MEX-BT3700U/BT3750U

SERVICE MANUAL

Ver. 1.0 2008.12

US Model
Canadian Model
AEP Model
UK Model
MEX-BT3700U
E Model
MEX-BT3750U

Photo: MEX-BT3700U

Model Name Using Similar Mechanism	CDX-GT63UIW/GT630UI/GT680UI/GT686UI
CD Mechanism Type	MG-101Z-188//Q
Optical Pick-up Name	DAX-25A

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (BT3700U: US model only)

CEA2006 Standard
Power Output: 17 Watts RMS × 4 at 4 Ohms < 1% THD+N
SN Ratio: 82 dBA
(reference: 1 Watt into 4 Ohms)

CD Player section

Signal-to-noise ratio: 120 dB
Frequency response: 10 – 20,000 Hz
Wow and flutter: Below measurable limit

Tuner section (BT3700U: US and Canadian models only)

FM

Tuning range: 87.5 – 107.9 MHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 150 kHz
Usable sensitivity: 10 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 70 dB (mono)
Separation: 40 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range: 530 – 1,710 kHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Sensitivity: 26 μV

Tuner section (BT3700U: AEP and UK models only)

FM

Tuning range: 87.5 – 108.0 MHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 150 kHz
Usable sensitivity: 10 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 70 dB (mono)
Separation: 40 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

MW/LW

Tuning range:
MW: 531 – 1,602 kHz
LW: 153 – 279 kHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Sensitivity: MW: 26 μV, LW: 45 μV

Tuner section (BT3750U: E, Mexican and Indian models only)

FM

Tuning range:
87.5 – 108.0 MHz (at 50 kHz step)
87.5 – 107.9 MHz (at 200 kHz step)
FM tuning interval: 50 kHz/200 kHz switchable
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 150 kHz
Usable sensitivity: 10 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 70 dB (mono)
Separation: 40 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range:
531 – 1,602 kHz (at 9 kHz step)
530 – 1,710 kHz (at 10 kHz step)
AM tuning interval: 9 kHz/10 kHz switchable
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Sensitivity: 26 μV

Tuner section (BT3750U: Saudi Arabia model only)

FM

Tuning range:
87.5 – 108.0 MHz (at 50 kHz step)
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 150 kHz
Usable sensitivity: 10 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 70 dB (mono)
Separation: 40 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range:
531 – 1,602 kHz (at 9 kHz step)
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Sensitivity: 26 μV

USB Player section

Interface: USB (Full-speed)
Maximum current: 500mA

Wireless Communication

Communication System:
Bluetooth Standard version 2.0
Output:
Bluetooth Standard Power Class 2 (Max. +4 dBm)
Maximum communication range:
Line of sight approx. 10 m (33 ft)*1
Frequency band:
2.4 GHz band (2.4000 – 2.4835 GHz)
Modulation method: FHSS
Compatible Bluetooth Profiles*2**:**
A2DP (Advanced Audio Distribution Profile)
AVRCP (Audio Video Remote Control Profile)
HFP (Handsfree Profile) 1.5
HSP (Headset Profile)

*1 *The actual range will vary depending on factors such as obstacles between devices, magnetic fields around a microwave oven, static electricity, reception sensitivity, antenna's perfomance, operating system, software application, etc.*
*2 *Bluetooth standard profiles indicate the purpose of Bluetooth communication between devices.*

Power amplifier section

Output: Speaker outputs (sure seal connectors)
Speaker impedance: 4 – 8 ohms
Maximum power output: 52 W × 4 (at 4 ohms)

General

Outputs:
Audio outputs terminal (front/rear)
Subwoofer output terminal (mono)
Power antenna (aerial) relay control terminal
Power amplifier control terminal
Inputs:
Remote controller input terminal
Antenna (aerial) input terminal
Telephone ATT control terminal
BUS control input terminal
BUS audio input terminal
AUX input jack (stereo mini jack)
USB signal input terminal
Tone controls:
Low: ±10 dB at 60 Hz (XPLOD)
Mid: ±10 dB at 1 kHz (XPLOD)
High: ±10 dB at 10 kHz (XPLOD)
Power requirements: 12 V DC car battery (negative ground (earth))
Dimensions: Approx. 178 × 50 × 179 mm (7 1/8 × 2 × 7 1/8 in) (w/h/d)
Mounting dimensions: Approx. 182 × 53 × 162 mm (7 1/4 × 2 1/8 × 6 1/2 in) (w/h/d)
Mass: Approx. 1.2 kg (2 lb 11 oz)
Supplied accessories:
Card remote commander: RM-X304
Parts for installation and connections (1 set)

Your dealer may not handle some of the above listed accessories. Please ask the dealer for detailed information.

Design and specifications are subject to change without notice.

Bluetooth® AUDIO SYSTEM

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Sony Corporation
Audio&Video Business Group
Published by Sony Techno Create Corporation

SONY®

• US and Canadian models:

CAUTION

The use of optical instruments with this product will increase eye hazard.

• Except US and Canadian models:

CLASS 1 LASER PRODUCT

This label is located on the bottom of the chassis.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

NOTES ON CHIP COMPONENT REPLACEMENT

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

FLEXIBLE CIRCUIT BOARD REPAIRING

- Keep the temperature of soldering iron around 270 °C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

SAFETY-RELATED COMPONET WARNING!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

TABLE OF CONTENTS

Accessories are given in the last of the electrical parts list.

SECTION 1
SERVICING NOTES

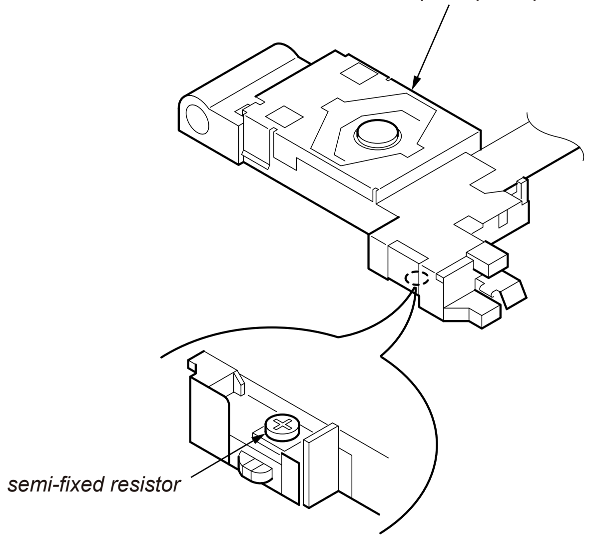
NOTES ON HANDLING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.
During repair, pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.
The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

Never look into the laser diode emission from right above when checking it for adjustment. It is feared that you will lose your sight.

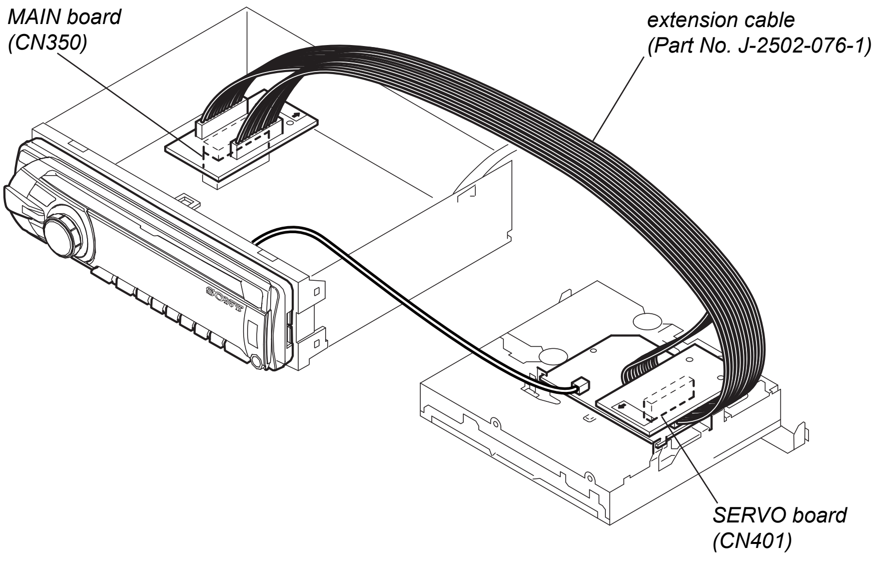
If the optical pick-up block is defective, please replace the whole optical pick-up block.
Never turn the semi-fixed resistor located at the side of optical pick-up block.



EXTENSION CABLE AND SERVICE POSITION

When repairing or servicing this set, connect the jig (extension cable) as shown below.

- Connect the MAIN board (CN350) and the SERVO board (CN401) with the extension cable (Part No. J-2502-076-1).



UNLEADED SOLDER

Boards requiring use of unleaded solder are printed with the lead-free mark (LF) indicating the solder contains no lead.
(**Caution:** Some printed circuit boards may not come printed with the lead free mark due to their particular size)

LF : LEAD FREE MARK

Unleaded solder has the following characteristics.

- Unleaded solder melts at a temperature about 40 °C higher than ordinary solder.
  Ordinary soldering irons can be used but the iron tip has to be applied to the solder joint for a slightly longer time.
  Soldering irons using a temperature regulator should be set to about 350 °C.
  Caution: The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful!
- Strong viscosity
  Unleaded solder is more viscous (sticky, less prone to flow) than ordinary solder so use caution not to let solder bridges occur such as on IC pins, etc.
- Usable with ordinary solder
  It is best to use only unleaded solder but unleaded solder may also be added to ordinary solder.

TEST DISCS

Use following TEST DISC when this set confirms the operation and checks it.

3-702-101-01	YEDS-18 (for CD)
4-225-203-01	PATD-012 (for CD)

NOTE FOR THE 20-PIN CONNECTOR (CN901)

Do not use alcohol to clean the 20-pin connector (CN901) connecting the front panel with the main body.
Do not touch the connector directly with your bare hand. Poor contact may be caused.

NOTE FOR REPLACEMENT OF THE BT BOARD

When repairing, the complete BT board (Part No. A-1641-142-A) should be replaced since any parts in the BT board cannot be repaired.

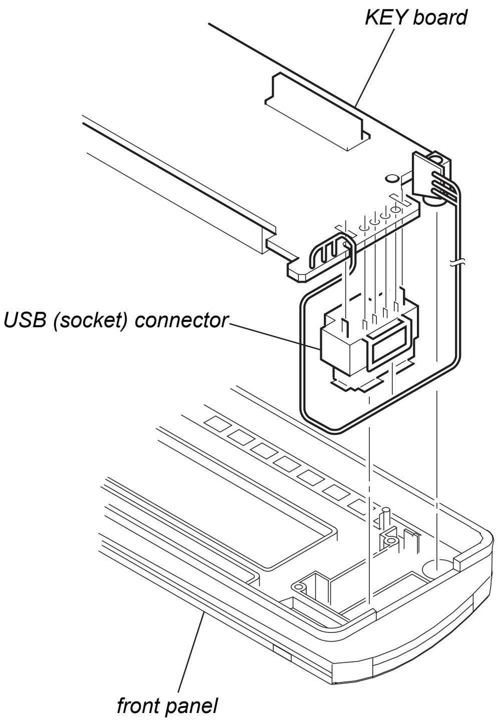
NOTE FOR REPLACEMENT OF THE SERVO BOARD

When repairing, the complete SERVO board (Part No. A-1554-409-A) should be replaced since any parts in the SERVO board cannot be repaired.

NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN902)

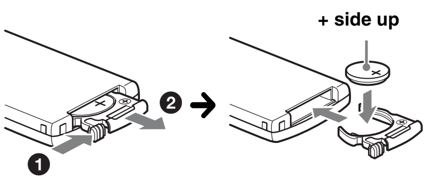
To replace the USB connector requires alignment.

1. Insert the USB connector into the front panel.
2. Place the KEY board on the front panel and align the terminals of the USB connector with the holes in the KEY board.
3. Solder the six terminals of the connector.



Replacing the lithium battery of the card remote commander

Under normal conditions, the battery will last approximately 1 year. (The service life may be shorter, depending on the conditions of use.) When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



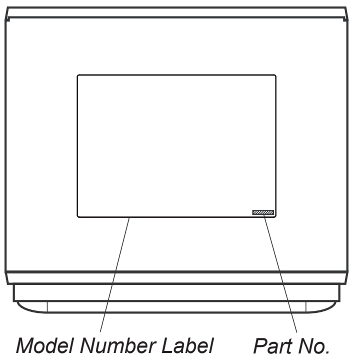
Notes on the lithium battery

- *Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.*
- *Wipe the battery with a dry cloth to assure a good contact.*
- *Be sure to observe the correct polarity when installing the battery.*
- *Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.*

WARNING
Battery may explode if mistreated.
Do not recharge, disassemble, or dispose of in fire.

MODEL IDENTIFICATION

– Bottom View –



Part No.	Destination
4-127-082-0□	BT3700U: AEP and UK models
4-127-084-0□	BT3700U: US model
4-127-085-0□	BT3750U: E model
4-127-086-0□	BT3750U: Mexican model
4-127-087-0□	BT3750U: Indian model (MARUTI SUZUKI)
4-127-088-0□	BT3750U: Saudi Arabia model
4-132-181-0□	BT3700U: Canadian model

BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE

1. Required Equipment

- Set to be tested (MEX-BT3700U/BT3750U)
- Cellular phone (Recommended SEMC K320i or K800i, or select from connectable cellular phones list)
- Speaker connection (at least Front L/R ch)
- DC power supply (12V)

2. Preparation

Turn on the Bluetooth function of the cellular phone in advance.
Remove a Bluetooth device connected to the cellular phone in advance. (at least, remove XPLOD)

3. Test Environment

- No other Bluetooth device is making a communication in the periphery. (within 20m)
- No other MEX-BT3700U/BT3750U are supplied with electric power.
- There are no two or more wireless LAN access points in the periphery. (with 50m) (one is OK)
- The set should be tested in a place such as a meeting room, free from ambient noise.
- The speaker at the far end should be in a place such as another meeting room separated acoustically.

4. Setting

Install the MEX-BT3700U/BT3750U on the desktop.

5. Precautions

Beware of the following points when conducting the talking test:

- There is no fault if a talking can be made by adjusting appropriately the volume of the telephone of the other party and the cellular phone connected through the Bluetooth, besides the setup of MEX-BT3700U/BT3750U.
- The speaker's voice will become loud naturally if the periphery is noisy, or become low if quiet. (even though the speaker intents to talk on the same volume level)
- The speaker's voice will become loud naturally if the other party's voice is loud.

6. BT PHONE Function Check

1. Press the [BLUETOOTH] button for 5 seconds to check if the BT logo changes from lighting to blinking.
2. Search peripheral equipment from the cellular phone to check if "XPLOD" is found.
3. Search peripheral equipment from the cellular phone apart from the set about 5m to check if "XPLOD" is found.
4. Check if peripheral equipment can be registered to the cellular phone (pass code 0000).
5. Make a connection to the cellular phone to check if the HF logo lights up. (This may be conducted at the same time in item 4)
6. After making a connection to the cellular phone, move the cellular phone apart from the set about 5m to check if the connection is held.
7. After switching the source of the MEX-BT3700U/BT3750U to other than BT PHONE (e.g. TUNER) to check that a sound is generated, make a call to the cellular phone connected to the set.
8. Check that the sound being played is interrupted and in turn the ring tone is heard. (the built-in sound of the set will be generated or the ring tone of cellular phone will be heard depending on the cellular phone)
9. Press the [PUSH SELECT] button for a short time to check that the conversation can be made.
10. Check that the other party's voice can be heard from the speaker.
11. Check by operating the Volume that the other party's volume varies.
12. Speak to the microphone of the set to check that the other party can hear it. (Make sure that there is no large difference from normal set)
13. Press the [PUSH SELECT] button for 2 seconds to check that the HF turns off and the set is switched to a telephone call between cellular phones. (This may not function depending on the cellular phone)
14. Press the [PUSH SELECT] button for 2 seconds to check that the HF turns on and the set is switched to a telephone call between MEX-BT3700U/BT3750U and far end.
15. Press the [PUSH SELECT] button for a short time to check that a telephone call is terminated. Also, the original source is returned.
16. Perform ACC OFF -> ON to check if the set is reconnected automatically to the cellular phone.

7. BT Audio Function Check

1. Connect the set to the BT audio device (or cellular phone furnished with BT audio function) to check that the streaming logo lights up.
2. Play the BT audio device to check that a sound is generated from the set when the source is switched to the BT audio.
3. Operate the set ([SEEK – /+], [6] button operation) to check if it can control the BT Audio.

Note: The functions that can be operated vary depending on the BT audio device connected.

4. Perform ACC OFF → ON to check if the set can be reconnected to the BT audio device. (Some BT audio devices may be reconnected automatically)
5. With the BT audio source, press the [6] button to check if the streaming logo blinks and the set is reconnected to the BT audio device. (This function is disabled while the set is reconnected to a cellular phone. Accordingly, this test should be conducted after the power is turned on and then the HF logo lights up, or when about 30 seconds elapsed after the power on)

8. Initialize

This should be performed when the set is sent back to the user after all the checks finished successfully.

1. Execute the initialization.
2. Press the [BLUETOOTH] button for 3 seconds to check if the BT logo lights up.
3. Check that the set is not connected automatically to the cellular phone that was connected last.
4. With the BT audio source, check that the streaming logo does not blink when the [6] button is pressed.

9. What to Do after Checking

1. If the board does not need to be replaced
- Return the bluetooth settings to original ones. (settings when the set was received from the user)
2. If the board needs to be replaced
- Return to the factory shipping mode.

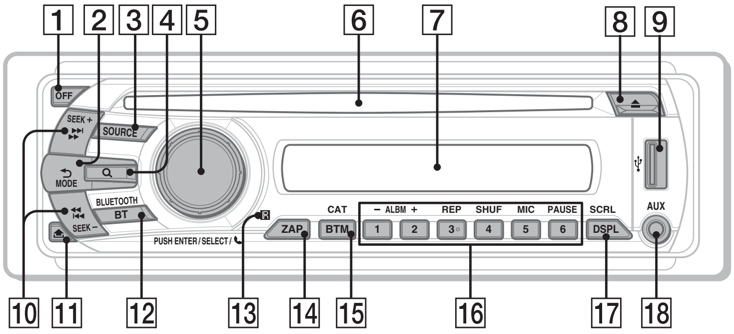
SECTION 2
GENERAL

This section is extracted from instruction manual.

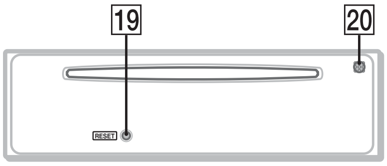
(BT3700U: US and Canadian models)

Location of controls and basic operations

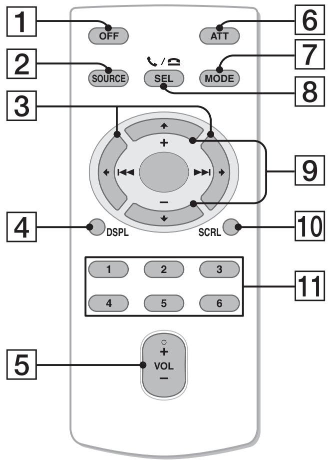
Main unit



Front panel removed



Card remote commander RM-X304



This section contains instructions on the location of controls and basic operations. For details, see the respective pages.
The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **OFF button**
To power off; stop the source.

2 **⮌ (BACK)/MODE button**
Press to: Return to the previous display/select the radio band (FM/AM)*1/select the play mode of iPod.
Press and hold to: Enter/cancel the passenger control.

3 **SOURCE button**
To power on; change the source (Radio/CD/USB/AUX/Bluetooth audio/Bluetooth phone)*1.

4 **(BROWSE) button**
To enter the Quick-BrowZer mode.

5 **Control dial/select / (handsfree) button**
To adjust volume/select search category (rotate); select setup items (press and rotate); receive/end a call (press).

6 **Disc slot**
Insert the disc (label side up), playback starts.

7 **Display window**

8 **⏏ (eject) button**
To eject the disc.

9 **USB terminal**
To connect to the USB device.

10 **SEEK +/– buttons**
CD/USB:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); reverse/fast-forward a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).
Bluetooth audio device*2:
To skip tracks (press).

11 **(front panel release) button**

12 **BT (BLUETOOTH) button**
For Bluetooth signal on/off, pairing.

13 **Receptor for the card remote commander**

14 **ZAP button**
To enter ZAPPIN™ mode.

15 **BTM/CAT*3 button**
To start the BTM function (press and hold).

16 **Number buttons**
CD/USB:
1/2: **ALBM –/+** (during MP3/WMA/AAC playback)
To skip albums (press); skip albums continuously (press and hold).
3: **REP**
4: **SHUF**
6: **PAUSE**
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).
Bluetooth audio device*2:
6: **PAUSE**
To pause playback. To cancel, press again.
Bluetooth phone:
5: **MIC**

17 **DSPL (display)/SCRL (scroll) button**
To change display items (press); scroll the display item (press and hold).

18 **AUX input jack**
To connect a portable audio device.

19 **RESET button**

20 **Microphone**
Note
Do not cover the microphone, the handsfree function may not work properly.

*1 *In the case of a CD changer, HD Radio tuner or SAT tuner being connected; when SOURCE is pressed, the connected device ("HD," "XM" or "SR") will appear in the display, depending on which device is connected. Furthermore, if MODE is pressed, you can switch the changer, HD Radio tuner band or SAT tuner band.*
*2 *When a Bluetooth audio device (supports AVRCP of Bluetooth technology) is connected. Depending on the device, certain operations may not be available.*
*3 *When the SAT tuner is connected.*

Notes
- *When ejecting/inserting a disc, keep any USB devices disconnected to avoid damage to the disc.*
- *If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless SOURCE on the unit is pressed, or a disc is inserted to activate the unit first.*

Some of the following buttons on the card remote commander have different functions, or are different from the unit. Remove the insulation film before use.

1 **OFF button**
To power off; stop the source.

2 **SOURCE button**
To power on; change the source (Radio/CD/USB/AUX/Bluetooth audio/Bluetooth phone).

3 **← (⏮)/→ (⏭) buttons**
To control radio/CD/USB/Bluetooth audio, the same as SEEK –/+ on the unit.
Setup, sound setting, etc., can be operated by ← →.

4 **DSPL (display) button**
To change display items.

5 **VOL (volume) +/– button**
To adjust volume.

6 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

7 **MODE button**
Press to: Select the radio band (FM/AM)/select the play mode of iPod.
Press and hold to: Enter/cancel the passenger control.

8 **SEL (select)/ / (handsfree) button**
The same as the select button on the unit.

9 **↑ (+)/↓ (–) buttons**
To control CD/USB, the same as 1/2 (ALBM –/+) on the unit.
Setup, sound setting, etc., can be operated by ↑ ↓.

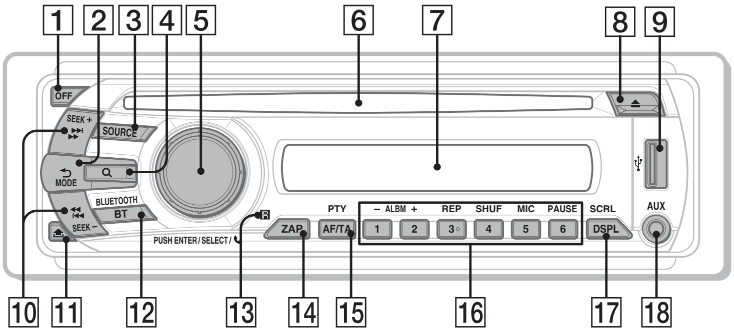
10 **SCRL (scroll) button**
To scroll the display item.

11 **Number buttons**
To receive stored stations (press); store stations (press and hold).

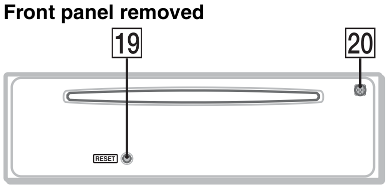
(BT3700U: AEP and UK models)

Location of controls and basic operations

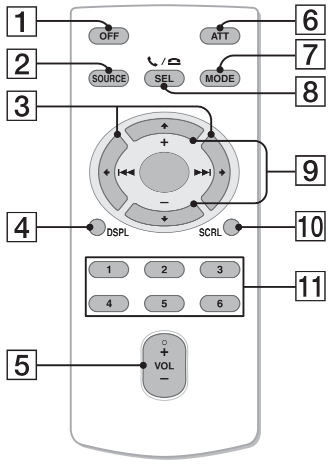
Main unit



Front panel removed



Card remote commander RM-X304



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The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **OFF button**
To power off; stop the source.

2 **(BACK)/MODE button**
Press to: Return to the previous display/select the radio band (FM/MW/LW)*1/select the play mode of iPod.
Press and hold to: Enter/cancel the passenger control.

3 **SOURCE button**
To power on; change the source (Radio/CD/USB/AUX/Bluetooth audio/Bluetooth phone)*1.

4 **(BROWSE) button**
To enter the Quick-BrowZer mode.

5 **Control dial/select/ (handsfree) button**
To adjust volume/select search category (rotate); select setup items (press and rotate); receive/end a call (press).

6 **Disc slot**
Insert the disc (label side up), playback starts.

7 **Display window**

8 **≜ (eject) button**
To eject the disc.

9 **USB terminal**
To connect to the USB device.

10 **SEEK +/– buttons**
CD/USB:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); reverse/fast-forward a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).
Bluetooth audio device*2:
To skip tracks (press).

11 **(front panel release) button**

12 **BT (BLUETOOTH) button**
For Bluetooth signal on/off, pairing.

13 **Receptor for the card remote commander**

14 **ZAP button**
To enter ZAPPIN™ mode.

15 **AF (Alternative Frequencies)/TA (Traffic Announcement)/PTY (Program Type) button**
To set AF and TA (press); select PTY (press and hold) in RDS.

16 **Number buttons**
CD/USB:
(1)/(2): **ALBM –/+** (during MP3/WMA/AAC playback)
To skip albums (press); skip albums continuously (press and hold).
(3): **REP**
(4): **SHUF**
(6): **PAUSE**
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).
Bluetooth audio device*2:
(6): **PAUSE**
To pause playback. To cancel, press again.
Bluetooth phone:
(5): **MIC**

17 **DSPL (display)/SCRL (scroll) button**
To change display items (press); scroll the display item (press and hold).

18 **AUX input jack**
To connect a portable audio device.

19 **RESET button**

20 **Microphone**
Note
Do not cover the microphone, the handsfree function may not work properly.

*1 *In the case of a CD changer being connected; when (SOURCE) is pressed, "CD" and the unit number will appear in the display. Furthermore, if (MODE) is pressed, you can switch the changer.*
*2 *When a Bluetooth audio device (supports AVRCP of Bluetooth technology) is connected. Depending on the device, certain operations may not be available.*

Notes
- *When ejecting/inserting a disc, keep any USB devices disconnected to avoid damage to the disc.*
- *If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.*

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1 **OFF button**
To power off; stop the source.

2 **SOURCE button**
To power on; change the source (Radio/CD/USB/AUX/Bluetooth audio/Bluetooth phone).

3 **← (|◀◀)/→ (▶▶|) buttons**
To control radio/CD/USB/Bluetooth audio, the same as (SEEK) –/+ on the unit.
Setup, sound setting, etc., can be operated by ← →.

4 **DSPL (display) button**
To change display items.

5 **VOL (volume) +/– button**
To adjust volume.

6 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

7 **MODE button**
Press to: Select the radio band (FM/MW/LW)/select the play mode of iPod.
Press and hold to: Enter/cancel the passenger control.

8 **SEL (select)/ (handsfree) button**
The same as the select button on the unit.

9 **↑ (+)/↓ (–) buttons**
To control CD/USB, the same as (1)/(2) (ALBM –/+) on the unit.
Setup, sound setting, etc., can be operated by ↑ ↓.

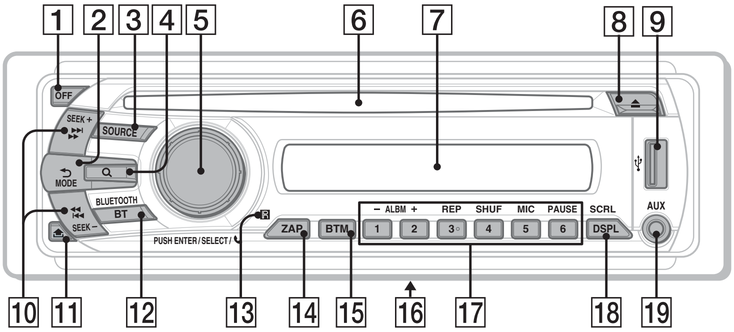
10 **SCRL (scroll) button**
To scroll the display item.

11 **Number buttons**
To receive stored stations (press); store stations (press and hold).

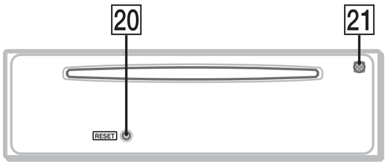
(BT3750U)

Location of controls and basic operations

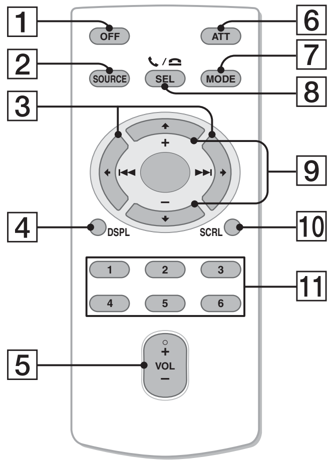
Main unit



Front panel removed



Card remote commander RM-X304



This section contains instructions on the location of controls and basic operations. For details, see the respective pages.
The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **OFF button**
To power off; stop the source.

2 **⮌ (BACK)/MODE button**
Press to: Return to the previous display/ select the radio band (FM/AM)*1/select the play mode of iPod.
Press and hold to: Enter/cancel the passenger control.

3 **SOURCE button**
To power on; change the source (Radio/CD/ USB/AUX/Bluetooth audio/Bluetooth phone)*1.

4 **(BROWSE) button**
To enter the Quick-BrowZer mode.

5 **Control dial/select/ (handsfree) button**
To adjust volume/select search category (rotate); select setup items (press and rotate); receive/end a call (press).

6 **Disc slot**
Insert the disc (label side up), playback starts.

7 **Display window**

8 **⏏ (eject) button**
To eject the disc.

9 **USB terminal**
To connect to the USB device.

10 **SEEK +/– buttons**
CD/USB:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); reverse/fast-forward a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).
Bluetooth audio device*2:
To skip tracks (press).

11 **(front panel release) button**

12 **BT (BLUETOOTH) button**
For Bluetooth signal on/off, pairing.

13 **Receptor for the card remote commander**

14 **ZAP button**
To enter ZAPPIN™ mode.

15 **BTM button**
To start the BTM function (press and hold).

16 **Frequency select switch** (located on the bottom of the unit)
(BT3700U: E, Mexican and Indian models only)

17 **Number buttons**
CD/USB:
(1)/(2): **ALBM –/+** (during MP3/WMA/ AAC playback)
To skip albums (press); skip albums continuously (press and hold).
(3): **REP**
(4): **SHUF**
(6): **PAUSE**
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).
Bluetooth audio device*2:
(6): **PAUSE**
To pause playback. To cancel, press again.
Bluetooth phone:
(5): **MIC**

18 **DSPL (display)/SCRL (scroll) button**
To change display items (press); scroll the display item (press and hold).

19 **AUX input jack**
To connect a portable audio device.

20 **RESET button**

21 **Microphone**
Note
Do not cover the microphone, the handsfree function may not work properly.

*1 *In the case of a CD changer being connected; when (SOURCE) is pressed, "CD" and the unit number will appear in the display. Furthermore, if (MODE) is pressed, you can switch the changer.*
*2 *When a Bluetooth audio device (supports AVRCP of Bluetooth technology) is connected. Depending on the device, certain operations may not be available.*

Notes
- *When ejecting/inserting a disc, keep any USB devices disconnected to avoid damage to the disc.*
- *If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.*

Some of the following buttons on the card remote commander have different functions, or are different from the unit. Remove the insulation film before use.

1 **OFF button**
To power off; stop the source.

2 **SOURCE button**
To power on; change the source (Radio/CD/ USB/AUX/Bluetooth audio/Bluetooth phone).

3 **⬅ (⏮)/➡ (⏭) buttons**
To control radio/CD/USB/Bluetooth audio, the same as (SEEK) –/+ on the unit.
Setup, sound setting, etc., can be operated by ⬅ ➡.

4 **DSPL (display) button**
To change display items.

5 **VOL (volume) +/– button**
To adjust volume.

6 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

7 **MODE button**
Press to: Select the radio band (FM/AM)/ select the play mode of iPod.
Press and hold to: Enter/cancel the passenger control.

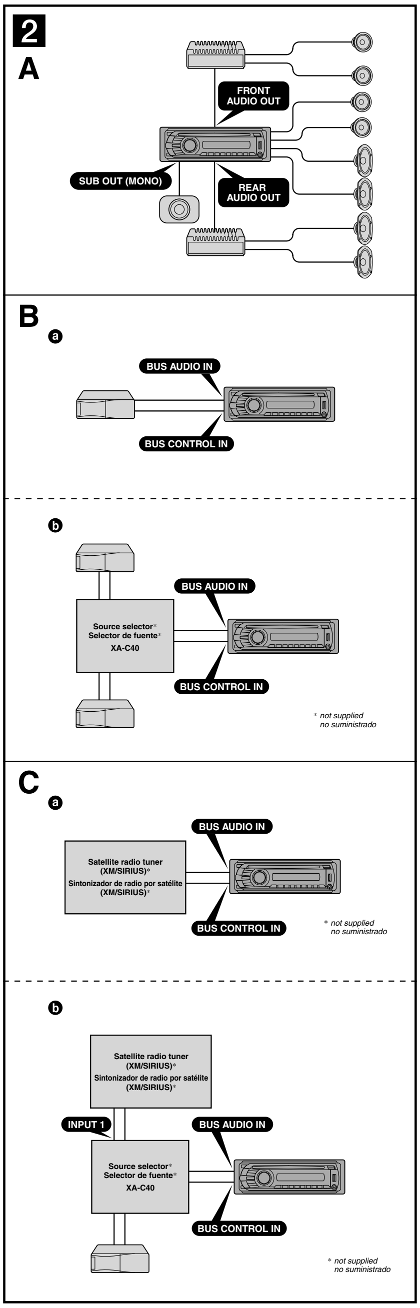
8 **SEL (select)/ (handsfree) button**
The same as the select button on the unit.

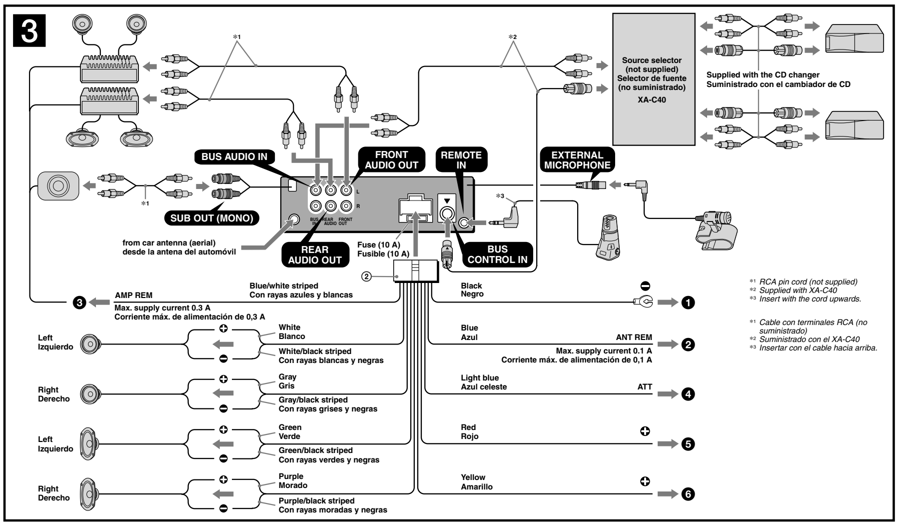
9 **⬆ (+)/⬇ (–) buttons**
To control CD/USB, the same as (1)/(2) (ALBM –/+) on the unit.
Setup, sound setting, etc., can be operated by ⬆ ⬇.

10 **SCRL (scroll) button**
To scroll the display item.

11 **Number buttons**
To receive stored stations (press); store stations (press and hold).

(BT3700U: US and Canadian models)





Cautions

Be sure to install this unit in the dashboard of the car as the rear side of the unit becomes hot during use.

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- Do not cover the ventilation slots or heat sinks of the unit.
- The use of optical instruments with this product will increase eye hazard.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Connection example 2

***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

***Tips* (2-B)**
- *When connecting only a single CD changer or other optional device, connect directly to this unit.*
- *For connecting two or more CD changers or other optional devices, the source selector XA-C40 (not supplied) is necessary.*

Notes on satellite radio tuner (2-C)
- This unit does not support the XM radio tuner XMDSON100.
- You cannot connect two or more satellite radio tuners (XM/SIRIUS) to the XA-C40 at the same time.
- When you use a satellite radio tuner, be sure to connect to the INPUT 1 terminal of the XA-C40.

Connection diagram 3

1 To a metal surface of the car
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

2 To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

3 To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.

4 To the interface cable of a car telephone

5 To the +12 V power terminal which is energized in the accessory position of the ignition switch
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

6 To the +12 V power terminal which is energized at all times
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Precauciones

Asegúrese de instalar la unidad en el tablero del automóvil, ya que la parte posterior de la unidad se calienta durante el uso.

- Esta unidad ha sido diseñada para alimentarse solamente con cc de 12 V de masa negativa.
- No coloque los cables debajo de ningún tornillo, ni los aprisione con partes móviles (p. ej. los raíles del asiento).
- Antes de realizar las conexiones, desactive el encendido del automóvil para evitar cortocircuitos.
- Conecte los cables de entrada de alimentación **amarillo** y **rojo** solamente después de haber conectado los demás.
- **Conecte todos los cables de conexión a masa a un punto común.**
- Por razones de seguridad, asegúrese de aislar con cinta aislante los cables sueltos que no estén conectados.
- No cubra las ranuras ni las rejillas de ventilación de la unidad.

Notas sobre el cable de fuente de alimentación (amarillo)
- Cuando conecte esta unidad en combinación con otros componentes estéreo, la capacidad nominal del circuito conectado del automóvil debe ser superior a la suma del fusible de cada componente.
- Si no hay circuitos del automóvil con capacidad nominal suficientemente alta, conecte la unidad directamente a la batería.

Ejemplo de conexión 2

***Notas* (2-A)**
- *Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.*
- *La alarma sonará solamente si se utiliza el amplificador integrado.*

***Sugerencias* (2-B)**
- *Cuando conecte un solo cambiador de CD u otro dispositivo opcional, hágalo directamente a esta unidad.*
- *Para conectar dos o más cambiadores de CD u otros dispositivos opcionales, se precisa el selector de fuente XA-C40 (no suministrado).*

Notas sobre el sintonizador de radio por satélite (2-C)
- Esta unidad no es compatible con el sintonizador de radio XM XMDSON100.
- No es posible conectar más de un sintonizador de radio por satélite (XM/SIRIUS) al modelo XA-C40 simultáneamente.
- Cuando utilice un sintonizador de radio por satélite, asegúrese de conectarlo al terminal INPUT 1 del XA-C40.

Diagrama de conexión 3

1 A una superficie metálica del automóvil
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de entrada de alimentación.

2 Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena
Notas
- *Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil dispone de una antena de FM/AM integrada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

3 A AMP REMOTE IN de un amplificador de potencia opcional
Esta conexión es solamente para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

4 Al cable de interfaz de un teléfono para automóvil

5 Al terminal de alimentación de +12 V que recibe energía en la posición de accesorios del interruptor de la llave de encendido
Notas
- *Si no hay posición de accesorios, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción. Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.*
- *Si el automóvil dispone de una antena de FM/AM integrada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

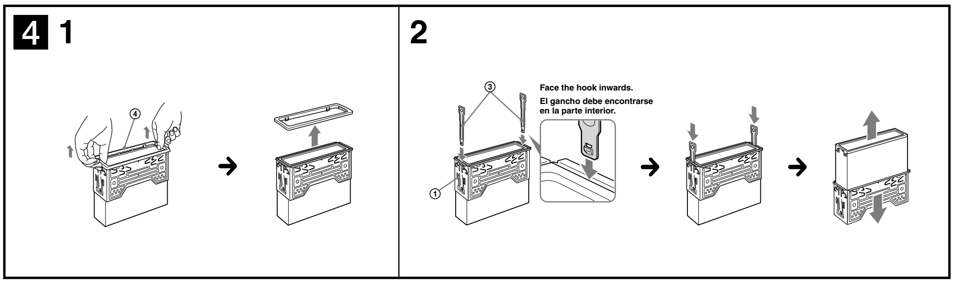
6 Al terminal de alimentación de +12 V que recibe energía sin interrupción
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

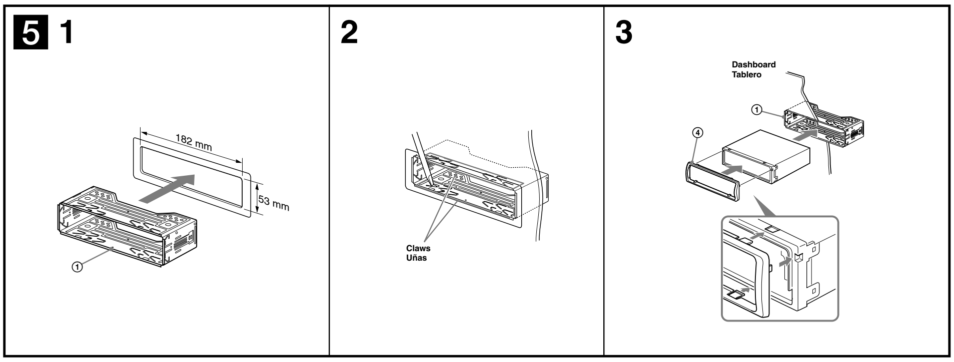
Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena motorizada (azul) suministrará cc de +12 V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena de FM/AM integrada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de entrada de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.*
- *Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.*

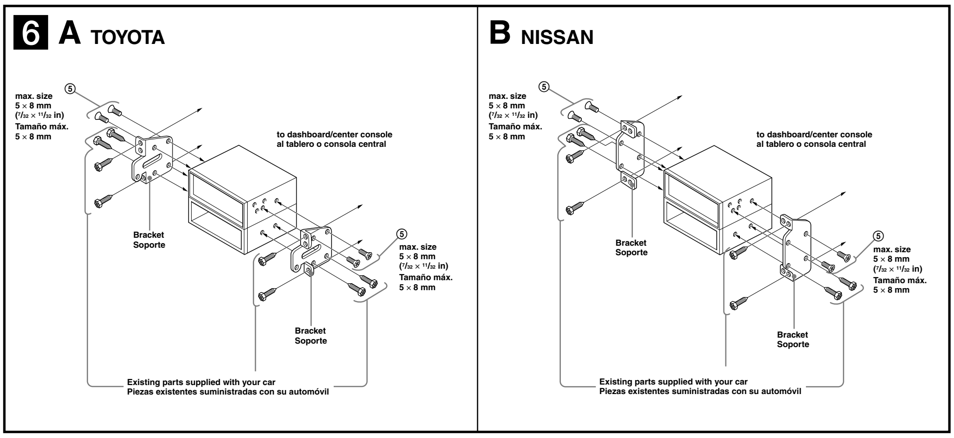
Conexión para protección de la memoria
Si conecta el cable de entrada de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de la llave de encendido.

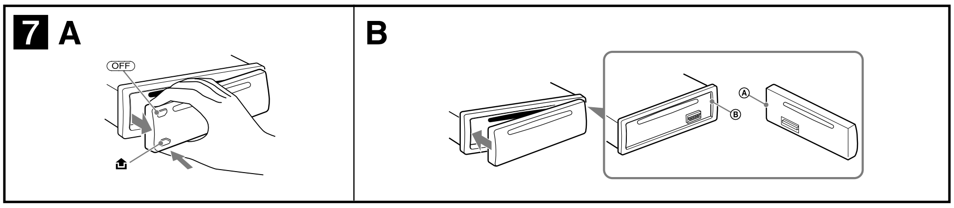
Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 ? con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de conexión a masa de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores integrados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallas de funcionamiento, no utilice los cables de altavoz integrados instalados en el automóvil si la unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.









Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Removing the protection collar and the bracket 4

Before installing the unit, remove the protection collar ④ and the bracket ① from the unit.

1. **Remove the protection collar ④.**
   Pinch both edges of the protection collar ④, then pull it out.
2. **Remove the bracket ①.**
   ❶ Insert both release keys ③ together between the unit and the bracket ① until they click.
   ❷ Pull down the bracket ①, then pull up the unit to separate.

Mounting example 5

Installation in the dashboard

Notes
- *Bend these claws outward for a tight fit, if necessary (5-2).*
- *Make sure that the 4 catches on the protection collar ④ are properly engaged in the slots of the unit (5-3).*

Mounting the unit in a Japanese car 6

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note
To prevent malfunction, install only with the supplied screws ⑤.

How to detach and attach the front panel 7

Before installing the unit, detach the front panel.

7-A To detach

Before detaching the front panel, be sure to press (OFF). Press ⏏, and pull it off towards you.

7-B To attach

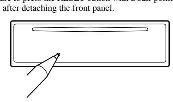
Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions.
The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold (OFF) until the display disappears each time you turn the ignition off.

RESET button

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc., after detaching the front panel.



Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar sometida a polvo, suciedad, vibraciones excesivas o altas temperaturas como, por ejemplo, a la luz solar directa o cerca de conductos de calefacción.
- Para realizar una instalación segura y firme, utilice solamente elementos de instalación suministrados.

Ajuste del ángulo de montaje

Ajuste el ángulo de montaje a menos de 45°.

Extracción del marco de protección y del soporte 4

Antes de instalar la unidad, retire el marco de protección ④ y el soporte ① de la misma.

1. **Retire el marco de protección ④.**
   Apriete ambos bordes del marco de protección ④ y, a continuación, tire de él hacia fuera.
2. **Retire el soporte ①.**
   ❶ Inserte ambas llaves de liberación ③ entre la unidad y el soporte ① hasta que encajen.
   ❷ Presione el soporte ① y, a continuación, levante la unidad para separar ambos elementos.

Ejemplo de montaje 5

Instalación en el tablero

Notas
- *Si es necesario, doble estos ganchos hacia fuera para que encaje firmemente (5-2).*
- *Compruebe que los 4 enganches del marco de protección ④ estén bien fijados en las ranuras de la unidad (5-3).*

Montaje de la unidad en un automóvil japonés 6

Es posible que no pueda instalar esta unidad en algunos automóviles japoneses. En tal caso, consulte a su distribuidor Sony.

Nota
Para evitar que se produzcan fallas de funcionamiento, realice la instalación solamente con los tornillos suministrados ⑤.

Forma de extraer e instalar el panel frontal 7

Antes de instalar la unidad, extraiga el panel frontal.

7-A Para extraerlo

Antes de extraer el panel frontal, asegúrese de presionar (OFF). Después presione ⏏ y tire de él hacia usted.

7-B Para instalarlo

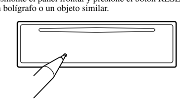
Coloque el orificio Ⓐ del panel frontal en el eje Ⓑ de la unidad y, a continuación, presione ligeramente el lado izquierdo hacia adentro.

Advertencia: si el encendido del automóvil no dispone de una posición ACC

Asegúrese de ajustar la función de desconexión automática. Para obtener más información, consulte el manual de instrucciones suministrado.
La unidad se apagará completa y automáticamente en el tiempo establecido después de que se desconecte la unidad, lo que evita que se desgaste la batería.
Si no ha ajustado la función de desconexión automática, mantenga presionado (OFF) cada vez que apague el interruptor de encendido, hasta que la pantalla desaparezca.

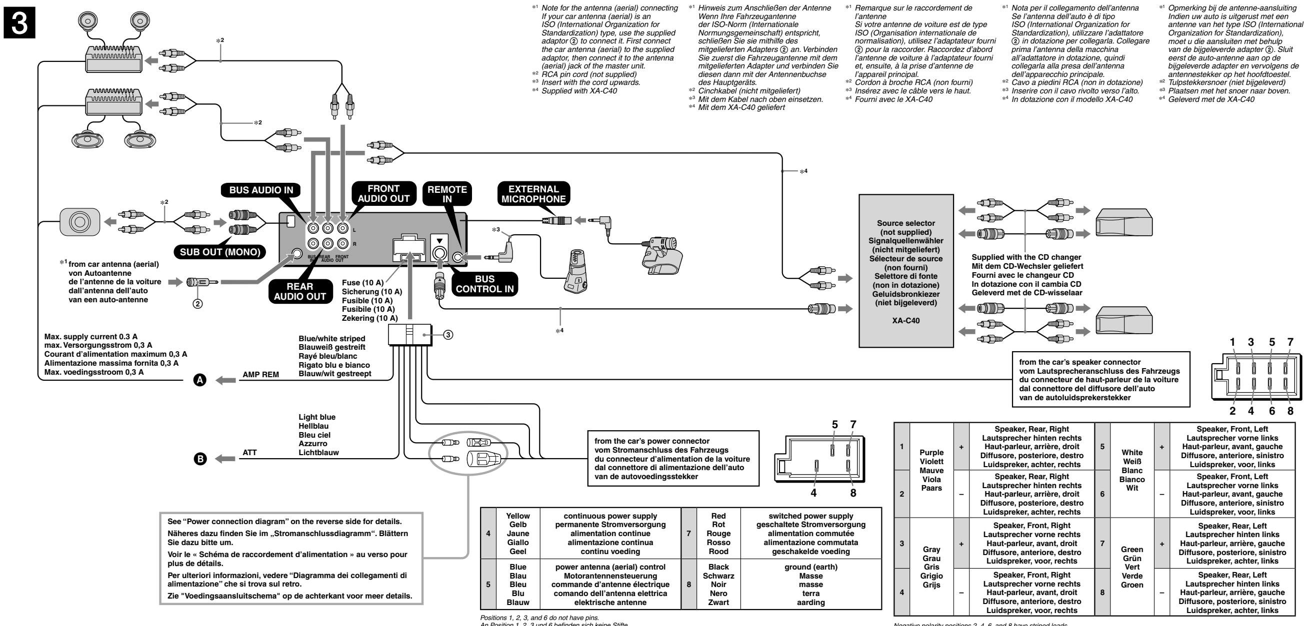
Botón RESET

Una vez finalizada la instalación y las conexiones, desmonte el panel frontal y presione el botón RESET con un bolígrafo o un objeto similar.



(BT3700U: AEP and UK models)

3



*1 *Note for the antenna (aerial) connecting*
If your car antenna (aerial) is an ISO (International Organization for Standardization) type, use the supplied adaptor ② to connect it. First connect the car antenna (aerial) to the supplied adaptor, then connect it to the antenna (aerial) jack of the master unit.
*2 *RCA pin cord (not supplied)*
*3 *Insert with the cord upwards.*
*4 *Supplied with XA-C40*

*1 *Hinweis zum Anschließen der Antenne*
Wenn Ihre Fahrzeugantenne der ISO-Norm (Internationale Normungsgemeinschaft) entspricht, schließen Sie sie mithilfe des mitgelieferten Adapters ② an. Verbinden Sie zuerst die Fahrzeugantenne mit dem mitgelieferten Adapter und verbinden Sie diesen dann mit der Antennenbuchse des Hauptgeräts.
*2 *Cinchkabel (nicht mitgeliefert)*
*3 *Mit dem Kabel nach oben einsetzen.*
*4 *Mit dem XA-C40 geliefert*

*1 *Remarque sur le raccordement de l'antenne*
Si votre antenne de voiture est de type ISO (Organisation internationale de normalisation), utilisez l'adaptateur fourni ② pour la raccorder. Raccordez d'abord l'antenne de voiture à l'adaptateur fourni et, ensuite, à la prise d'antenne de l'appareil principal.
*2 *Cordon à broche RCA (non fourni)*
*3 *Insérez avec le câble vers le haut.*
*4 *Fourni avec le XA-C40*

*1 *Nota per il collegamento dell'antenna*
Se l'antenna dell'auto è di tipo ISO (International Organization for Standardization), utilizzare l'adattatore ② in dotazione per collegarla. Collegare prima l'antenna della macchina all'adattatore in dotazione, quindi collegarla alla presa dell'antenna dell'apparecchio principale.
*2 *Cavo a piedini RCA (non in dotazione)*
*3 *Inserire con il cavo rivolto verso l'alto.*
*4 *In dotazione con il modello XA-C40*

*1 *Opmerking bij de antenne-aansluiting*
Indien uw auto is uitgerust met een antenne van het type ISO (International Organization for Standardization), moet u die aansluiten met behulp van de bijgeleverde adapter ②. Sluit eerst de auto-antenne aan op de bijgeleverde adapter en vervolgens de antennestekker op het hoofdtoestel.
*2 *Tulpstekkersnoer (niet bijgeleverd)*
*3 *Plaatsen met het snoer naar boven.*
*4 *Geleverd met de XA-C40*

See "Power connection diagram" on the reverse side for details.
Näheres dazu finden Sie im „Stromanschlussdiagramm". Blättern Sie dazu bitte um.
Voir le « Schéma de raccordement d'alimentation » au verso pour plus de détails.
Per ulteriori informazioni, vedere "Diagramma dei collegamenti di alimentazione" che si trova sul retro.
Zie "Voedingsaansluitschema" op de achterkant voor meer details.

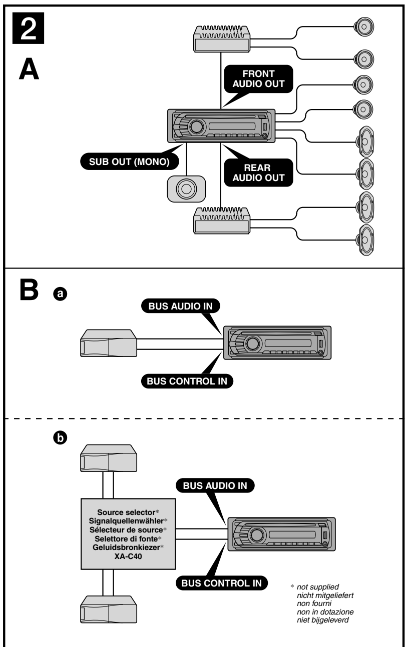
4	Yellow Gelb Jaune Giallo Geel	continuous power supply permanente Stromversorgung alimentation continue alimentazione continua continu voeding	7	Red Rot Rouge Rosso Rood	switched power supply geschaltete Stromversorgung alimentation commutée alimentazione commutata geschakelde voeding
5	Blue Blau Bleu Blu Blauw	power antenna (aerial) control Motorantennensteuerung commande d'antenne électrique comando dell'antenna elettrica elektrische antenne	8	Black Schwarz Noir Nero Zwart	ground (earth) Masse masse terra aarding

Positions 1, 2, 3, and 6 do not have pins.
An Position 1, 2, 3 und 6 befinden sich keine Stifte.
Les positions 1, 2, 3 et 6 ne comportent pas de broches.
Le posizioni 1, 2, 3 e 6 non hanno piedini.
De posities 1, 2, 3 en 6 hebben geen pins.

1	Purple Violett Mauve Viola Paars	+	Speaker, Rear, Right Lautsprecher hinten rechts Haut-parleur, arrière, droit Diffusore, posteriore, destro Luidspreker, achter, rechts	5	White Weiß Blanc Bianco Wit	+	Speaker, Front, Left Lautsprecher vorne links Haut-parleur, avant, gauche Diffusore, anteriore, sinistro Luidspreker, voor, links
2		–	Speaker, Rear, Right Lautsprecher hinten rechts Haut-parleur, arrière, droit Diffusore, posteriore, destro Luidspreker, achter, rechts	6		–	Speaker, Front, Left Lautsprecher vorne links Haut-parleur, avant, gauche Diffusore, anteriore, sinistro Luidspreker, voor, links
3	Gray Grau Gris Grigio Grijs	+	Speaker, Front, Right Lautsprecher vorne rechts Haut-parleur, avant, droit Diffusore, anteriore, destro Luidspreker, voor, rechts	7	Green Grün Vert Verde Groen	+	Speaker, Rear, Left Lautsprecher hinten links Haut-parleur, arrière, gauche Diffusore, posteriore, sinistro Luidspreker, achter, links
4		–	Speaker, Front, Right Lautsprecher vorne rechts Haut-parleur, avant, droit Diffusore, anteriore, destro Luidspreker, voor, rechts	8		–	Speaker, Rear, Left Lautsprecher hinten links Haut-parleur, arrière, gauche Diffusore, posteriore, sinistro Luidspreker, achter, links

Negative polarity positions 2, 4, 6, and 8 have striped leads.
An den negativ gepolten Positionen 2, 4, 6 und 8 befinden sich gestreifte Adern.
Les positions de polarité négative 2, 4, 6 et 8 sont dotées de cordons rayés.
Le posizioni a polarità negativa 2, 4, 6 e 8 hanno cavi rigati.
De posities voor negatieve polariteit (2, 4, 6 en 8) hebben gestreepte kabels.

2



Cautions

Be sure to install this unit in the dashboard of the car as the rear side of the unit becomes hot during use.

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the power connecting lead ③ to the unit and speakers before connecting it to the auxiliary power connector.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- Do not cover the ventilation slots or heat sinks of the unit.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Connection example 2

***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

***Tips* (2-B)**
- *When connecting only a single CD changer or other optional device, connect directly to this unit.*
- *For connecting two or more CD changers or other optional devices, the source selector XA-C40 (not supplied) is necessary.*

Connection diagram 3

A To AMP REMOTE IN of an optional power amplifier
This connection is only for amplifiers. Connecting any other system may damage the unit.

B To the interface cable of a car telephone

Warning
If you have a power antenna (aerial) without a relay box, connecting this unit with the supplied power connecting lead ③ may damage the antenna (aerial).

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner, or when you activate the AF (Alternative Frequency) or TA (Traffic Announcement) function.*
- *When your car has built-in FM/MW/LW antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Vorsichtsmaßnahmen

Installieren Sie das Gerät unbedingt im Armaturenbrett des Fahrzeugs, denn die Rückseite des Geräts erwärmt sich bei Betrieb.

- Dieses Gerät ist ausschließlich für den Betrieb bei 12 V Gleichstrom (negative Erdung) bestimmt.
- Achten Sie darauf, dass die Kabel nicht unter einer Schraube oder zwischen beweglichen Teilen wie z. B. in einer Sitzschiene eingeklemmt werden.
- Schalten Sie, bevor Sie irgendwelche Anschlüsse vornehmen, die Zündung des Fahrzeugs aus, um Kurzschlüsse zu vermeiden.
- Verbinden Sie das Stromversorgungskabel ③ mit dem Gerät und den Lautsprechern, bevor Sie es mit dem Hilfsstromanschluss verbinden.
- **Schließen Sie alle Erdungskabel an einen gemeinsamen Massepunkt an.**
- Aus Sicherheitsgründen müssen alle losen, nicht angeschlossenen Drähte mit Isolierband abgeklebt werden.
- Decken Sie die Lüftungsschlitze und Kühlkörper des Geräts nicht ab.

Hinweise zum Stromversorgungskabel (gelb)
- Wenn Sie dieses Gerät zusammen mit anderen Stereokomponenten anschließen, muss der Autostromkreis, an den die Geräte angeschlossen sind, eine höhere Leistung aufweisen als die Summe der Sicherungen der einzelnen Komponenten.
- Wenn kein Autostromkreis eine so hohe Leistung aufweist, schließen Sie das Gerät direkt an die Batterie an.

Anschlussbeispiel 2

***Hinweise* (2-A)**
- *Schließen Sie unbedingt zuerst das Massekabel an, bevor Sie den Verstärker anschließen.*
- *Der Warnton wird nur ausgegeben, wenn der integrierte Verstärker verwendet wird.*

***Tipps* (2-B)**
- *Wenn Sie nicht mehr als einen CD-Wechsler oder ein anderes gesondert erhältliches Gerät anschließen wollen, schließen Sie es direkt an dieses Gerät an.*
- *Wenn Sie mindestens zwei CD-Wechsler oder andere gesondert erhältliche Geräte anschließen wollen, ist der Signalquellenwähler XA-C40 (nicht mitgeliefert) erforderlich.*

Anschlussdiagramm 3

A An AMP REMOTE IN des gesondert erhältlichen Endverstärkers
Dieser Anschluss ist ausschließlich für Verstärker gedacht. Schließen Sie nichts anderes daran an. Andernfalls kann das Gerät beschädigt werden.

B An Schnittstellenkabel eines Autotelefons

Warnung
Wenn Sie eine Motorantenne ohne Relaiskästchen verwenden, kann durch Anschließen dieses Geräts mit dem mitgelieferten Stromversorgungskabel ③ die Antenne beschädigt werden.

Hinweise zu den Steuer- und Stromversorgungsleitungen
- *Die Motorantennen-Steuerleitung (blau) liefert +12 V Gleichstrom, wenn Sie den Tuner einschalten oder die AF- (Alternativfrequenzsuche) oder die TA-Funktion (Verkehrsdurchsagen) aktivieren.*
- *Wenn das Fahrzeug mit einer in der Heck-/Seitenfensterscheibe integrierten FM (UKW)/MW/LW-Antenne ausgestattet ist, schließen Sie die Motorantennen-Steuerleitung (blau) oder die Zubehörstromversorgungsleitung (rot) an den Stromversorgung sanschluss des vorhandenen Antennenverstärkers an. Näheres dazu erfahren Sie bei Ihrem Händler.*
- *Es kann nur eine Motorantenne mit Relaiskästchen angeschlossen werden.*

Stromversorgung des Speichers
Wenn die gelbe Stromversorgungsleitung angeschlossen ist, wird der Speicher stets (auch bei ausgeschalteter Zündung) mit Strom versorgt.

Hinweise zum Lautsprecheranschluss
- *Schalten Sie das Gerät aus, bevor Sie die Lautsprecher anschließen.*
- *Verwenden Sie Lautsprecher mit einer Impedanz zwischen 4 und 8 Ohm und ausreichender Belastbarkeit. Ansonsten können die Lautsprecher beschädigt werden.*
- *Verbinden Sie die Lautsprecheranschlüsse nicht mit dem Wagenchassis und verbinden Sie auch nicht die Anschlüsse des rechten mit denen des linken Lautsprechers.*
- *Verbinden Sie die Masseleitung dieses Geräts nicht mit dem negativen (–) Lautsprecheranschluss.*
- *Versuchen Sie nicht, Lautsprecher parallel anzuschließen.*
- *An die Lautsprecheranschlüsse dieses Geräts dürfen nur Passivlautsprecher angeschlossen werden. Schließen Sie keine Aktivlautsprecher (Lautsprecher mit eingebauten Verstärkern) an, da das Gerät sonst beschädigt werden könnte.*
- *Um Fehlfunktionen zu vermeiden, verwenden Sie nicht die im Fahrzeug installierten, integrierten Lautsprecherleitungen, wenn am Ende eine gemeinsame negative (–) Leitung für den rechten und den linken Lautsprecher verwendet wird.*
- *Verbinden Sie nicht die Lautsprecherkabel des Geräts miteinander.*

Hinweis zum Anschließen
Wenn Lautsprecher und Verstärker nicht richtig angeschlossen sind, erscheint „FAILURE" im Display. Vergewissern Sie sich in diesem Fall, dass Lautsprecher und Verstärker richtig

Précautions

Installez cet appareil sur le tableau de bord de la voiture, car l'arrière de l'appareil chauffe en cours d'utilisation.

- Cet appareil est conçu pour fonctionner sur un courant continu de 12 V avec masse négative.
- Evitez de coincer les câbles sous des vis ou dans des pièces mobiles (par exemple, armature de siège).
- Avant d'effectuer des raccordements, coupez le moteur pour éviter les courts-circuits.
- Branchez le câble d'alimention ③ sur l'appareil et les haut-parleurs avant de le brancher sur le connecteur d'alimentation auxiliaire.
- **Rassemblez tous les câbles de terre en un point de masse commun.**
- Veillez à isoler tout câble ou câble non connecté avec du ruban isolant.
- Ne recouvrez pas les orifi ces d'aération ou les dissipateurs thermiques de l'appareil.

Remarques sur le câble d'alimentation (jaune)
- Lorsque cet appareil est raccordé à d'autres équipements stéréo, la valeur nominale des circuits du véhicule raccordés doit être supérieure à la somme des fusibles de chaque élément.
- Si aucun circuit de la voiture n'est assez puissant, raccordez directement l'appareil à la batterie.

Exemple de raccordement 2

***Remarques* (2-A)**
- *Raccordez d'abord le câble de mise à la masse avant de connecter l'amplificateur.*
- *L'alarme est émise uniquement lorsque l'amplificateur intégré est utilisé.*

***Conseils* (2-B)**
- *En cas de raccordement d'un seul changeur CD uniquement ou d'autres appareils en option, raccordez-le/les directement à cet appareil.*
- *Le sélecteur de source XA-C40 (non fourni) est nécessaire pour raccorder deux changeurs CD ou plus ou d'autres appareils en option.*

Schémas de raccordement 3

A Au niveau du AMP REMOTE IN d'un amplificateur de puissance facultatif
Ce raccordement existe seulement pour les amplificateurs. Le raccordement à tout autre système peut endommager l'appareil.

B Vers le cordon de liaison d'un téléphone de voiture

Avertissement
Si vous disposez d'une antenne électrique sans boîtier de relais, le branchement de cet appareil au moyen du cordon d'alimentation fourni ③ risque d'endommager l'antenne.

Remarques sur les câbles de commande et d'alimentation
- *Le câble de commande (bleu) fournit du courant continu de +12 V lorsque vous mettez le tuner sous tension ou lorsque vous activez la fonction AF (fréquence alternative) ou TA (informations de circulation).*
- *Lorsque votre voiture est équipée d'une antenne FM/MW (GO)/LW (PO) intégrée dans la vitre arrière/latérale, raccordez le câble de commande d'antenne (bleu) ou l'entrée d'alimentation des accessoires (rouge) au bornier de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre revendeur.*
- *Une antenne électrique sans boîtier de relais ne peut pas être utilisée avec cet appareil.*

Raccordement pour la conservation de la mémoire
Lorsque le câble de commande d'antenne jaune est connecté, le circuit de la mémoire est alimenté en permanence même si la clé de contact est en position d'arrêt.

Remarques sur le raccordement des haut-parleurs
- *Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.*
- *Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms et une capacité adéquate sous peine de les endommager.*
- *Ne raccordez pas les bornes du système de haut-parleurs au châssis de la voiture et ne raccordez pas les bornes du haut-parleur droit à celles du haut-parleur gauche.*
- *Ne raccordez pas le câble de mise à la masse de cet appareil à la borne négative (–) du haut-parleur.*
- *Ne tentez pas de raccorder les haut-parleurs en parallèle.*
- *Connecter uniquement des haut-parleurs passifs. La connexion de haut-parleurs actifs (avec des amplificateurs intégrés) aux bornes des haut-parleurs pourrait endommager l'appareil.*
- *Pour éviter tout problème de fonctionnement, n'utilisez pas les câbles des haut-parleurs intégrés installés dans votre voiture si l'appareil dispose d'un câble négatif commun (–) pour les haut-parleurs droit et gauche.*
- *Ne raccordez pas entre eux les cordons des haut-parleurs de l'appareil.*

Remarque sur le raccordement
Si les haut-parleurs et l'amplificateur ne sont pas raccordés correctement, le message « FAILURE » s'affiche. Dans ce cas, assurez-vous que les haut-parleurs et l'amplificateur sont raccordés correctement.

Attenzione

Assicurarsi di installare l'apparecchio nel cruscotto dell'auto, poiché la parte posteriore dell'apparecchio stesso si surriscalda durante l'uso.

- Questo apparecchio è stato progettato per l'uso solo a 12 V CC con massa negativa.
- Evitare che i cavi rimangano bloccati da una vite o incastrati nelle parti mobili (ad esempio nelle guide scorrevoli dei sedili).
- Prima di effettuare i collegamenti, spegnere il motore dell'automobile onde evitare di causare cortocircuiti.
- Collegare il cavo di collegamento dell'alimentazione ③ all'apparecchio e ai diffusori prima di collegarlo al connettore di alimentazione accessoria.
- **Portare tutti i cavi di massa a un punto di massa comune.**
- Per sicurezza, assicurarsi di isolare qualsiasi cavo non collegato utilizzando del nastro adesivo.
- Non ostruire le prese di ventilazione o i dispersori di calore dell'apparecchio.

Note sul cavo di alimentazione (giallo)
- Se questo apparecchio viene collegato in combinazione con altri componenti stereo, la potenza nominale dei circuiti dell'automobile deve essere superiore a quella prodotta dalla somma dei fusibili di ciascun componente.
- Se la potenza nominale dei circuiti dell'automobile non è sufficiente, collegare l'apparecchio direttamente alla batteria.

Esempio di collegamento 2

***Note* (2-A)**
- *Assicurarsi di collegare il cavo di terra prima di collegare l'apparecchio all'amplificatore.*
- *L'allarme viene emesso solo se è in uso l'amplificatore incorporato.*

***Suggerimenti* (2-B)**
- *Se si collega unicamente un singolo cambia CD o un altro dispositivo opzionale, effettuare il collegamento direttamente alla presente unità.*
- *Per effettuare il collegamento di due o più cambia CD o altri dispositivi opzionali, è necessario utilizzare il selettore di sorgente XA-C40 (non in dotazione).*

Schema di collegamento 3

A Ad AMP REMOTE IN di un amplificatore di potenza opzionale
Questo collegamento è riservato esclusivamente agli amplificatori. Non collegare un tipo di sistema diverso onde evitare di causare danni all'apparecchio.

B Al cavo di interfaccia di un telefono per auto

Avvertenza
Quando si collega l'apparecchio con il cavo di alimentazione in dotazione ③, si potrebbe danneggiare l'antenna elettrica se questa non dispone di scatola a relè.

Note sui cavi di controllo e di alimentazione
- *Il cavo (blu) di controllo dell'antenna elettrica fornisce alimentazione pari a +12 V CC quando si attiva il sintonizzatore oppure la funzione TA (notiziario sul traffico) o AF (frequenza alternativa).*
- *Se l'automobile è dotata di antenna FM/MW/LW incorporata nel vetro posteriore/laterale, collegare il cavo (blu) di controllo dell'antenna elettrica o il cavo (rosso) di ingresso dell'alimentazione accessoria al terminale di alimentazione del preamplificatore dell'antenna esistente. Per ulteriori informazioni, consultare il proprio fornitore.*
- *Non è possibile usare un'antenna elettrica senza scatola a relè con questo apparecchio.*

Collegamento per la conservazione della memoria
Quando il cavo di ingresso alimentazione giallo è collegato, viene sempre fornita alimentazione al circuito di memoria anche quando l'interruttore di accensione è spento.

Note sul collegamento dei diffusori
- *Prima di collegare i diffusori spegnere l'apparecchio.*
- *Usare diffusori di impedenza compresa tra 4 e 8 ohm e con capacità di potenza adeguata, altrimenti i diffusori potrebbero venire danneggiati.*
- *Non collegare i terminali del sistema diffusori al telaio dell'auto e non collegare i terminali del diffusore destro a quelli del diffusore sinistro.*
- *Non collegare il cavo di terra di questo apparecchio al terminale negativo (–) del diffusore.*
- *Non collegare i diffusori in parallelo.*
- *Assicurarsi di collegare soltanto diffusori passivi, poiché il collegamento di diffusori attivi, dotati di amplificatori incorporati, ai terminali dei diffusori potrebbe danneggiare l'apparecchio.*
- *Per evitare problemi di funzionamento, non utilizzare i cavi dei diffusori incorporati installati nell'automobile se l'apparecchio condivide un cavo comune negativo (–) per i diffusori destro e sinistro.*
- *Non collegare fra loro i cavi dei diffusori dell'apparecchio.*

Nota sui collegamenti
Se l'amplificatore e il diffusore non sono collegati correttamente, "FAILURE" viene visualizzato nel display. In tal caso, accertarsi che l'amplificatore e il diffusore siano collegati correttamente.

Let op

Installeer dit apparaat in het dashboard van de auto omdat de achterkant van het apparaat tijdens gebruik heet kan worden.

- Dit apparaat is ontworpen voor gebruik op een auto-accu van 12 V gelijkstroom, negatief geaard.
- Zorg ervoor dat de draden niet onder een schroef of tussen bewegende onderdelen (b.v. zetelrail) terechtkomen.
- Voordat u de aansluitingen maakt, moet u het contact uitzetten om kortsluiting te vermijden.
- Sluit het netsnoer ③ aan op het apparaat en de luidsprekers voordat u het aansluit op de hulpvoedingsaansluiting.
- **Sluit alle aarddraden op een gemeenschappelijk aardpunt aan.**
- Voorzie niet aangesloten draden om veiligheidsredenen altijd van isolatietape.
- Dek de ventilatieopeningen of koelplaten van het apparaat niet af.

Opmerkingen bij de voedingskabel (geel)
- Wanneer u dit apparaat aansluit samen met andere componenten, moet het vermogen van de aangesloten autostroomkring groter zijn dan de som van de zekeringen van elke component afzonderlijk.
- Wanneer het vermogen ontoereikend is, moet u het apparaat rechtstreeks aansluiten op de accu.

Voorbeeldaansluitingen 2

***Opmerkingen* (2-A)**
- *Sluit eerst de aarddraad aan voordat u de versterker aansluit.*
- *U hoort de pieptoon alleen als de ingebouwde versterker wordt gebruikt.*

***Tips* (2-B)**
- *Wanneer u slechts één CD-wisselaar of een ander optioneel apparaat wilt aansluiten, moet u deze rechtstreeks op dit apparaat aansluiten.*
- *Als u twee of meer CD-wisselaars of andere optionele apparaten wilt aansluiten, moet u de geluidsbronkiezer XA-C40 (niet bijgeleverd) gebruiken.*

Aansluitschema 3

A Naar AMP REMOTE IN van een optionele eindversterker
Deze aansluiting is alleen bedoeld voor versterkers. Door een ander systeem aan te sluiten kan het apparaat worden beschadigd.

B Naar het interface-snoer van een autotelefoon

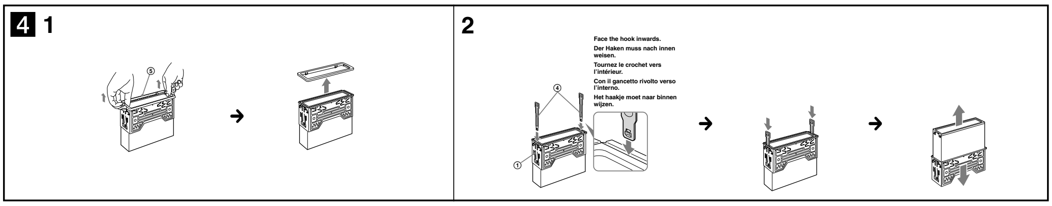
Waarschuwing
Indien u een elektrische antenne hebt zonder relaiskast, kan het aansluiten van dit apparaat met het bijgeleverde netsnoer ③ de antenne beschadigen.

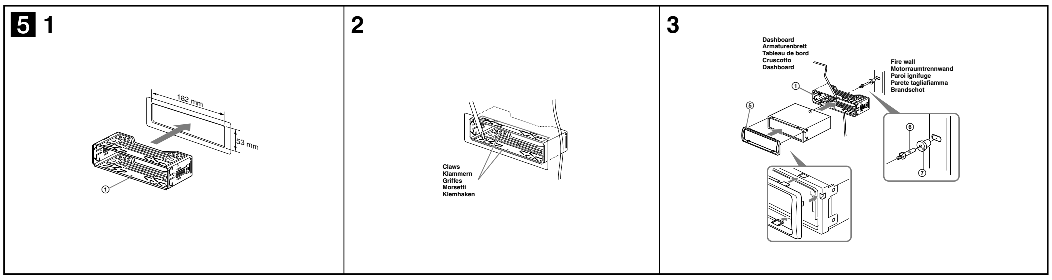
Opmerkingen over de bedienings- en voedingskabels
- *De bedieningskabel voor de elektrische antenne (blauw) levert +12 V gelijkstroom wanneer u de tuner inschakelt of de AF (Alternative Frequency) of TA (Traffic Announcement) functie activeert.*
- *Wanneer uw auto is uitgerust met een FM/MW/LW-antenne in de achterruit/zijruit, moet u de bedieningskabel voor de elektrische antenne (blauw) of de hulpvoedingskabel (rood) aansluiten op de voedingsingang van de bestaande antenneversterker. Raadpleeg uw dealer voor meer details.*
- *Met dit apparaat is het niet mogelijk een elektrische antenne zonder relaiskast te gebruiken.*

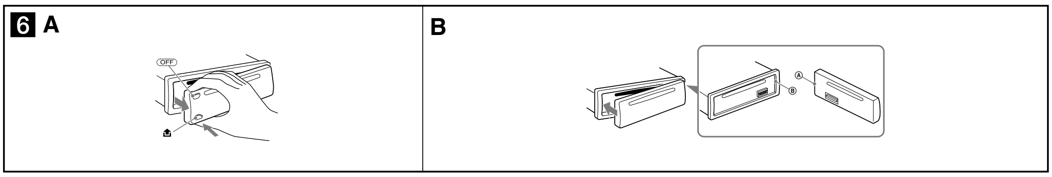
Instandhouden van het geheugen
Zolang de gele stroomdraad is aangesloten, blijft de stroomvoorziening van het geheugen intact, ook wanneer het contact van de auto wordt uitgeschakeld.

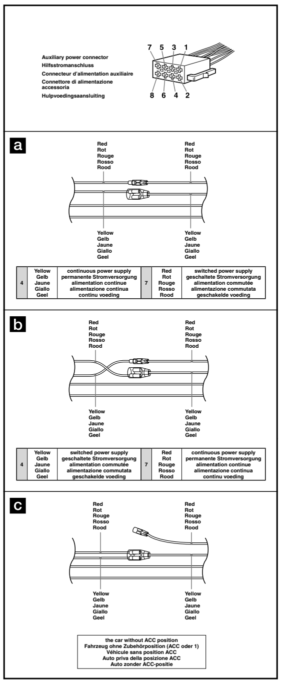
Opmerkingen betreffende het aansluiten van de luidsprekers
- *Zorg dat het apparaat is uitgeschakeld, alvorens de luidsprekers aan te sluiten.*
- *Gebruik luidsprekers met een impedantie van 4 tot 8 Ohm en let op dat die het vermogen van de versterker kunnen verwerken. Als u dit niet doet, kunnen de luidsprekers ernstig beschadigd raken.*
- *Verbind in geen geval de aansluitingen van de luidsprekers met het chassis van de auto en sluit de aansluitingen van de rechter- en linkerluidspreker niet op elkaar aan.*
- *Verbind de aarddraad van dit apparaat niet met de negatieve (–) aansluiting van de luidspreker.*
- *Probeer nooit de luidsprekers parallel aan te sluiten.*
- *Sluit geen actieve luidsprekers (met ingebouwde versterkers) aan op de luidsprekeraansluiting van dit apparaat. Dit zal leiden tot beschadiging van de actieve luidsprekers. Sluit dus altijd uitsluitend luidsprekers zonder ingebouwde versterker aan.*
- *Om defecten te vermijden mag u de bestaande luidsprekerbedrading in uw auto niet gebruiken wanneer er een gemeenschappelijke negatieve (–) draad is voor de rechter- en linkerluidsprekers.*
- *Verbind de luidsprekerdraden niet met elkaar.*

Opmerking over aansluiten
Als de luidspreker en versterker niet correct zijn aangesloten, wordt "FAILURE" in het display weergegeven. In dit geval moet u zorgen dat de luidspreker en versterker correct zijn aangesloten.









Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperature, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Removing the protection collar and the bracket 4

Before installing the unit, remove the protection collar ⑤ and the bracket ① from the unit.

1. **Remove the protection collar ⑤.**
   Pinch both edges of the protection collar ⑤, then pull it out.
2. **Remove the bracket ①.**
   ❶ Insert both release keys ④ together between the unit and the bracket ① until they click.
   ❷ Pull down the bracket ①, then pull up the unit to separate.

Mounting example 5

Installation in the dashboard

Notes
- *Bend these claws outward for a tight fit, if necessary (5-2).*
- *Make sure that the 4 catches on the protection collar ⑤ are properly engaged in the slots of the unit (5-3).*

How to detach and attach the front panel 6

Before installing the unit, detach the front panel.

6-A To detach

Before detaching the front panel, be sure to press (OFF). Press ⏏, and pull it off towards you.

6-B To attach

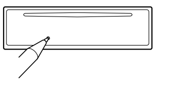
Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions.
The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold (OFF) until the display disappears each time you turn the ignition off.

RESET button

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc., after detaching the front panel.



Sicherheitshinweise

- Wählen Sie den Einbauort sorgfältig so aus, dass das Gerät beim Fahren nicht hinderlich ist.
- Bauen Sie das Gerät so ein, dass es keinen hohen Temperaturen (keinem direkten Sonnenlicht, keiner Warmluft von der Heizung), keinem Staub, keinem Schmutz und keinen starken Vibrationen ausgesetzt ist.
- Für eine sichere Befestigung verwenden Sie stets die mitgelieferten Montageteile.

Hinweis zum Montagewinkel

Das Gerät sollte in einem Winkel von weniger als 45° montiert werden.

Abnehmen der Schutzumrandung und der Halterung 4

Nehmen Sie vor dem Installieren des Geräts die Schutzumrandung ⑤ und die Halterung ① vom Gerät ab.

1. **Entfernen Sie die Schutzumrandung ⑤.**
   Fassen Sie die Schutzumrandung ⑤ mit den Fingern an den Seitenkanten und ziehen Sie sie heraus.
2. **Entfernen Sie die Halterung ①.**
   ❶ Führen Sie beide Löseschlüssel ④ zwischen dem Gerät und der Halterung ① ein, bis sie mit einem Klicken einrasten.
   ❷ Ziehen Sie die Halterung ① nach unten und das Gerät nach oben, um die beiden zu trennen.

Montagebeispiel 5

Installation im Armaturenbrett

Hinweise
- *Falls erforderlich, biegen Sie diese Klammern für einen sicheren Halt nach außen (5-2).*
- *Achten Sie darauf, die 4 Verriegelungen an der Schutzumrandung ⑤ korrekt in die Aussparungen am Gerät einzusetzen (5-3).*

Abnehmen und Anbringen der Frontplatte 6

Nehmen Sie die Frontplatte vor dem Einbau des Geräts ab.

6-A Abnehmen

Schalten Sie das Gerät vor dem Abnehmen der Frontplatte unbedingt mit (OFF) aus. Drücken Sie ⏏ und ziehen Sie sie auf sich zu heraus.

6-B Anbringen

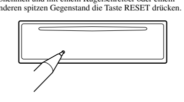
Setzen Sie Teil Ⓐ der Frontplatte wie in der Abbildung dargestellt an Teil Ⓑ des Geräts an und drücken Sie die linke Seite der Frontplatte an, bis sie mit einem Klicken einrastet.

Warnhinweis, wenn die Zündung Ihres Fahrzeugs nicht über eine Zubehörposition (ACC oder I) verfügt

Aktivieren Sie unbedingt die Abschaltautomatik. Näheres dazu finden Sie in der mitgelieferten Bedienungsanleitung.
Nach dem Ausschalten wird das Gerät dann nach der voreingestellten Zeit automatisch vollständig abgeschaltet, so dass der Autobatterie kein Strom mehr entzogen wird.
Wenn Sie die Abschaltautomatik nicht aktivieren, müssen Sie jedes Mal, wenn Sie die Zündung ausschalten, die Taste (OFF) gedrückt halten, bis die Anzeige ausgeblendet wird.

Taste RESET

Wenn Sie das Gerät eingebaut und alle Anschlüsse vorgenommen haben, müssen Sie die Frontplatte abnehmen und mit einem Kugelschreiber oder einem anderen spitzen Gegenstand die Taste RESET drücken.



Précautions

- Choisissez soigneusement l'emplacement de l'installation afin que l'appareil ne gêne pas la conduite normale du véhicule.
- Evitez d'installer l'appareil dans un endroit exposé à de la poussière, de la saleté, des vibrations violentes ou à des températures élevées, comme en plein soleil ou à proximité d'un conduit de chauffage.
- Pour garantir un montage sûr, n'utilisez que le matériel fourni.

Réglage de l'angle de montage

Ajustez l'inclinaison à un angle inférieur à 45°.

Retrait du tour de protection et du support 4

Avant d'installer l'appareil, retirez le tour de protection ⑤ et le support ① de l'appareil.

1. **Enclenchez le tour de protection ⑤.**
   Saisissez les deux bords du tour de protection ⑤, puis tirez pour extraire l'appareil.
2. **Retirez le support ①.**
   ❶ Insérez les deux clés de déblocage ④ simultanément entre l'appareil et le support ① jusqu'au déclic indiquant qu'elles sont en place.
   ❷ Tirez le support ① vers le bas, puis tirez l'appareil vers le haut pour les séparer.

Exemple de montage 5

Installation dans le tableau de bord

Remarques
- *Pliez ces griffes vers l'extérieur pour assurer une prise correcte si nécessaire (5-2).*
- *Assurez-vous que les 4 loquets du tour de protection ⑤ sont correctement insérés dans les fentes de l'appareil (5-3).*

Retrait et fixation de la façade 6

Avant d'installer l'appareil, retirez la façade.

6-A Pour la retirer

Avant de retirer la façade, n'oubliez pas d'appuyer sur (OFF). Appuyez ensuite sur ⏏, puis faites glisser la façade vers vous.

6-B Pour la mettre en place

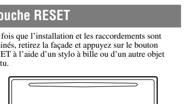
Fixez la partie Ⓐ de la façade sur la partie Ⓑ de l'appareil, comme indiqué sur l'illustration, puis appuyez sur le côté gauche jusqu'au déclic.

Avertissement au cas où le contact de votre voiture ne dispose pas d'une position ACC

Veillez à régler la fonction de mise hors tension automatique. Pour plus de détails, reportez-vous au mode d'emploi fourni.
L'appareil s'éteint complètement et automatiquement après le laps de temps choisi une fois l'appareil mis hors tension afin d'éviter que la batterie ne se décharge.
Si vous ne réglez pas la fonction de mise hors tension automatique, appuyez sur la touche (OFF) et maintenez-la enfoncée jusqu'à ce que l'affichage disparaisse à chaque fois que vous coupez le contact.

Touche RESET

Une fois que l'installation et les raccordements sont terminés, retirez la façade et appuyez sur le bouton RESET à l'aide d'un stylo à bille ou d'un autre objet pointu.



Precauzioni

- Scegliere con attenzione la posizione per l'installazione in modo che l'apparecchio non interferisca con le operazioni di guida del conducente.
- Evitare di installare l'apparecchio dove sia soggetto ad alte temperature, come alla luce solare diretta o al getto di aria calda dell'impianto di riscaldamento, o dove possa essere soggetto a polvere, sporcizia e vibrazioni eccessive.
- Usare solo il materiale di montaggio in dotazione per un'installazione stabile e sicura.

Regolazione dell'angolo di montaggio

Regolare l'angolo di montaggio in modo che sia inferiore a 45°.

Rimozione della staffa e della cornice di protezione 4

Prima di installare l'apparecchio, rimuovere la cornice di protezione ⑤ e la staffa ① dall'apparecchio.

1. **Rimuovere la cornice di protezione ⑤.**
   Afferrare la cornice di protezione ⑤ dai bordi laterali, quindi estrarla.
2. **Rimuovere la staffa ①.**
   ❶ Inserire contemporaneamente entrambe le chiavette di rilascio ④ tra l'apparecchio e la staffa ① fino a che non scattano in posizione.
   ❷ Estrarre la staffa ①, quindi sollevare l'apparecchio per rimuoverlo.

Esempio di montaggio 5

Installazione nel cruscotto

Note
- *Piegare verso l'esterno questi morsetti per un'installazione più sicura, se necessario (5-2).*
- *Assicurarsi che i 4 fermi sulla cornice di protezione ⑤ siano correttamente inseriti negli alloggiamenti dell'apparecchio (5-3).*

Rimozione e applicazione del pannello anteriore 6

Prima di installare l'apparecchio rimuovere il pannello anteriore.

6-A Per rimuoverlo

Prima di rimuovere il pannello anteriore, premere (OFF). Premere ⏏, quindi tirare verso di sé il pannello anteriore.

6-B Per applicarlo

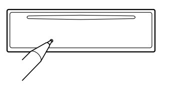
Applicare la parte Ⓐ del pannello anteriore alla parte Ⓑ dell'apparecchio come mostrato nell'illustrazione e premere il lato sinistro fino a sentire uno scatto.

Avvertenza relativa all'installazione su un'auto sprovvista della posizione ACC (accessoria) sul blocchetto di accensione

Accertarsi di impostare la funzione di spegnimento automatico. Per ulteriori informazioni, fare riferimento alle istruzioni per l'uso in dotazione.
L'apparecchio si spegne completamente e automaticamente all'ora impostata dopo che è stato disattivato, onde evitare che la batteria si scarichi.
Se la funzione di spegnimento automatico non è stata impostata, ogni volta che il motore viene spento tenere premuto (OFF) finché il display non viene disattivato.

Tasto RESET

Una volta completate le procedure di installazione e i collegamenti, accertarsi di premere il tasto RESET con una penna a sfera o un oggetto simile dopo avere rimosso il pannello anteriore.



Voorzorgsmaatregelen

- Kies de installatieplaats zorgvuldig zodat het apparaat de bestuurder niet hindert tijdens het rijden.
- Installeer het apparaat niet op plaatsen waar het blootgesteld wordt aan hoge temperaturen, b.v. in direct zonlicht of bij de warme luchtstroom van de autoverwarming, aan sterke trillingen, of waar het in contact komt met veel stof of vuil.
- Gebruik voor het veilig en stevig monteren van het apparaat uitsluitend de bijgeleverde montage-onderdelen.

Maximale montagehoek

Installeer het apparaat nooit onder een hoek van meer dan 45° met het horizontale vlak.

De beschermende rand en de beugel verwijderen 4

Voordat u het apparaat gaat installeren, moet u de beschermende rand ⑤ en de beugel ① verwijderen van het apparaat.

1. **Verwijder de beschermende rand ⑤.**
   Druk beide zijden van de beschermende rand ⑤ in en trek de rand naar u toe.
2. **Verwijder de beugel ①.**
   ❶ Plaats de ontgrendelingssleutels ④ tussen het apparaat en de beugel ① tot deze vastklikken.
   ❷ Trek de beugel ① omlaag en trek het apparaat omhoog om deze van elkaar te scheiden.

Montagevoorbeeld 5

Montage in het dashboard

Opmerkingen
- *Indien nodig kunt u deze klemhaken ombuigen voor een steviger bevestiging (5-2).*
- *De 4 grepen op de beschermende rand ⑤ moeten goed in de sleuven van het apparaat zijn geplaatst (5-3).*

Het voorpaneel verwijderen en bevestigen 6

Verwijder, alvorens met het installeren te beginnen, het voorpaneel.

6-A Verwijderen

Vergeet niet, voordat u het voorpaneel verwijdert, eerst op (OFF) te drukken. Druk vervolgens op de ⏏ toets en trek het naar u toe.

6-B Bevestigen

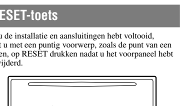
Breng deel Ⓐ van het voorpaneel aan op deel Ⓑ van het apparaat zoals afgebeeld en druk op de linkerzijde tot deze vastklikt.

Waarschuwing als het contactslot van de auto geen ACC-positie heeft

Zorg ervoor dat u de functie voor automatisch uitschakelen instelt. Raadpleeg de bijgeleverde gebruiksaanwijzing voor meer informatie.
Het apparaat wordt na de ingestelde tijd automatisch volledig uitgeschakeld nadat het apparaat is uitgeschakeld. Zo wordt voorkomen dat de accu leegloopt.
Als u de functie voor automatisch uitschakelen niet instelt, moet u (OFF) ingedrukt houden tot het display verdwijnt telkens wanneer u het contact uitschakelt.

RESET-toets

Als u de installatie en aansluitingen hebt voltooid, moet u met een puntig voorwerp, zoals de punt van een balpen, op RESET drukken nadat u het voorpaneel hebt verwijderd.



Power connection diagram

Auxiliary power connector may vary depending on the car. Check your car's auxiliary power connector diagram to make sure the connections match correctly. There are three basic types (illustrated below). You may need to switch the positions of the red and yellow leads in the car stereo's power connecting lead.
After matching the connections and switched power supply leads correctly, connect the unit to the car's power supply. If you have any questions and problems connecting your unit that are not covered in this manual, please consult the car dealer.

Stromanschlussdiagramm

Der Hilfsstromanschluss kann je nach Fahrzeugtyp unterschiedlich sein. Sehen Sie im Hilfsstromanschlussdiagramm für Ihr Fahrzeug nach, wie die Verbindung ordnungsgemäß vorgenommen werden muss. Es gibt, wie unten abgebildet, drei grundlegende Typen. Sie müssen möglicherweise die rote und gelbe Leitung des Stromversorgungskabels der Autostereoanlage vertauschen.
Stellen Sie die Anschlüsse her, schließen Sie die geschalteten Stromversorgungsleitungen richtig an und verbinden Sie dann das Gerät mit der Stromversorgung Ihres Fahrzeugs. Wenn beim Anschließen des Geräts Fragen oder Probleme auftreten, die in dieser Bedienungsanleitung nicht erläutert werden, wenden Sie sich bitte an den Autohändler.

Schéma de raccordement d'alimentation

Le connecteur d'alimentation auxiliaire peut varier suivant le type de voiture. Vérifiez le schéma du connecteur d'alimentation auxiliaire de votre voiture pour vous assurer que les connexions correspondent. Il en existe trois types de base (illustrés ci-dessous). Il se peut que vous deviez commuter la position des fil rouge et jaune du cordon d'alimentation de l'autoradio.
Après avoir établi les connexions et commuté correctement les fils d'alimentation, raccordez l'appareil à l'alimentation de la voiture. Si vous avez des questions ou des difficultés à propos de cet appareil qui ne sont pas abordées dans le présent mode d'emploi, consultez votre concessionnaire automobile.

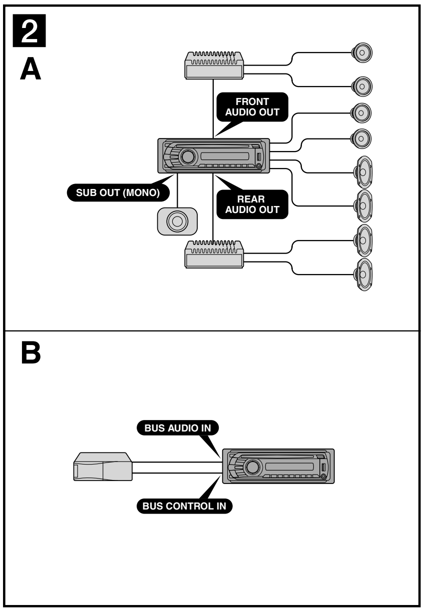
Diagramma dei collegamenti di alimentazione

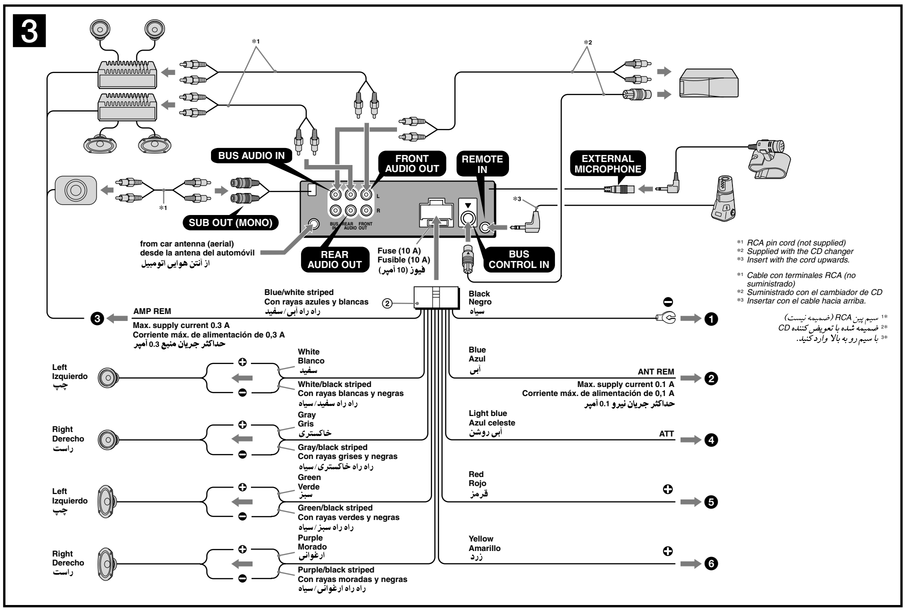
Il connettore di alimentazione accessoria può variare a seconda dell'auto. Controllare il diagramma del connettore di alimentazione accessoria dell'auto per essere sicuri che i collegamenti corrispondano correttamente. Vi sono tre tipi di base (illustrazione sotto). Potrà essere necessario cambiare le posizioni dei fili rosso e giallo nel cavo di alimentazione dello stereo dell'auto.
Dopo aver fatto corrispondere i collegamenti e aver commutato i cavi di alimentazione, collegare l'apparecchio all'alimentazione dell'auto. Se si hanno domande o se sorgono problemi che non sono stati trattati nel manuale nel collegare l'apparecchio, contattare l'autoconcessionario.

Voedingsaansluitschema

De hulpvoedingsaansluiting kan verschillen afhankelijk van de auto. Controleer het voedingsaansluitschema dat bij dit apparaat wordt geleverd om te zien of de aansluitingen kloppen. Er zijn drie basistypes (zie afbeelding hieronder). Het is mogelijk dat u de posities van de rode en gele kabels in het netsnoer van het audiosysteem van de auto moet omwisselen.
Als de aansluitingen en geschakelde voedingskabels kloppen, sluit u het apparaat aan op de voeding van de auto. Indien u nog vragen of problemen hebt in verband met het aansluiten van het apparaat die niet in deze handleiding vermeld staan, raadpleeg dan de autodealer.

(BT3750U)





Cautions

Be sure to install this unit in the dashboard of the car as the rear side of the unit becomes hot during use.

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- Do not cover the ventilation slots or heat sinks of the unit.

Notes on the power supply lead (yellow)
- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Connection example 2

***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

***Tip* (2-B)**
When connecting only a single CD changer or other optional device, connect directly to this unit.

Connection diagram 3

❶ **To a metal surface of the car**
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.

❷ **To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the interface cable of a car telephone**

❺ **To the +12 V power terminal which is energized in the accessory position of the ignition switch**
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❻ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Precauciones

Asegúrese de instalar la unidad en el tablero del automóvil, ya que la parte posterior de la unidad se calienta durante el uso.

- Esta unidad ha sido diseñada para alimentarse solamente con cc de 12 V de masa negativa.
- No coloque los cables debajo de ningún tornillo, ni los aprisione con partes móviles (p. ej. los raíles del asiento).
- Antes de realizar las conexiones, desactive el encendido del automóvil para evitar cortocircuitos.
- Conecte los cables de entrada de alimentación **amarillo** y **rojo** solamente después de haber conectado los demás.
- **Conecte todos los cables de conexión a masa a un punto común.**
- Por razones de seguridad, asegúrese de aislar con cinta aislante los cables sueltos que no estén conectados.
- No cubra las ranuras ni las rejillas de ventilación de la unidad.

Notas sobre el cable de fuente de alimentación (amarillo)
- Cuando conecte esta unidad en combinación con otros componentes estéreo, la capacidad nominal del circuito conectado del automóvil debe ser superior a la suma del fusible de cada componente.
- Si no hay circuitos del automóvil con capacidad nominal suficientemente alta, conecte la unidad directamente a la batería.

Ejemplo de conexión 2

***Notas* (2-A)**
- *Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.*
- *La alarma sonará solamente si se utiliza el amplificador integrado.*

***Sugerencia* (2-B)**
Cuando conecte un solo cambiador de CD u otro dispositivo opcional, hágalo directamente a esta unidad.

Diagrama de conexión 3

❶ **A una superficie metálica del automóvil**
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de entrada de alimentación.

❷ **Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena**
Notas
- *Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil dispone de una antena de FM/AM integrada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❸ **A AMP REMOTE IN de un amplificador de potencia opcional**
Esta conexión es solamente para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

❹ **Al cable de interfaz de un teléfono para automóvil**

❺ **Al terminal de alimentación de +12 V que recibe energía en la posición de accesorios del interruptor de la llave de encendido**
Notas
- *Si no hay posición de accesorios, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.*
  Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- *Si el automóvil dispone de una antena de FM/AM integrada en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❻ **Al terminal de alimentación de +12 V que recibe energía sin interrupción**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena motorizada (azul) suministrará cc de +12 V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena de FM/AM integrada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de entrada de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.*
- *Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.*

Conexión para protección de la memoria
Si conecta el cable de entrada de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de la llave de encendido.

Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 ? con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de conexión a masa de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores integrados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallas de funcionamiento, no utilice los cables de altavoz integrados instalados en el automóvil si la unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.

احتیاطات

حتما این دستگاه را در داشبورد اتومبیل نصب کنید زیرا سمت پشت دستگاه در حین استفاده داغ می شود.

- این دستگاه تنها برای عملیات برق مستقیم 12 ولت منفی زمین طراحی شده است.
- سیم را زیر یک پیچ قرار ندهید، یا میان قطعات متحرک (برای مثال ریل صندلی) گیر ندهید.
- قبل از ایجاد اتصالات، احتراق اتومبیل را خاموش کنید تا از اتصالات کوتاه جلوگیری کنید.
- سیم های منبع برق **زرد** و **قرمز** را تنها هنگامی که سایر سیم ها وصل شده اند وصل کنید.
- **تمام سیم های زمین را به یک نقطه مشترک زمین بکشید.**
- حتما به منظور ایمنی هر سیم وصل نشده شل را با نوار چسب برقی عایق بندی کنید.
- حفره های گرما یا شکاف های تهویه دستگاه را نپوشانید.

نکات در مورد سیم منبع برق (زرد)
- هنگام وصل کردن این دستگاه در ترکیب با دستگاه های استریو دیگر، سطح مدار اتومبیل وصل شده باید از مجموع فیوز هر دستگاه بالاتر باشد.
- هنگامی که هیچ مدار اتومبیل به اندازه کافی بالا نیست، دستگاه را مستقیما به باتری وصل کنید.

نمونه اتصال 2

نکات (2-A)
- *حتما سیم زمین را پیش از اتصال آمپلی فایر وصل کنید.*
- *تنها هنگام استفاده از آمپلی فایر داخلی زنگ صدا می کند.*

اشاره (2-B)
هنگام اتصال تنها یک تعویض کننده CD یا دستگاه اختیاری دیگر، مستقیم به این دستگاه وصل کنید.

نمودار اتصال 3

❶ **به یک سطح فلزی اتومبیل**
ابتدا سیم سیاه زمین را وصل کنید، سپس سیم های منبع زرد و قرمز را وصل کنید.

❷ **به سیم کنترل آنتن هوایی برقی یا سیم منبع برق آمپلی فایر تقویت کننده آنتن هوایی**
نکات
- *در صورتی که آنتن هوایی برقی یا تقویت کننده آنتن هوایی وجود ندارد، وصل کردن این سیم ضروری نیست.*
- *هنگامی که اتومبیل شما دارای یک آنتن هوایی FM/AM در شیشه عقبی/کناری می باشد، "نکات در مورد سیم های کنترل و منبع برق" را ملاحظه نمایید.*

❸ **به AMP REMOTE IN یک آمپلی فایر برقی اختیاری**
این اتصال تنها برای آمپلی فایرها است. اتصال هر سیستم دیگری می تواند باعث صدمه به دستگاه شود.

❹ **به کابل رابط تلفن اتومبیل**

❺ **به ترمینال برق 12+ ولت که در موقعیت جانبی کلید احتراق نیرو می گیرد**
نکات
- *اگر هیچ موقعیت جانبی وجود ندارد، به ترمینال برق (باتری) 12+ ولت که همواره نیرو می گیرد وصل کنید. حتما ابتدا سیم سیاه زمین را به سطح فلزی اتومبیل وصل کنید.*
- *هنگامی که اتومبیل شما دارای یک آنتن هوایی FM/AM در شیشه عقبی/کناری می باشد، "نکات در مورد سیم های کنترل و منبع برق" را ملاحظه نمایید.*

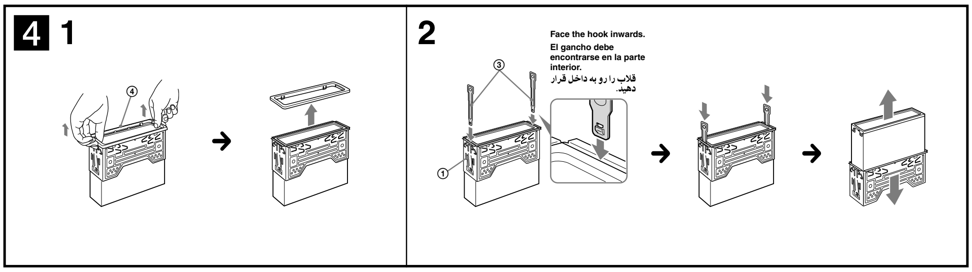
❻ **به ترمینال برق 12+ ولت که همواره نیرو می گیرد**
حتما ابتدا سیم سیاه زمین را به سطح فلزی اتومبیل وصل کنید.

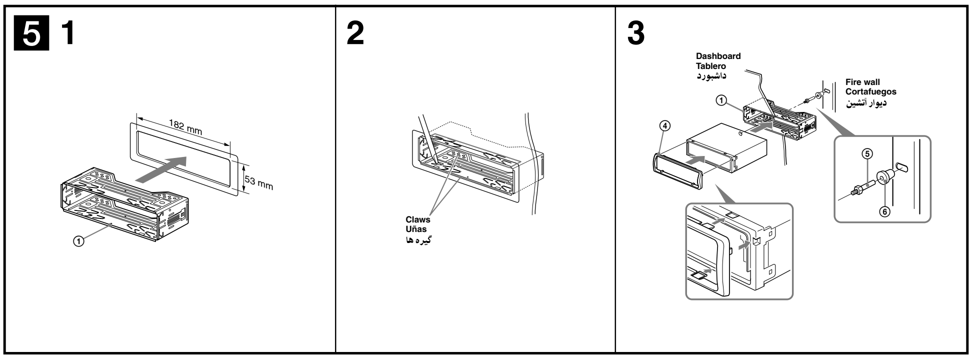
نکات در مورد سیم های کنترل و منبع برق
- *هنگامی که شما موج یاب را روشن می کنید سیم کنترل آنتن هوایی برقی (آبی) برق مستقیم 12+ ولت را تامین می کند.*
- *هنگامی که اتومبیل شما دارای یک آنتن هوایی FM/AM در شیشه عقبی/کناری می باشد، سیم کنترل آنتن هوایی برقی (آبی) یا سیم منبع برق جانبی (قرمز) را به ترمینال برق تقویت کننده آنتن هوایی موجود وصل کنید. برای جزئیات، با فروشنده خود مشورت نمایید.*
- *یک آنتن هوایی بدون یک ایستگاه تقویت نمی تواند با این دستگاه مورد استفاده قرار گیرد.*

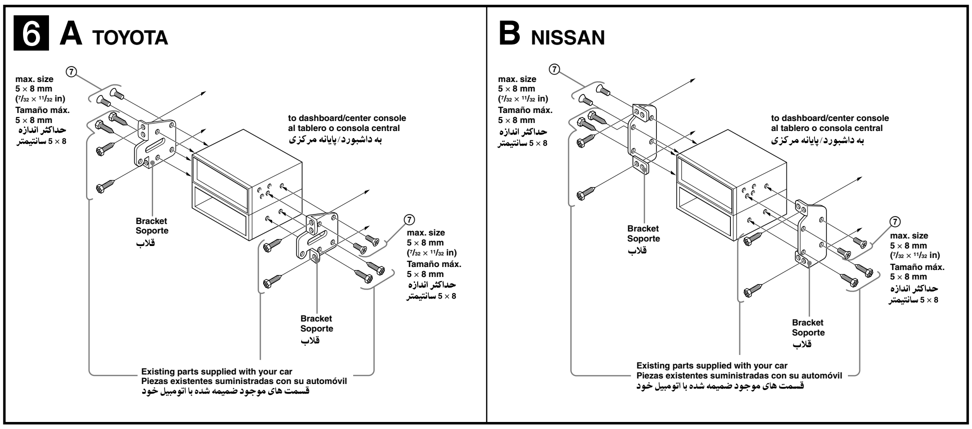
اتصال حفظ حافظه
هنگامی که سیم منبع برق زرد وصل شده است، برق همواره به مدار حافظه تامین می شود حتی هنگامی که کلید احتراق خاموش است.

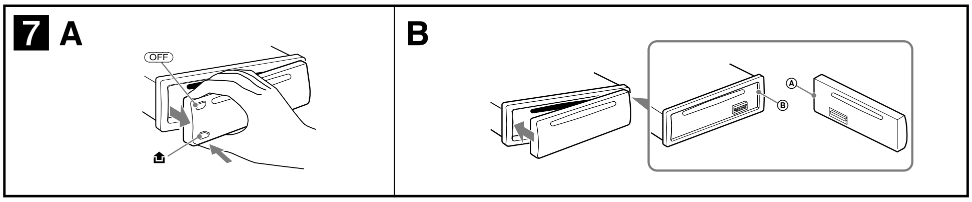
نکات در مورد اتصال بلندگو
- *پیش از وصل کردن بلندگوها، دستگاه را خاموش کنید.*
- *از بلندگوها با امپدانس 4 تا 8 اهم، و با ظرفیت بالای برق استفاده کنید تا از صدمه به آن جلوگیری شود.*
- *ترمینال های بلندگو را به شاسی اتومبیل وصل نکنید، یا ترمینال های بلندگوهای راست را به ترمینال های بلندگوهای چپ وصل نکنید.*
- *سیم زمین این دستگاه را به ترمینال منفی (–) بلندگو وصل نکنید.*
- *سعی نکنید بلندگوها را بطور موازی وصل کنید.*
- *تنها بلندگوهای غیر فعال را وصل کنید. وصل کردن بلندگوهای فعال (با تقویت کننده های داخلی) به ترمینال های بلندگو ممکن است به دستگاه صدمه وارد کند.*
- *برای اجتناب از یک سوء عملکرد، از سیم های بلندگوی داخلی نصب شده در اتومبیل خود در صورتی که دستگاه دارای یک سیم منفی (–) مشترک برای بلندگوهای راست و چپ می باشد استفاده نکنید.*
- *سیم های بلندگوی دستگاه را به یکدیگر وصل نکنید.*

نکته در مورد اتصال
اگر بلندگو و آمپلی فایر بطور صحیح وصل نشده باشند، "FAILURE" در صفحه نمایش ظاهر می شود. در چنین حالتی، مطمئن شوید که بلندگو و آمپلی فایر بطور صحیح نصب شده اند.









Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Removing the protection collar and the bracket 4

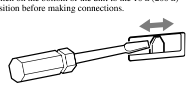
Before installing the unit, remove the protection collar ④ and the bracket ① from the unit.

1 **Remove the protection collar ④.**
Pinch both edges of the protection collar ④, then pull it out.

2 **Remove the bracket ①.**
❶ Insert both release keys ③ together between the unit and the bracket ① until they click.
❷ Pull down the bracket ①, then pull up the unit to separate.

Frequency select switch

(BT3750U: E, Mexican and Indian models only)
The AM (FM) tuning interval is factory-set to the 9 k (50 k) position. If the frequency allocation system of your country is based on 10 kHz (200 kHz) interval, set the switch on the bottom of the unit to the 10 k (200 k) position before making connections.



Mounting example 5

Installation in the dashboard

Notes
- *Bend these claws outward for a tight fit, if necessary (5-2).*
- *Make sure that the 4 catches on the protection collar ④ are properly engaged in the slots of the unit (5-3).*

Mounting the unit in a Japanese car 6

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note
To prevent malfunction, install only with the supplied screws ⑦.

How to detach and attach the front panel 7

Before installing the unit, detach the front panel.

7-A To detach

Before detaching the front panel, be sure to press (OFF). Press ⏏, and pull it off towards you.

7-B To attach

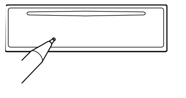
Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions.
The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold (OFF) until the display disappears each time you turn the ignition off.

RESET button

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc., after detaching the front panel.



Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar sometida a polvo, suciedad, vibraciones excesivas o altas temperaturas como, por ejemplo, a la luz solar directa o cerca de conductos de calefacción.
- Para realizar una instalación segura y firme, utilice solamente elementos de instalación suministrados.

Ajuste del ángulo de montaje

Ajuste el ángulo de montaje a menos de 45°.

Extracción del marco de protección y del soporte 4

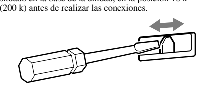
Antes de instalar la unidad, retire el marco de protección ④ y el soporte ① de la misma.

1 **Retire el marco de protección ④.**
Apriete ambos bordes del marco de protección ④ y, a continuación, tire de él hacia fuera.

2 **Retire el soporte ①.**
❶ Inserte ambas llaves de liberación ③ entre la unidad y el soporte ① hasta que encajen.
❷ Presione el soporte ① y, a continuación, levante la unidad para separar ambos elementos.

Selector de frecuencia

El intervalo de sintonía de AM (FM) ha sido ajustado en fábrica a la posición 9 k (50 k). Si el sistema de asignación de frecuencias de su país se basa en el intervalo de 10 kHz (200 kHz), ponga este selector, situado en la base de la unidad, en la posición 10 k (200 k) antes de realizar las conexiones.



Ejemplo de montaje 5

Instalación en el tablero

Notas
- *Si es necesario, doble estos ganchos hacia fuera para que encaje firmemente (5-2).*
- *Compruebe que los 4 enganches del marco de protección ④ estén bien fijados en las ranuras de la unidad (5-3).*

Montaje de la unidad en un automóvil japonés 6

Es posible que no pueda instalar esta unidad en algunos automóviles japoneses. En tal caso, consulte a su distribuidor Sony.

Nota
Para evitar que se produzcan fallas de funcionamiento, realice la instalación solamente con los tornillos suministrados ⑦.

Forma de extraer e instalar el panel frontal 7

Antes de instalar la unidad, extraiga el panel frontal.

7-A Para extraerlo

Antes de extraer el panel frontal, asegúrese de presionar (OFF). Después presione ⏏ y tire de él hacia usted.

7-B Para instalarlo

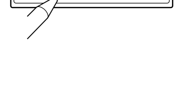
Coloque el orificio Ⓐ del panel frontal en el eje Ⓑ de la unidad y, a continuación, presione ligeramente el lado izquierdo hacia adentro.

Advertencia: si el encendido del automóvil no dispone de una posición ACC

Asegúrese de ajustar la función de desconexión automática. Para obtener más información, consulte el manual de instrucciones suministrado.
La unidad se apagará completa y automáticamente en el tiempo establecido después de que se desconecte la unidad, lo que evita que se desgaste la batería.
Si no ha ajustado la función de desconexión automática, mantenga presionado (OFF) cada vez que apague el interruptor de encendido, hasta que la pantalla desaparezca.

Botón RESET

Una vez finalizada la instalación y las conexiones, desmonte el panel frontal y presione el botón RESET con un bolígrafo o un objeto similar.



اخطارها

- محل نصب را به دقت انتخاب کنید تا دستگاه با عملیات معمول رانندگی تداخل پیدا نکند.
- از نصب دستگاه در مناطقی که در معرض گرد و خاک، کثیفی، لرزش بیش از حد، یا دماهای بالا، مانند نور مستقیم خورشید یا نزدیک کانال های گرمایی خودداری کنید.
- برای یک نصب ایمن و مطمئن تنها از دستگاه نصب ضمیمه شده استفاده کنید.

تنظیم زاویه نصب

زاویه نصب را به کمتر از 45 درجه تنظیم کنید.

خارج کردن بدنه محافظ و قلاب 4

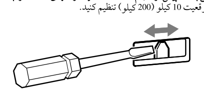
پیش از نصب دستگاه، بدنه محافظ ④ و قلاب ① را از دستگاه جدا کنید.

1 **بدنه محافظ ④ را خارج کنید.**
هر دو گوشه بدنه محافظ ④ را فشار دهید، سپس آن را بیرون بکشید.

2 **قلاب ① را خارج کنید.**
❶ هر دو کلید آزادسازی ③ را با یکدیگر به میان دستگاه و قلاب ① وارد کنید تا صدای تیک بدهند.
❷ قلاب ① را به پایین بکشید، سپس دستگاه را به بالا بکشید تا جدا شود.

کلید انتخاب فرکانس

فاصله موج یابی AM (FM) به موقعیت 9 کیلو (50 کیلو) در کارخانه تنظیم شده است. در صورتی که سیستم تخصیص فرکانس کشور شما بر پایه فاصله 10 کیلوهرتز (200 کیلوهرتز) می باشد، پیش از انجام اتصالات، کلید در انتهای دستگاه را به موقعیت 10 کیلو (200 کیلو) تنظیم کنید.



نمونه نصب 5

نصب در داشبورد

نکات
- *این گیره ها را برای جاگیری محکم، در صورت نیاز، به بیرون خم کنید (5-2).*
- *اطمینان حاصل کنید که 4 گیره بر روی بدنه محافظ ④ بطور صحیح در شکاف های دستگاه جا افتاده اند (5-3).*

نصب کردن دستگاه در یک اتومبیل ژاپنی 6

شما ممکن است قادر نباشید دستگاه را در بعضی از اتومبیل های ساخت ژاپن نصب کنید. در چنین حالتی، با فروشنده سونی Sony خود مشورت نمایید.

نکته
برای جلوگیری از سوء عملکرد، تنها با پیچ های ضمیمه شده ⑦ نصب کنید.

نحوه جدا کردن و وصل کردن پانل جلویی 7

پیش از نصب کردن دستگاه، پانل جلویی را جدا کنید.

7-A برای جدا کردن

پیش از جدا کردن پانل جلویی، حتما (OFF) را فشار دهید. ⏏ را فشار دهید و آن را به سمت خود بکشید.

7-B برای وصل کردن

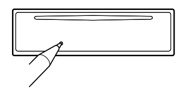
قسمت Ⓐ از پانل جلویی را با قسمت Ⓑ دستگاه، همانطور که شکل نشان می دهد، درگیر کنید و سمت چپ را به داخل موقعیت بکشید تا صدای تیک بدهد.

هشدار در صورتی که احتراق اتومبیل شما دارای موقعیت ACC نمی باشد.

اطمینان حاصل کنید که عملکرد خاموشی خودکار Auto Off را تنظیم می کنید. برای جزئیات، دستورالعمل های عملیاتی ضمیمه شده را ملاحظه نمایید.
دستگاه بعد از خاموشی در زمان تعیین شده بطور کامل و خودکار خاموش می شود، که از خالی شدن باتری جلوگیری می کند.
اگر شما عملکرد خاموشی خودکار Auto Off را تنظیم نکرده اید، هر بار که شما احتراق را خاموش می کنید (OFF) را فشار داده و نگاه دارید تا صفحه نمایش محو شود.

دکمه RESET

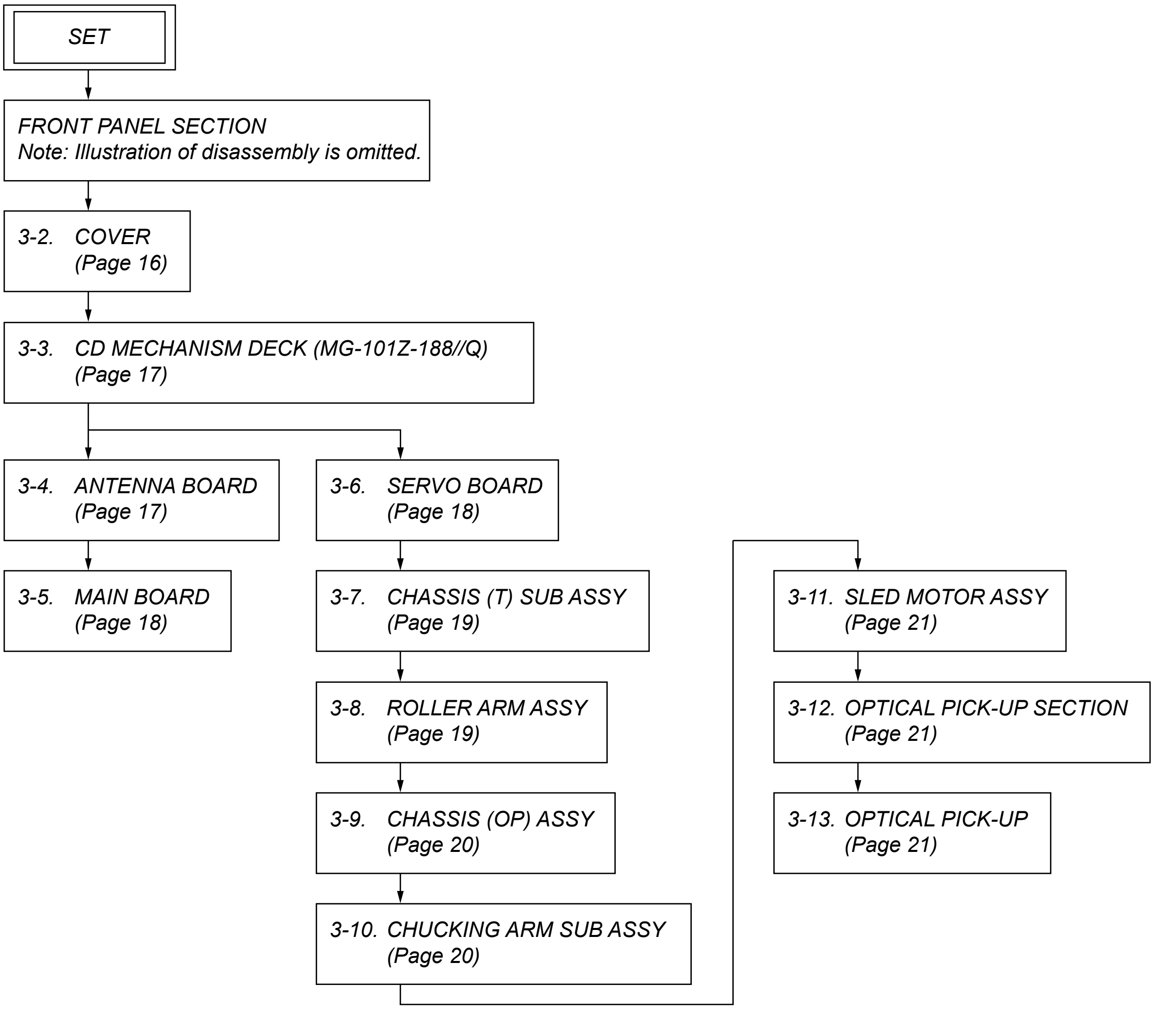
هنگامی که نصب و اتصالات به پایان رسید، اطمینان حاصل کنید که بعد از جدا کردن پانل جلویی، دکمه RESET را با یک قلم خودکار، و غیره فشار دهید.



SECTION 3
DISASSEMBLY

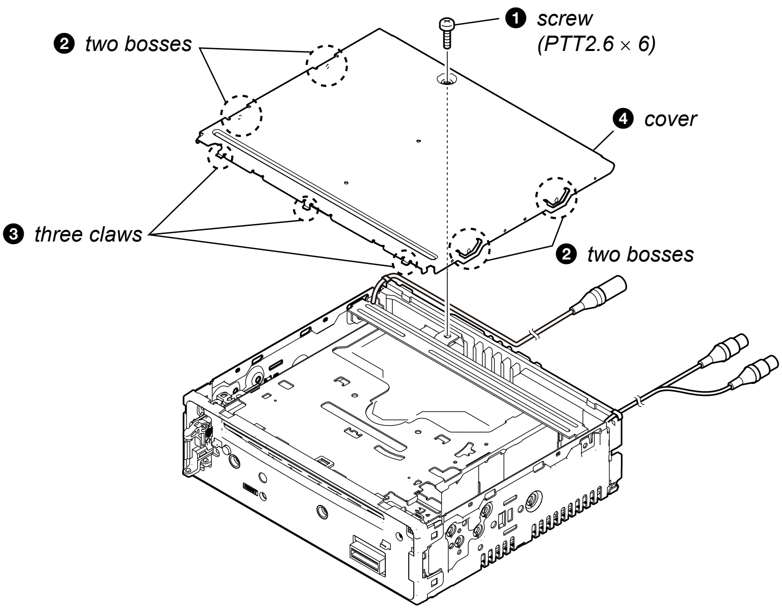
- This set can be disassembled in the order shown below.

3-1. DISASSEMBLY FLOW

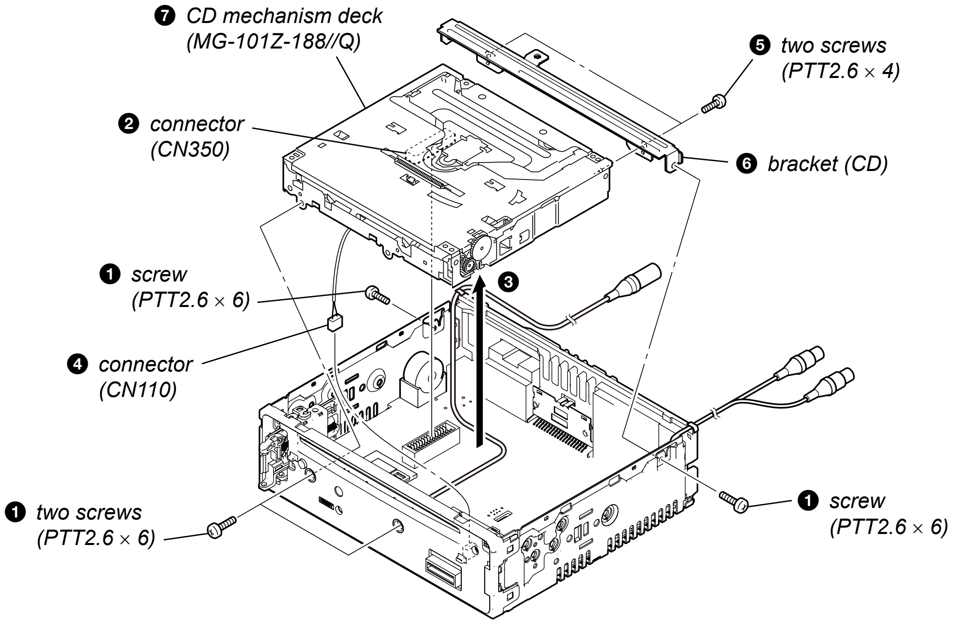


Note: Follow the disassembly procedure in the numerical order given.

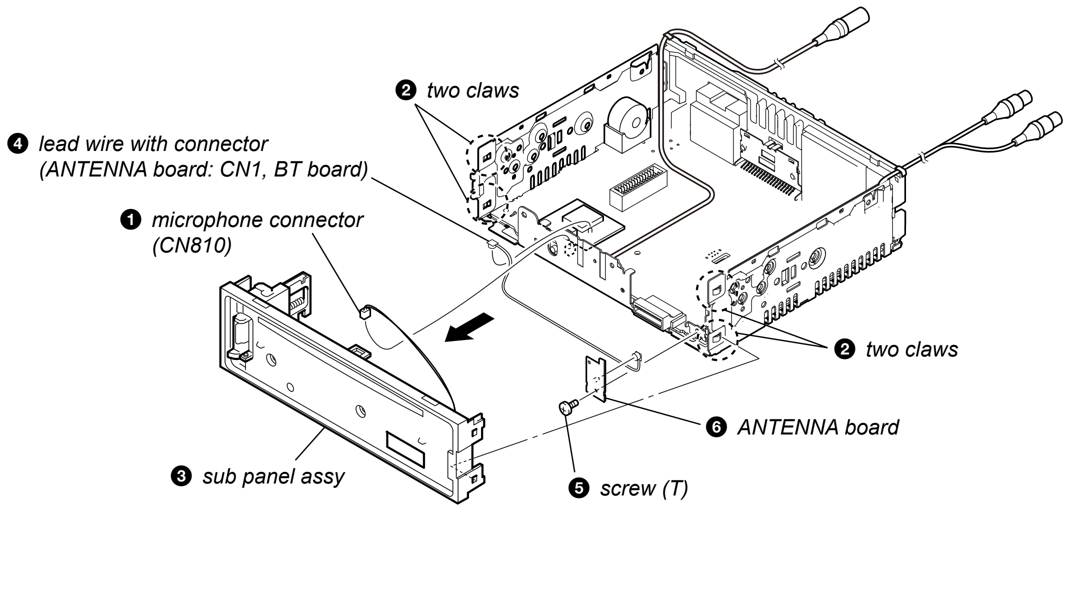
3-2. COVER



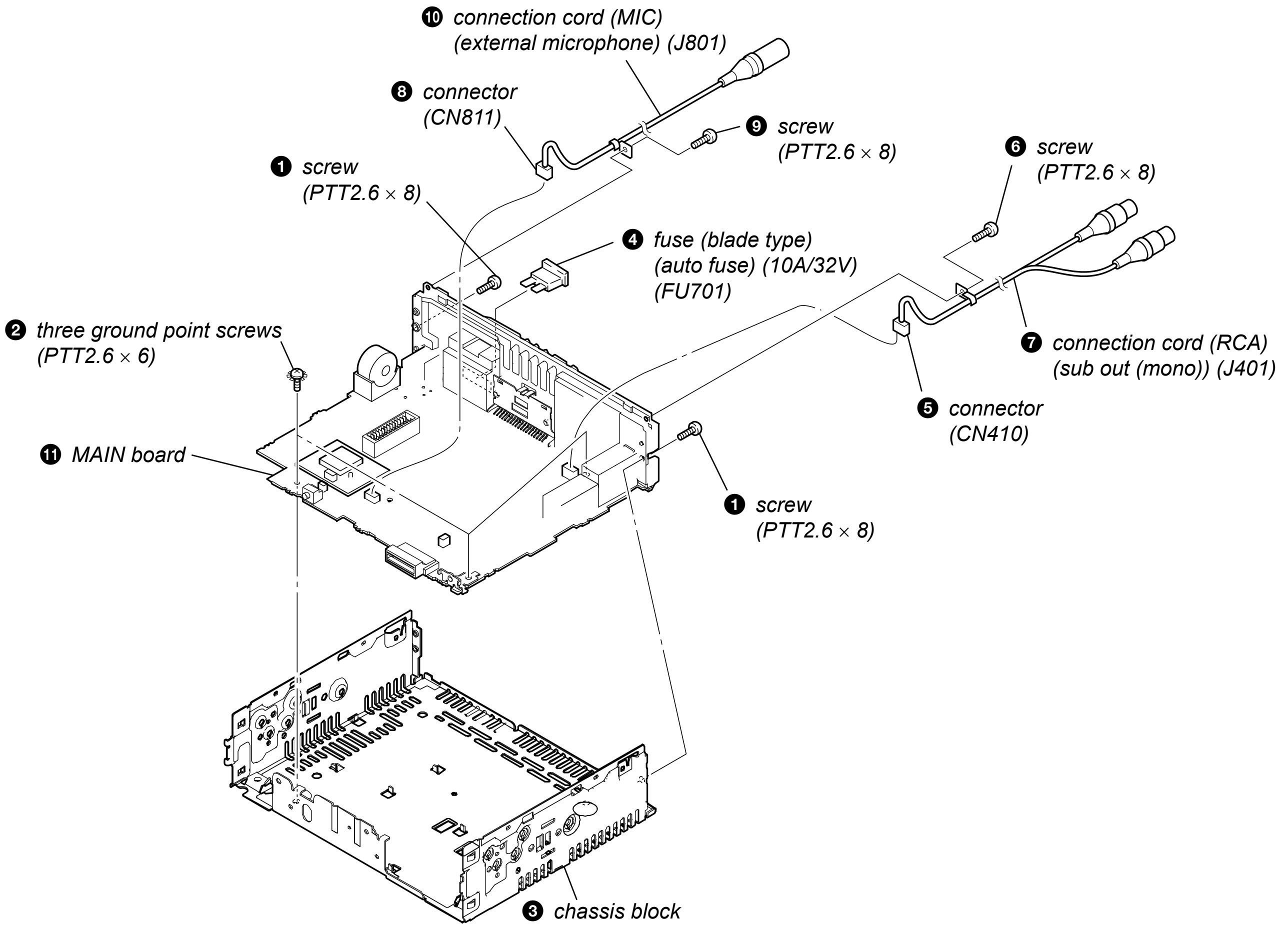
3-3. CD MECHANISM DECK (MG-101Z-188//Q)



3-4. ANTENNA BOARD

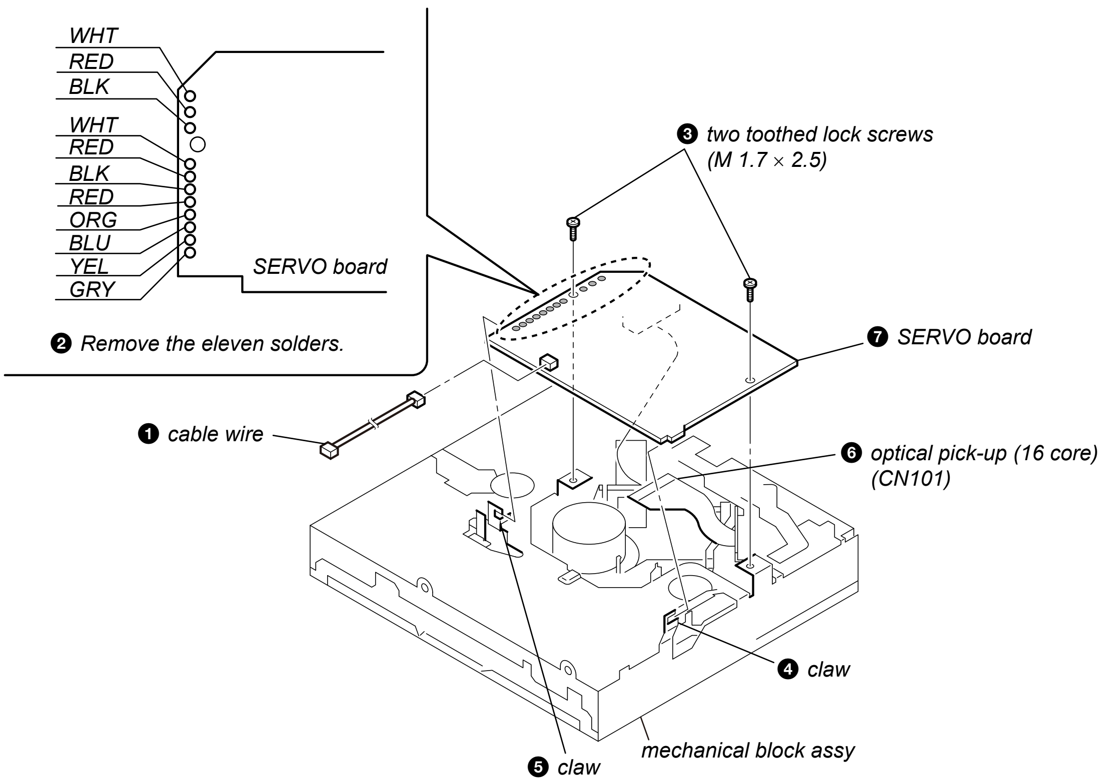


3-5. MAIN BOARD

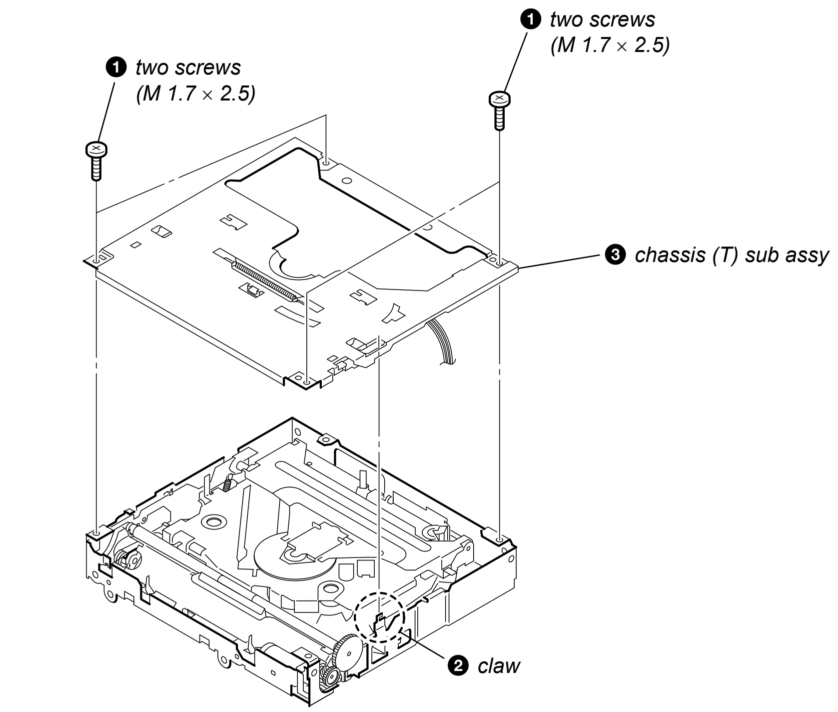


3-6. SERVO BOARD

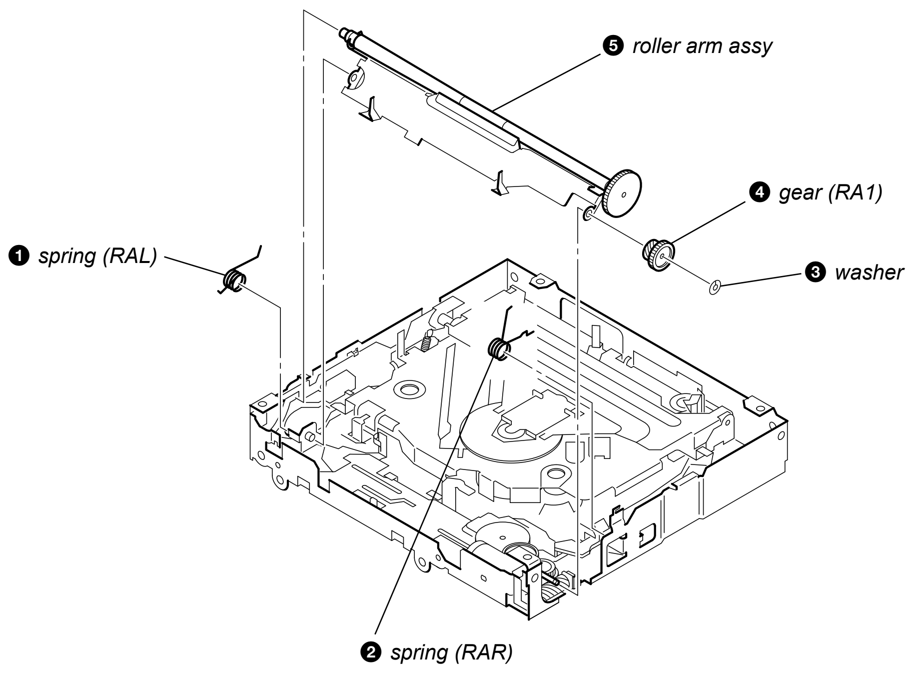
Note: *This illustration sees the mechanical block assy from the bottom side.*



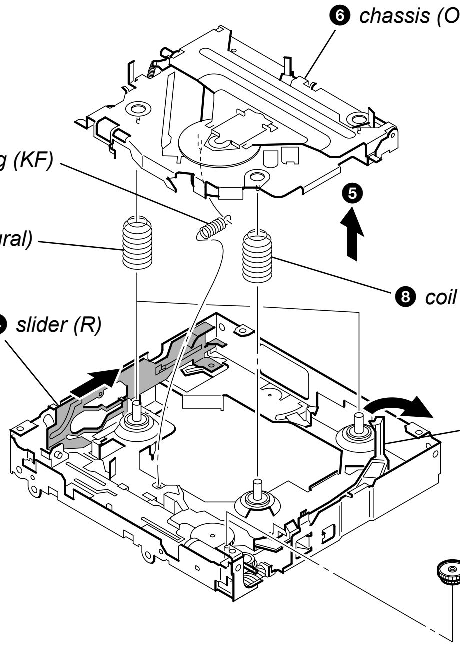
3-7. CHASSIS (T) SUB ASSY



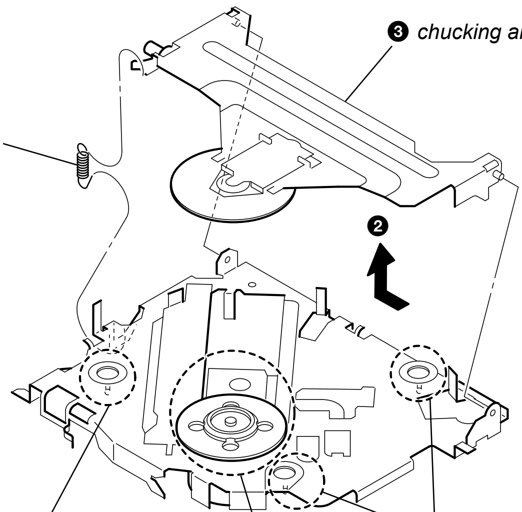
3-8. ROLLER ARM ASSY



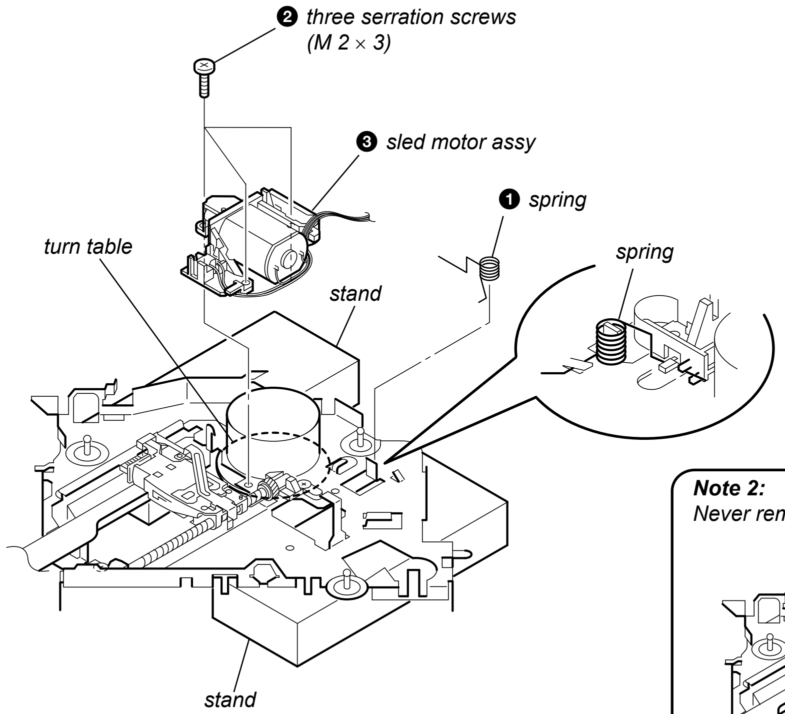
3-9. CHASSIS (OP) ASSY



3-10. CHUCKING ARM SUB ASSY

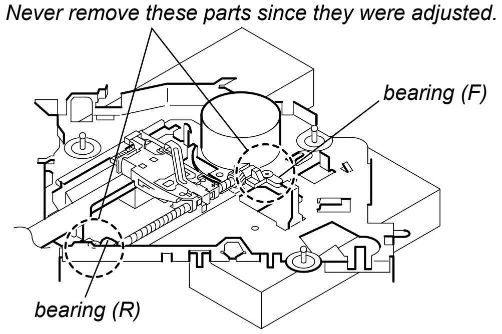


3-11. SLED MOTOR ASSY

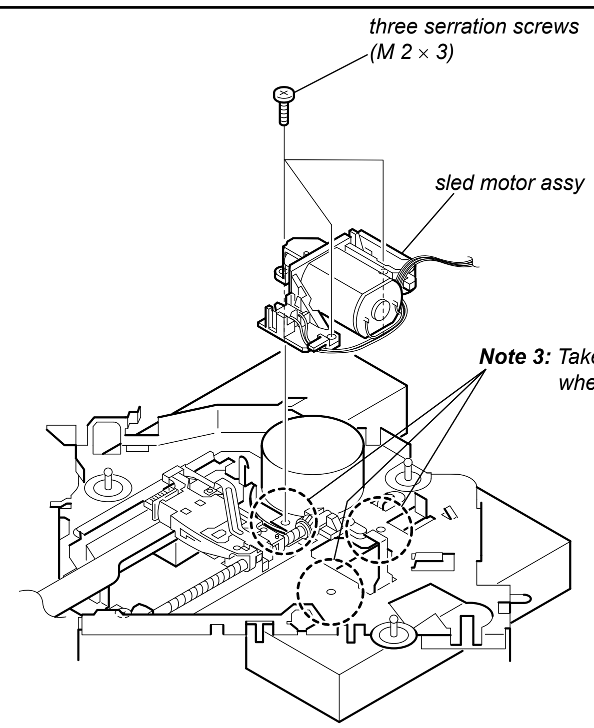


Note 1: *Place the stand with care not to touch the turn table.*

Note 2:
Never remove these parts since they were adjusted.

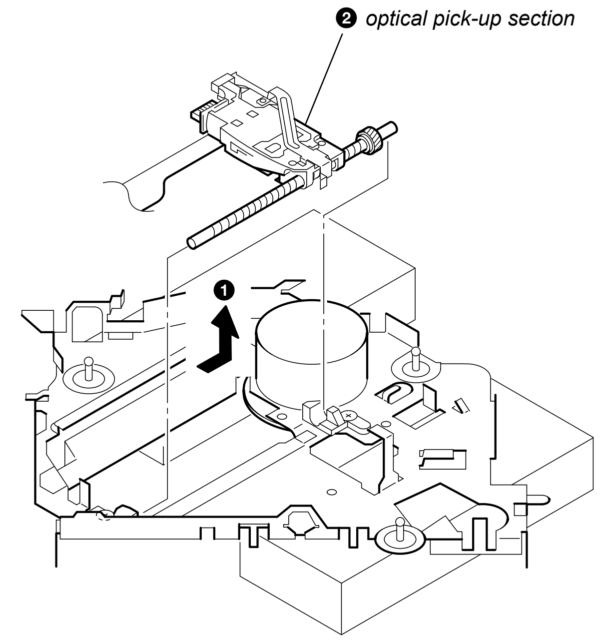


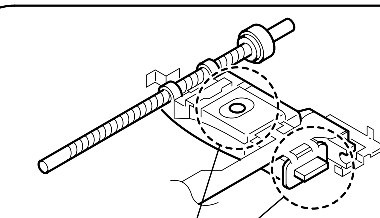
Note for Assembly



Note 3: *Take care to prevent the chassis from being bent when tightening the three machine screws.*

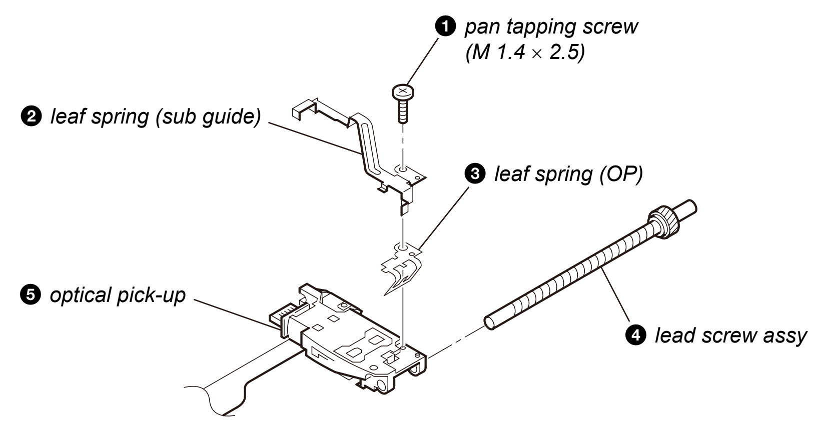
3-12. OPTICAL PICK-UP SECTION



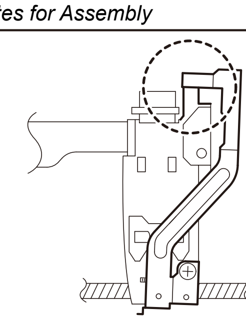


Note: *Be careful not to touch the lens and hologram terminal when removing the optical pick-up section.*

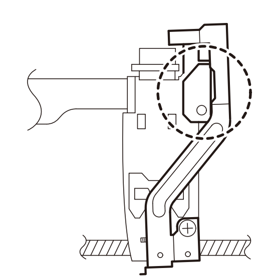
3-13. OPTICAL PICK-UP



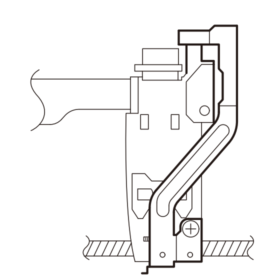
Notes for Assembly



Prevent the end of the leaf spring (sub guide) from being in contact with the OP slide base.



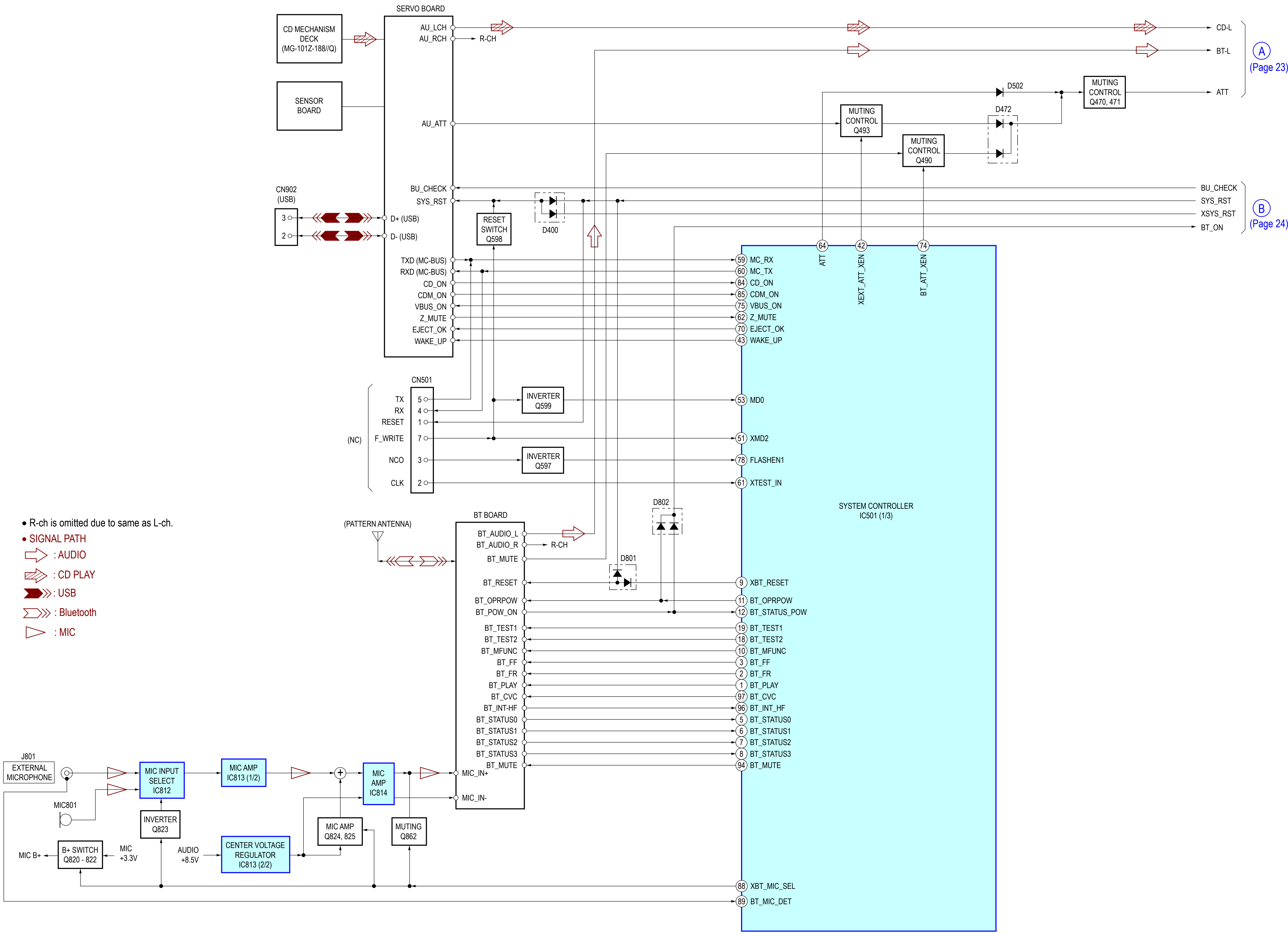
Prevent the end of the leaf spring (sub guide) from being in contact with the OP slide base.



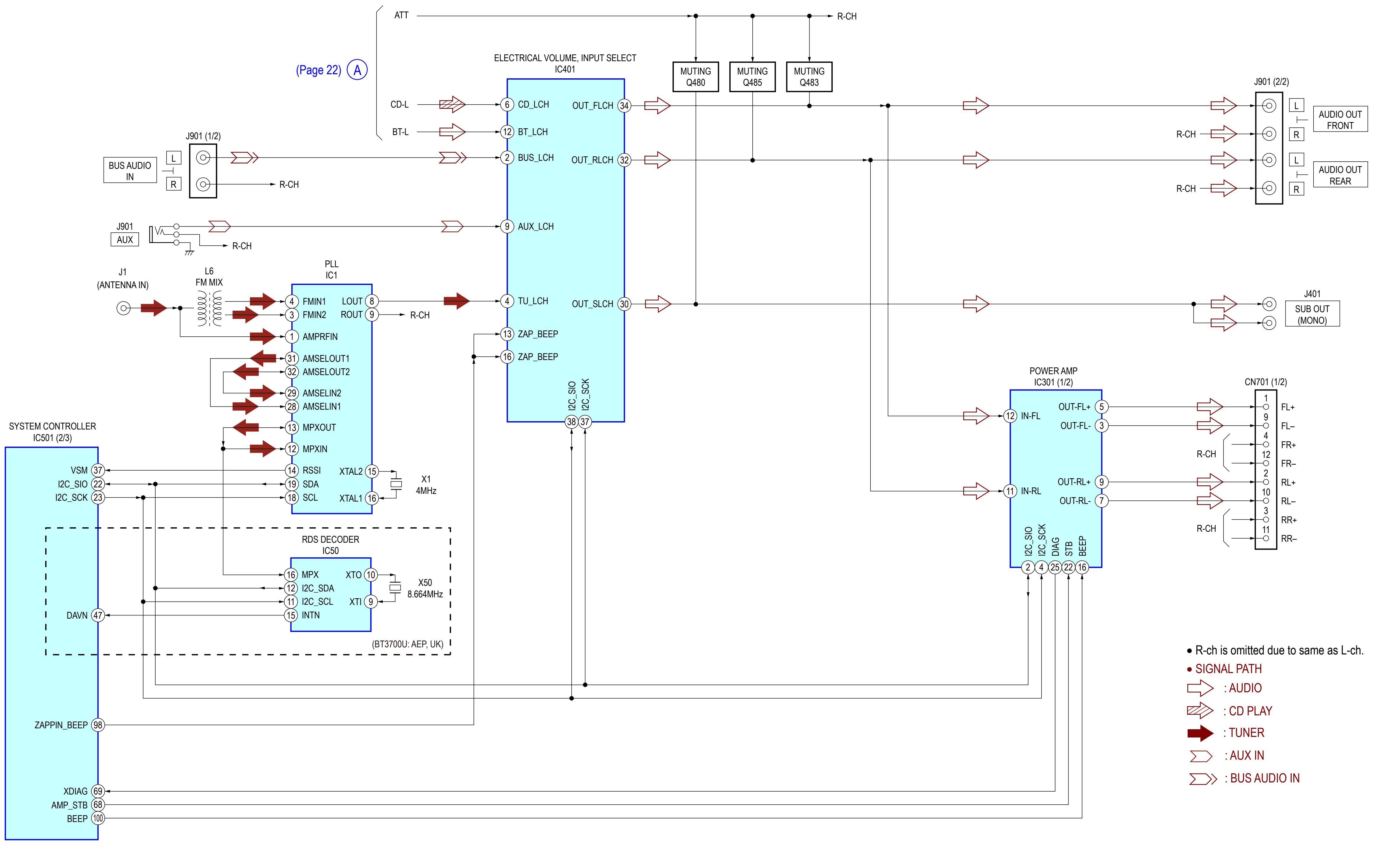
There is space at the end of the leaf spring (sub guide) to avoid contact with the slide.

SECTION 4
DIAGRAMS

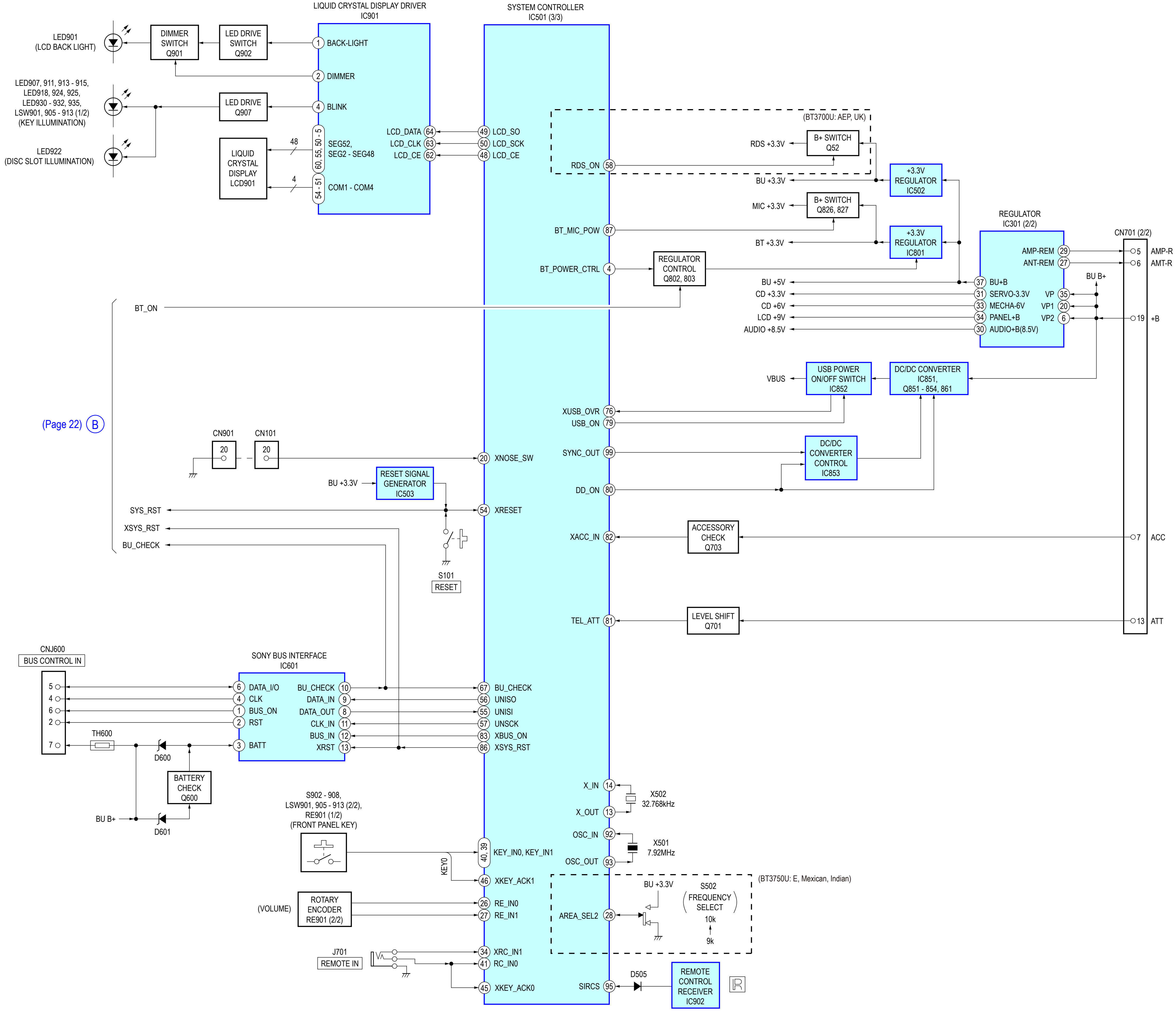
4-1. BLOCK DIAGRAM - AUDIO Section (1/2) -



4-2. BLOCK DIAGRAM - AUDIO Section (2/2) -



4-3. BLOCK DIAGRAM - PANEL, POWER SUPPLY Section -



THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this, the necessary note is printed in each block.)

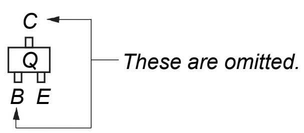
For Printed Wiring Boards.

Note:
- : Parts extracted from the component side.
- : Parts extracted from the conductor side.
- : Indicates side identified with part number.
- △ : Internal component.
- : Pattern from the side which enables seeing.
  (The other layers' patterns are not indicated.)

Caution:	
Parts face side: (Conductor Side)	Parts on the parts face side seen from the pattern face are indicated.
Pattern face side: (Component Side)	Parts on the pattern face side seen from the parts face are indicated.

Caution:	
Parts face side: (SIDE A)	Parts on the parts face side seen from the pattern face are indicated.
Pattern face side: (SIDE B)	Parts on the pattern face side seen from the parts face are indicated.

- Indication of transistor.



- Abbreviation
  CND : Canadian model
  EA : Saudi Arabia model
  IND : Indian model
  MX : Mexican model

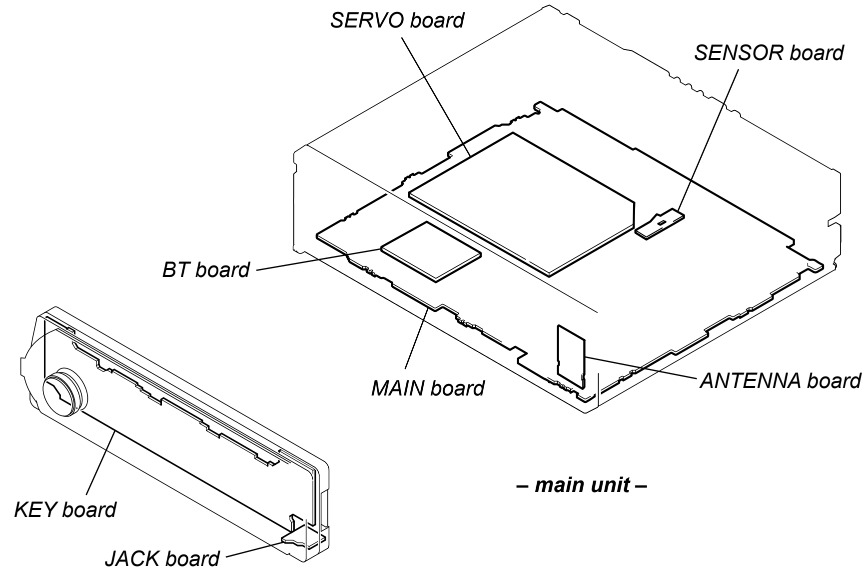
For Schematic Diagrams.

Note:
- All capacitors are in μF unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $^{1}/_{4}$ W or less unless otherwise specified.
- △ : internal component.
- : panel designation.

Note:	**Note:**
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié.

- : B+ Line.
- Power voltages is dc 14.4V and fed with regulated dc power supply from ACC and BATT cords.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  no mark : TUNER
  ( ) : CD PLAY
- Voltages are taken with a VOM (Input impedance 10 MΩ).
  Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
  Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  : AUDIO
  : TUNER
  : CD PLAY
  : Bluetooth
  : USB
  : MIC
  : AUX IN
  : BUS AUDIO IN
- Abbreviation
  CND : Canadian model
  EA : Saudi Arabia model
  IND : Indian model
  MX : Mexican model

- **Circuit Boards Location**



– main unit –

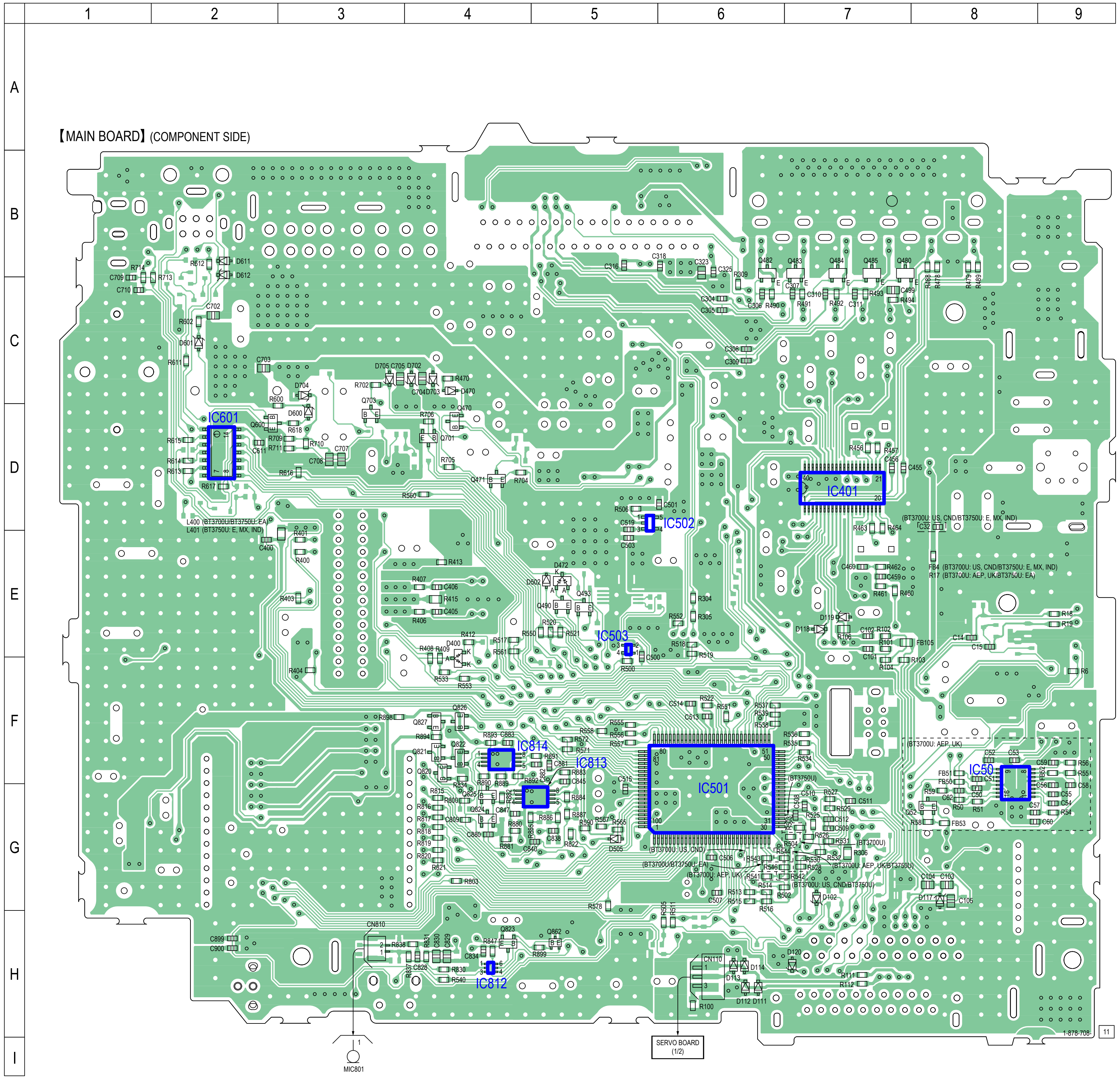
– front panel –

4-4. PRINTED WIRING BOARDS - MAIN Section (1/2) -

• See page 25 for Circuit Boards Location. • : Uses unleaded solder.

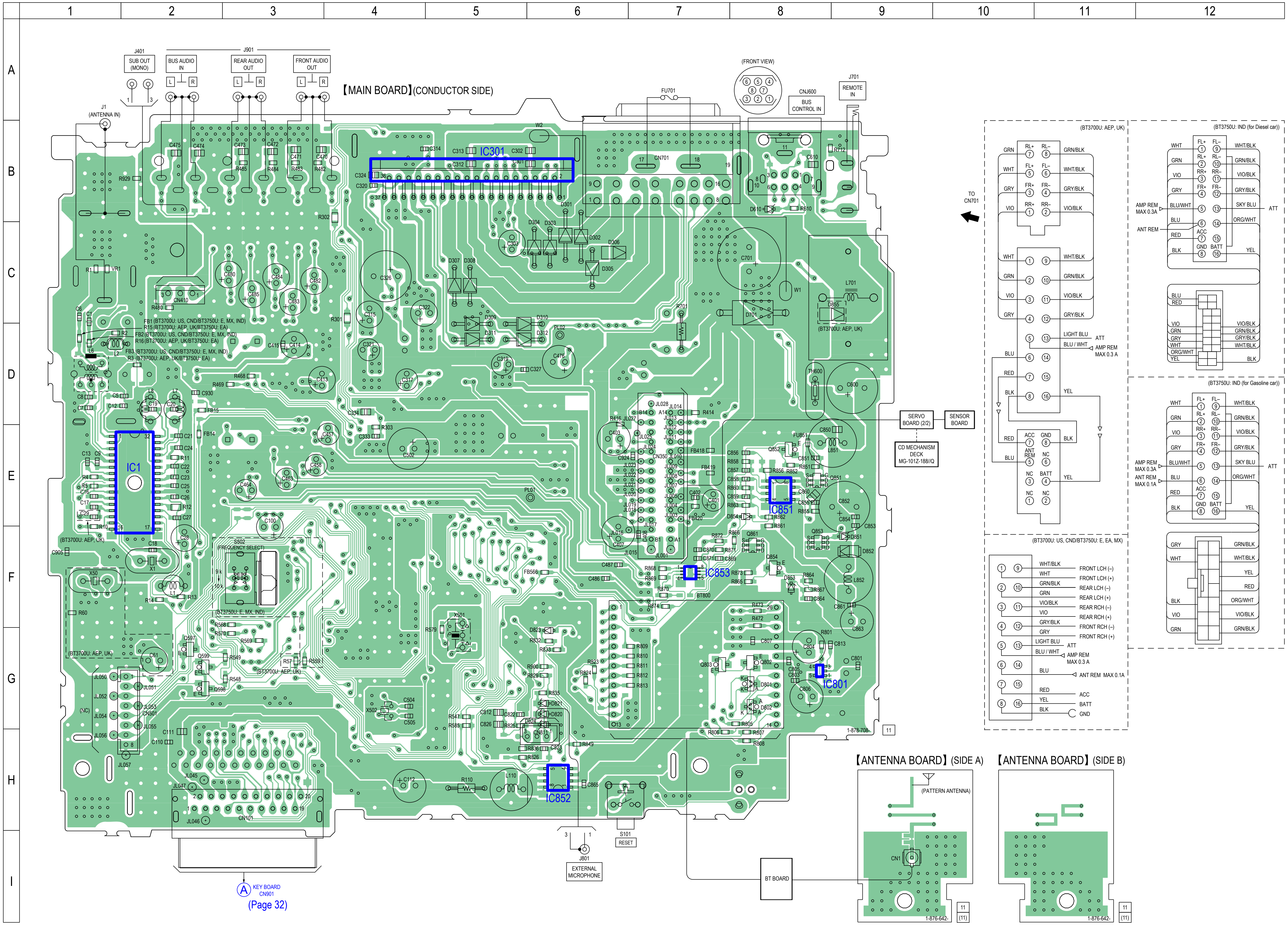
• Semiconductor Location

Ref. No.	Location
D102	G-7
D111	H-6
D112	H-6
D113	H-6
D114	H-6
D117	G-8
D118	E-7
D119	E-7
D120	H-7
D400	F-4
D470	C-4
D472	E-5
D502	E-5
D505	G-5
D600	D-3
D601	C-2
D611	B-2
D612	B-2
D702	C-4
D703	C-4
D704	C-3
D705	C-3
IC50	F-8
IC401	D-7
IC501	G-6
IC502	D-5
IC503	E-5
IC601	D-2
IC812	H-4
IC813	G-5
IC814	F-4
Q52	G-8
Q470	D-4
Q471	D-4
Q480	B-7
Q482	B-6
Q483	B-7
Q484	B-7
Q485	B-7
Q490	E-5
Q493	E-5
Q600	D-2
Q701	D-4
Q703	D-3
Q820	F-4
Q821	F-4
Q822	F-4
Q823	H-4
Q824	G-4
Q825	G-4
Q826	F-4
Q827	F-4
Q862	H-5



4-5. PRINTED WIRING BOARDS - MAIN Section (2/2) -

• See page 25 for Circuit Boards Location. • : Uses unleaded solder.



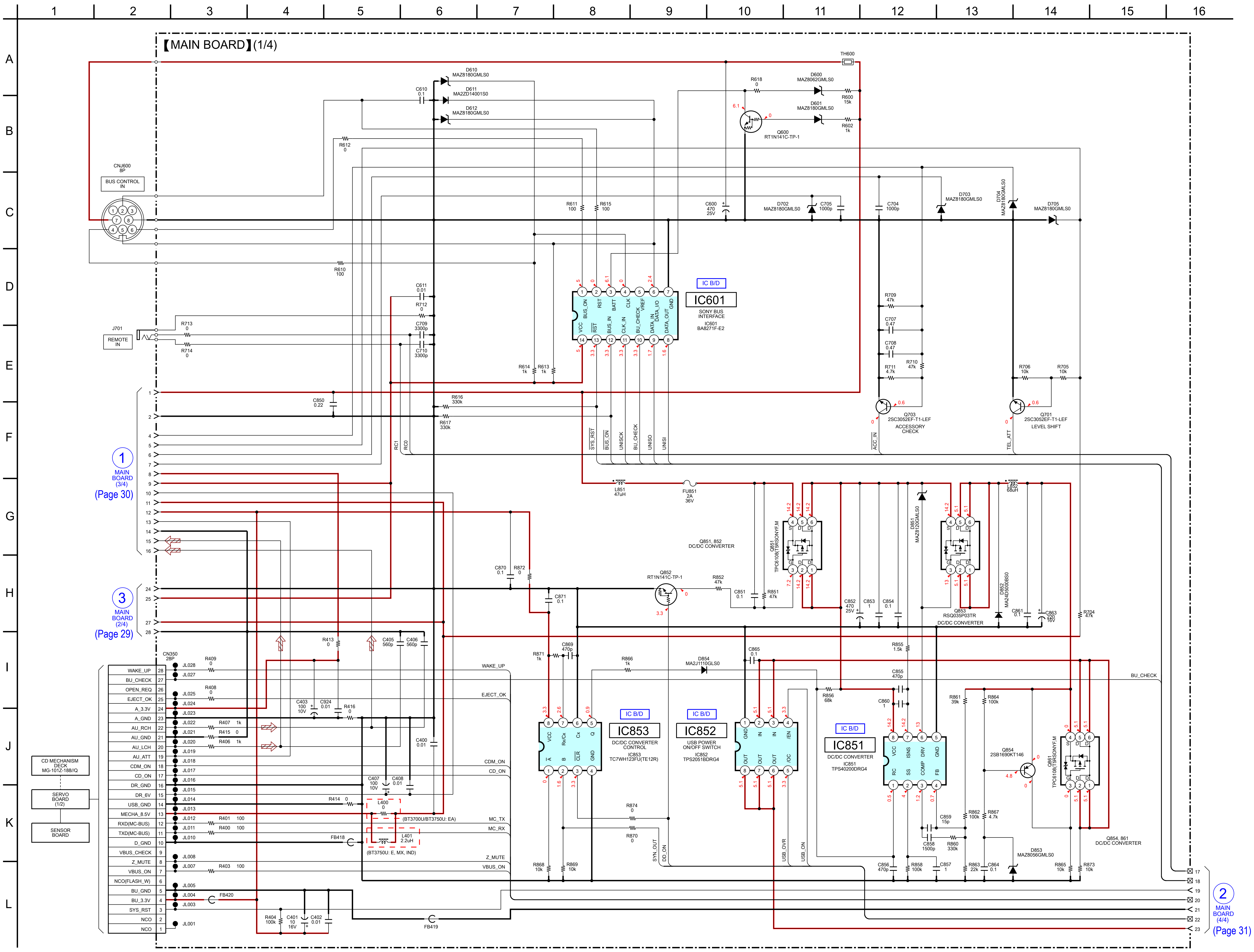
• Semiconductor Location

Ref. No.	Location
D301	C-6
D302	C-6
D303	C-6
D304	C-6
D305	C-6
D306	C-6
D307	C-5
D308	C-5
D309	D-5
D310	D-5
D311	D-5
D312	D-5
D610	B-8
D701	C-8
D801	G-8
D802	G-8
D820	G-6
D821	G-6
D823	G-6
D824	G-6
D851	F-9
D852	F-9
D853	F-8
D854	E-8
D855	C-9
IC1	E-2
IC301	B-5
IC801	G-8
IC851	E-8
IC852	H-6
IC853	F-7
Q597	G-2
Q598	G-2
Q599	G-2
Q802	G-8
Q803	G-7
Q851	E-8
Q852	E-8
Q853	F-8
Q854	F-8
Q861	F-8

Note: When the BT board is replaced, it is necessary to confirm operation. Refer to “BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE” of the servicing notes (See page 6).

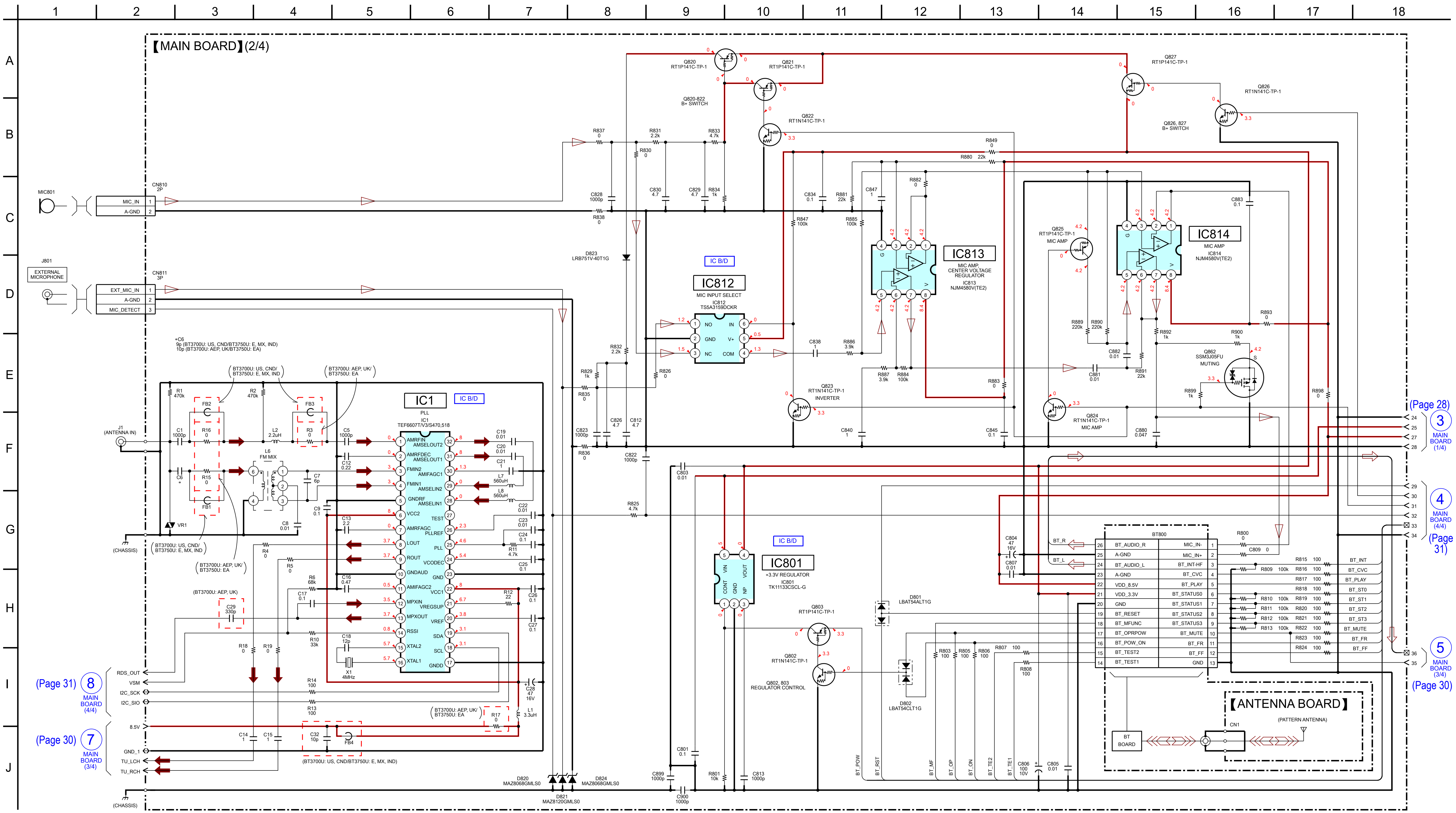
4-6. SCHEMATIC DIAGRAM - MAIN Section (1/4) -

• See page 34 for IC Block Diagrams.



4-7. SCHEMATIC DIAGRAM - MAIN Section (2/4) -

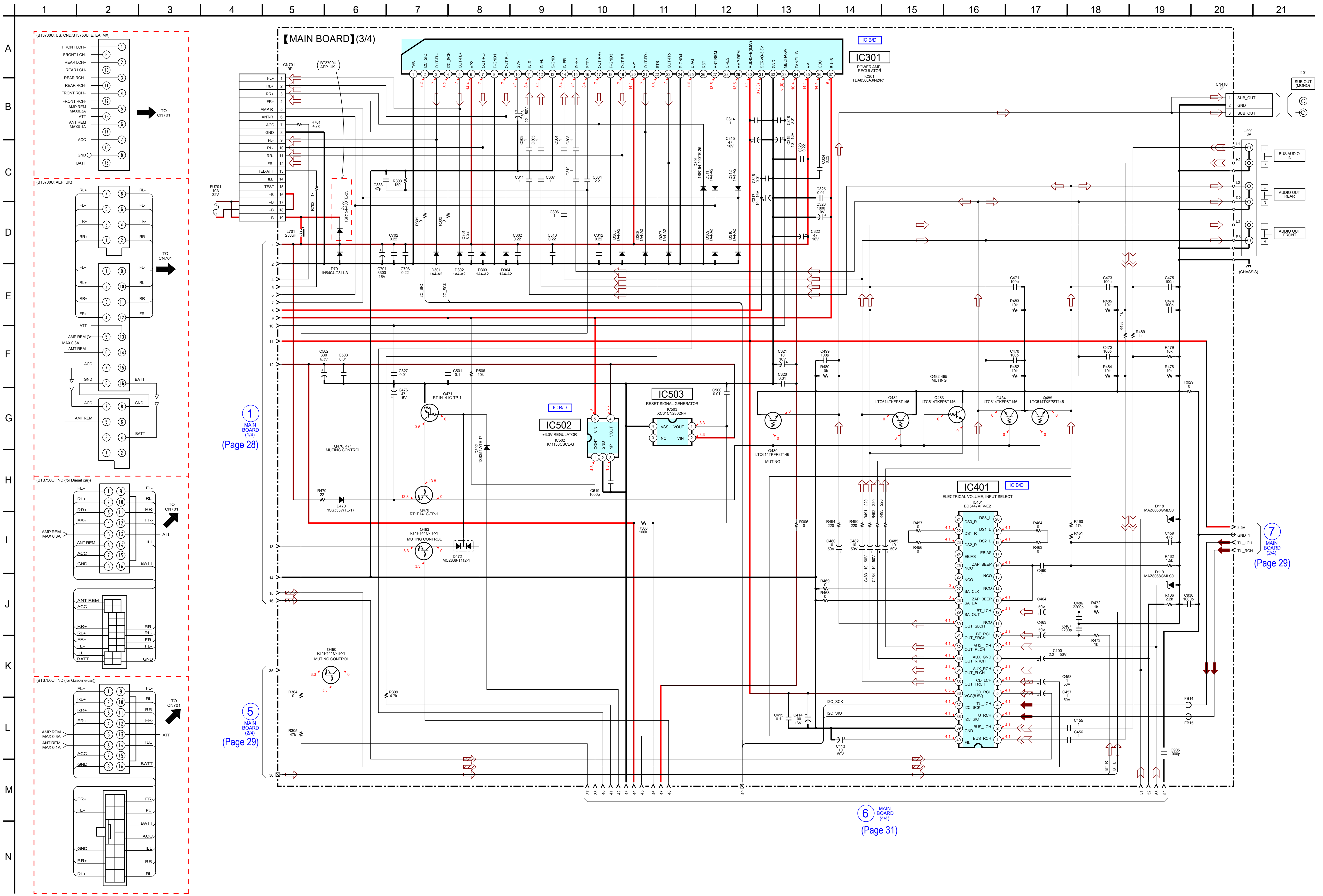
• See page 34 for IC Block Diagrams.



Note: When the BT board is replaced, it is necessary to confirm operation. Refer to “BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE” of the servicing notes (See page 6).

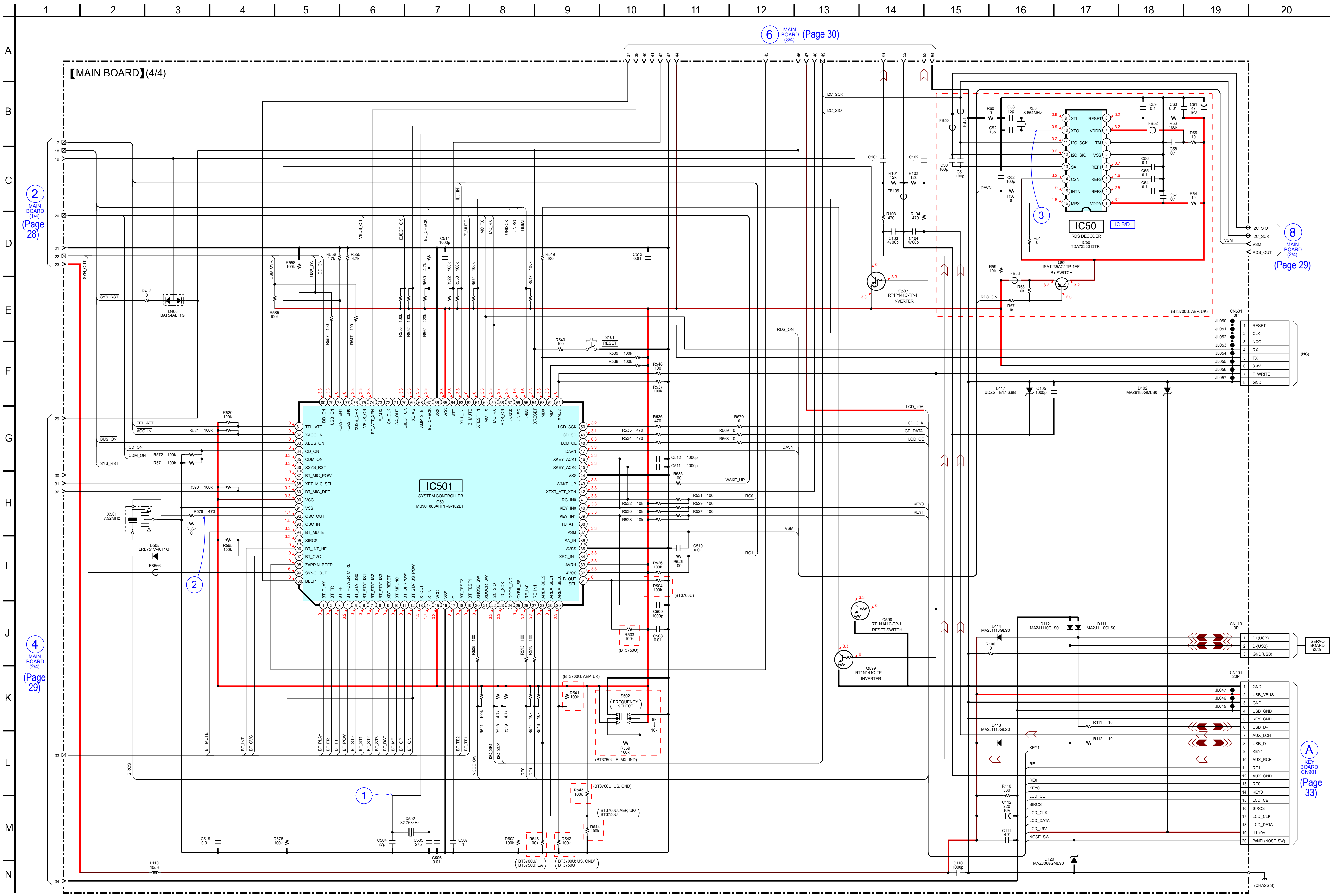
4-8. SCHEMATIC DIAGRAM - MAIN Section (3/4) -

• See page 34 for IC Block Diagrams.



4-9. SCHEMATIC DIAGRAM - MAIN Section (4/4) -

• See page 34 for Waveforms. • See page 34 for IC Block Diagrams. • See page 38 for IC Pin Function Description.

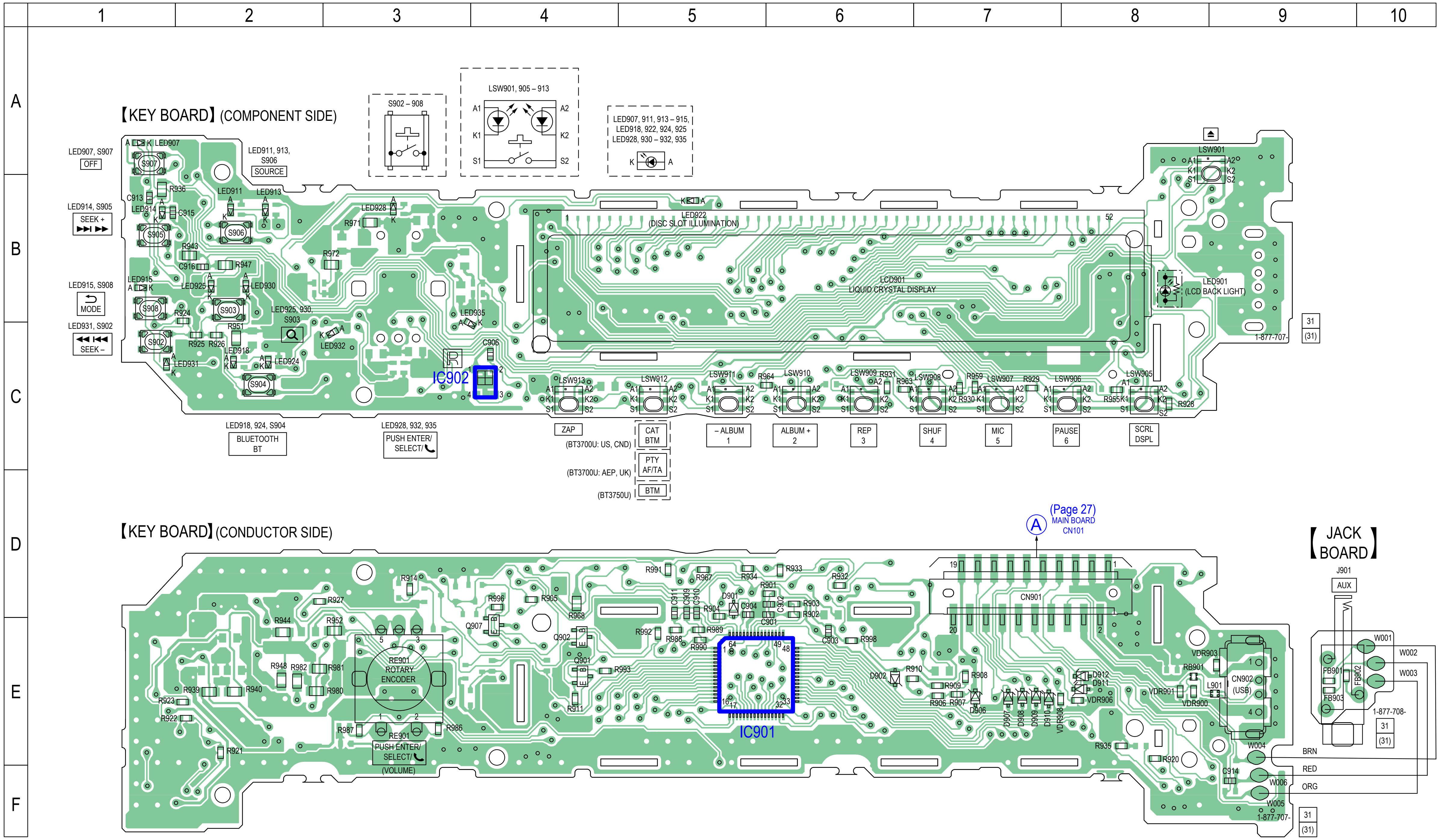


4-10. PRINTED WIRING BOARDS - KEY Section -

• See page 25 for Circuit Boards Location. • : Uses unleaded solder.

• **Semiconductor Location**

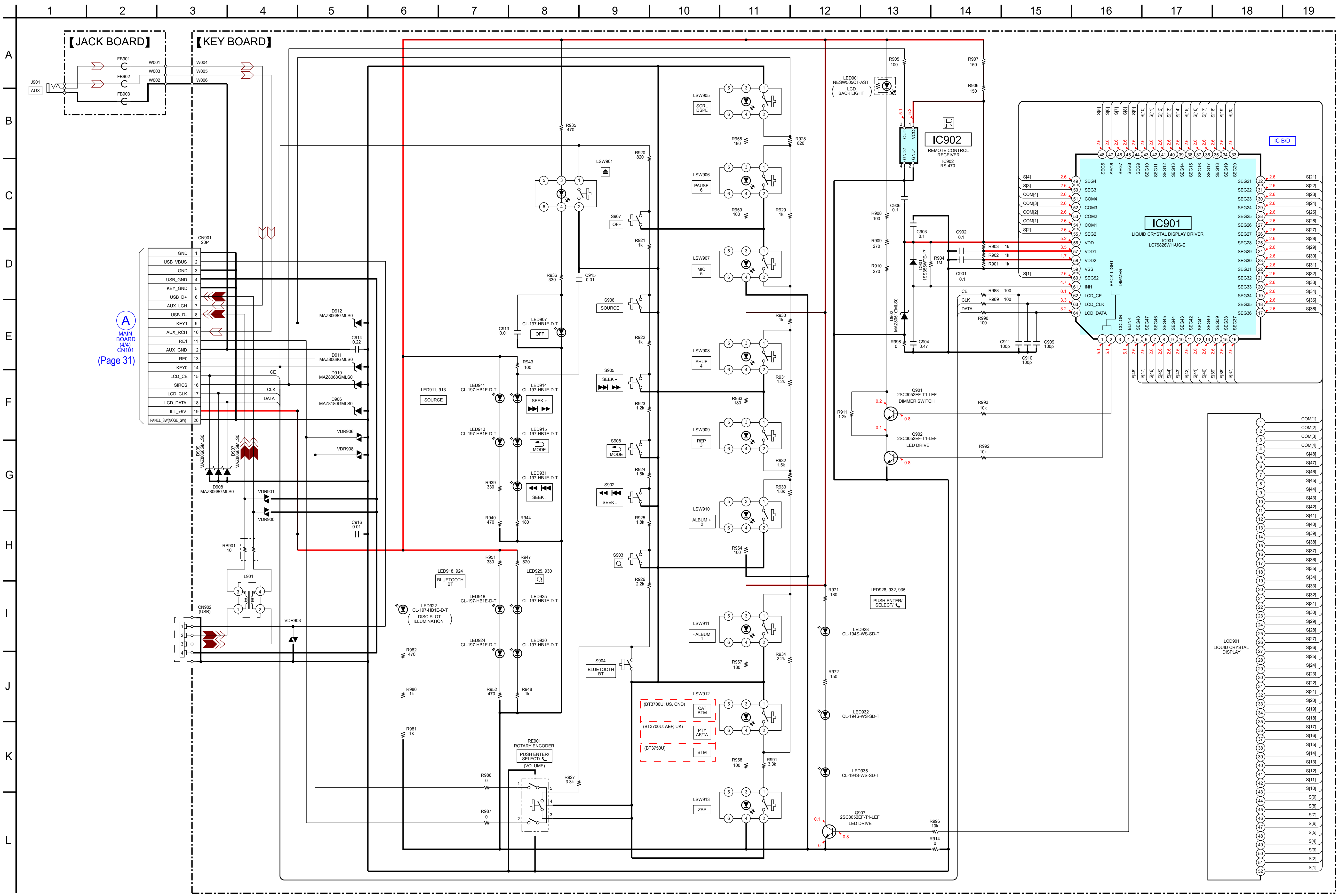
Ref. No.	Location
D901	D-5
D902	E-6
D906	E-7
D907	E-7
D908	E-7
D909	E-7
D910	E-7
D911	E-8
D912	E-8
IC901	E-5
IC902	C-4
LED901	B-8
LED907	A-1
LED911	B-2
LED913	B-2
LED914	B-1
LED915	B-1
LED918	C-2
LED922	B-5
LED924	C-2
LED925	B-2
LED928	B-3
LED930	B-2
LED931	C-1
LED932	C-3
LED935	C-3
Q901	E-4
Q902	E-4
Q907	E-4



Note: Refer to the servicing notes "NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN902)" (See page 5), if replacing the Ref. No. CN902.

4-11. SCHEMATIC DIAGRAM - KEY Section -

• See page 34 for IC Block Diagrams.

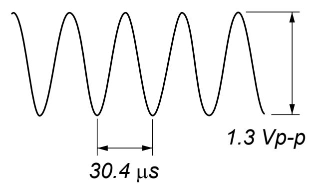


Note: Refer to the servicing notes “NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN902)” (See page 5), if replacing the Ref. No. CN902.

- **Waveforms**

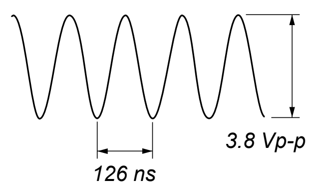
– MAIN Board –

① **IC501 ⑬ (X_OUT)**



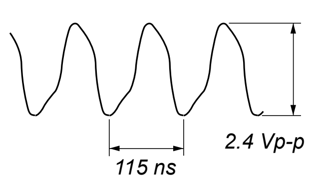
500 mV/DIV, 10 µs/DIV

② **IC501 ㊾ (OSC_OUT)**



1 V/DIV, 50 ns/DIV

③ **IC50 ⑩ (XTO)**

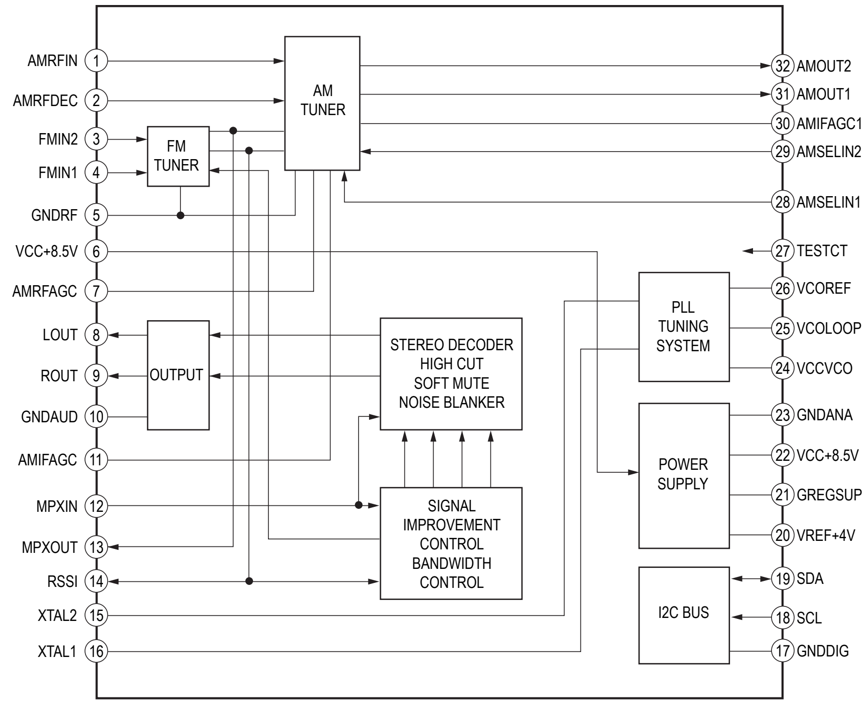


1 V/DIV, 50 ns/DIV

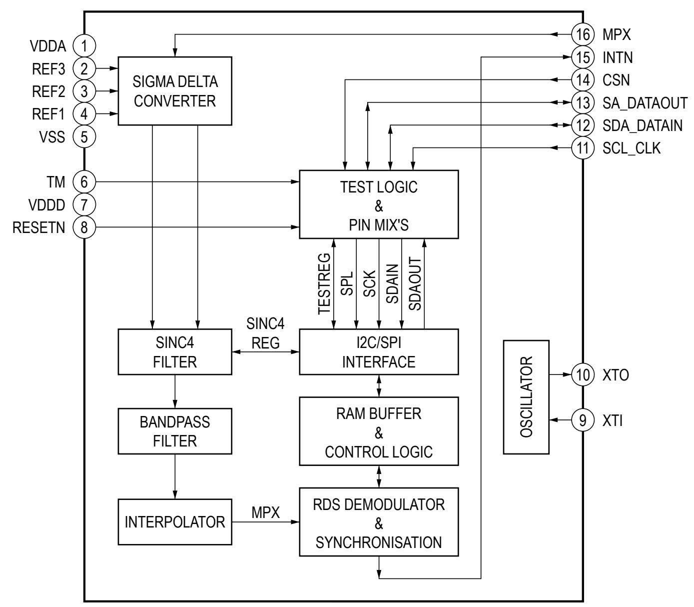
- **IC Block Diagrams**

– MAIN Board –

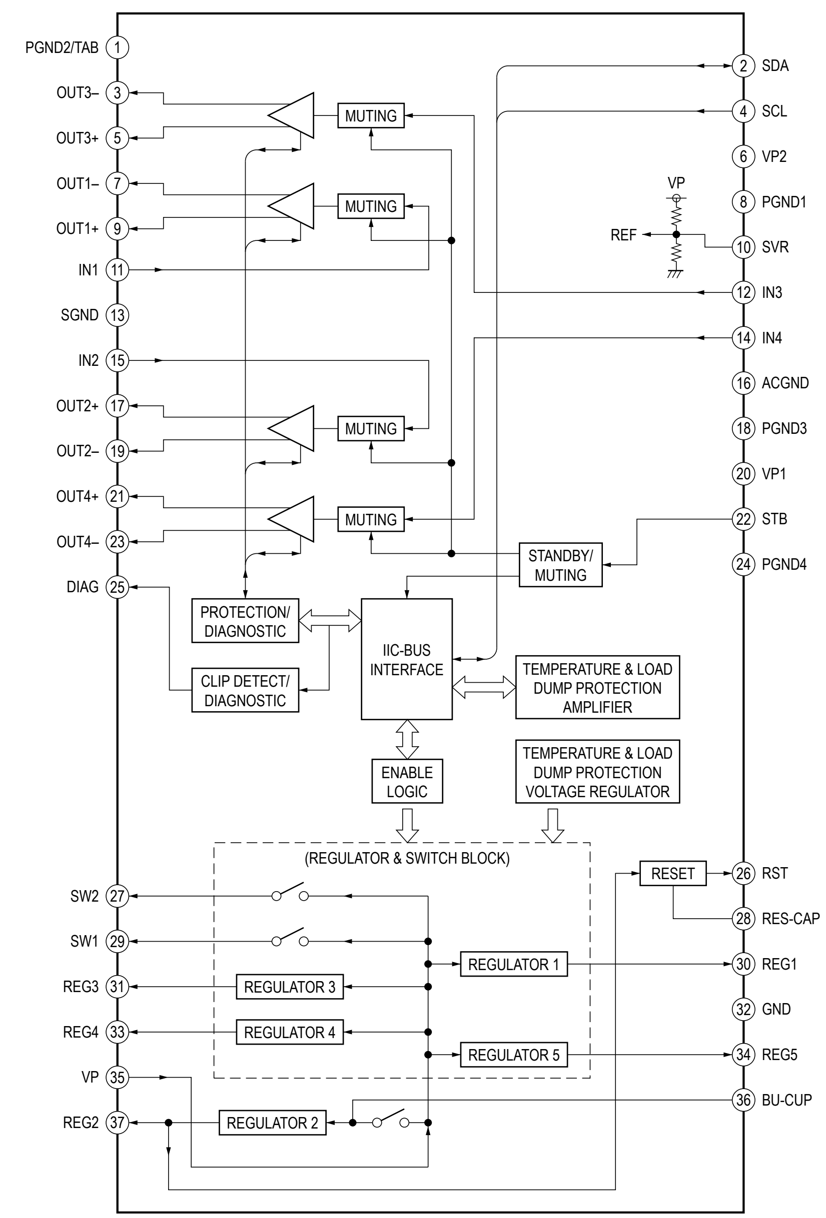
IC1 TEF6607T/V4/S470, 518



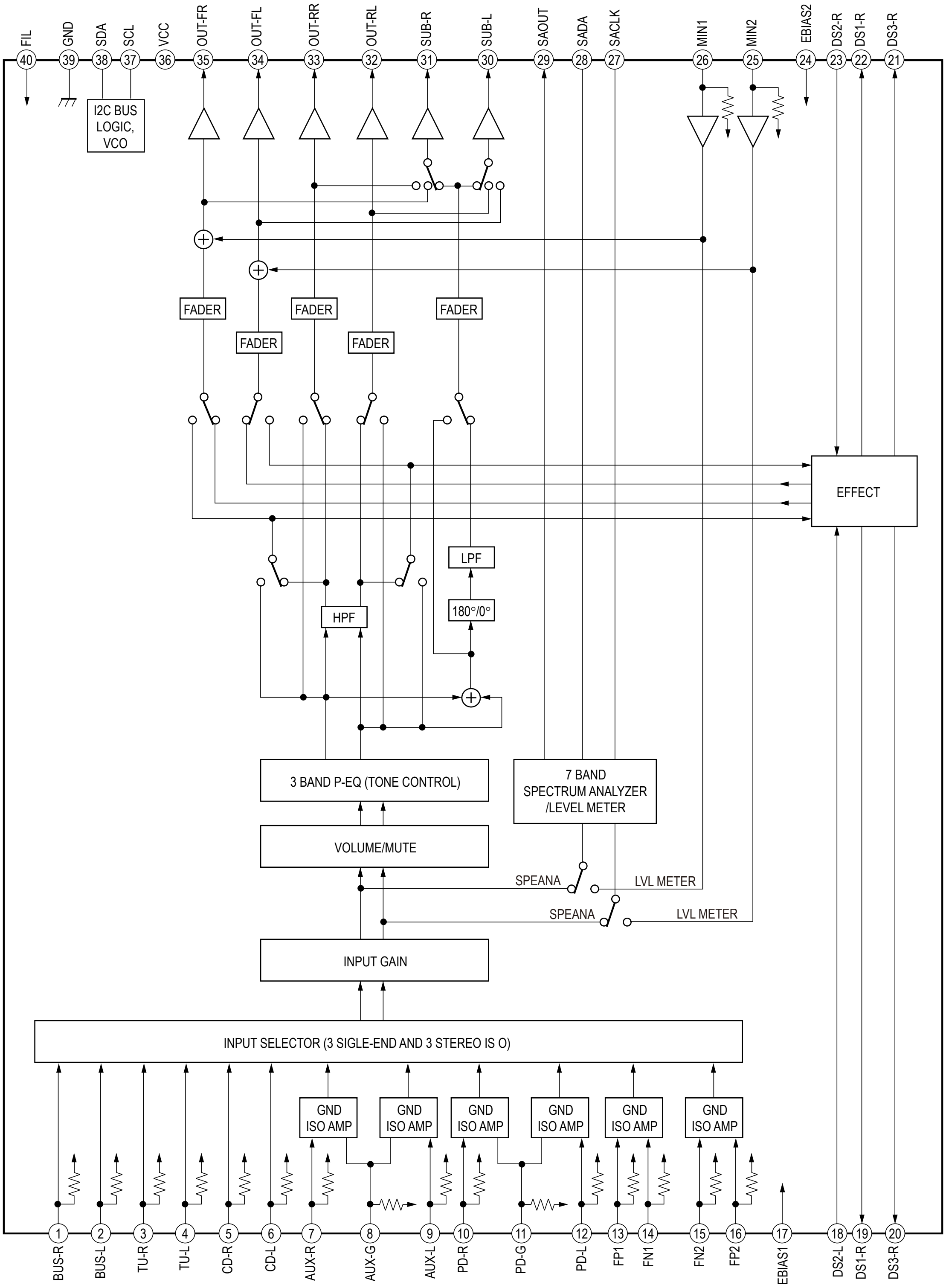
IC50 TDA7333013TR



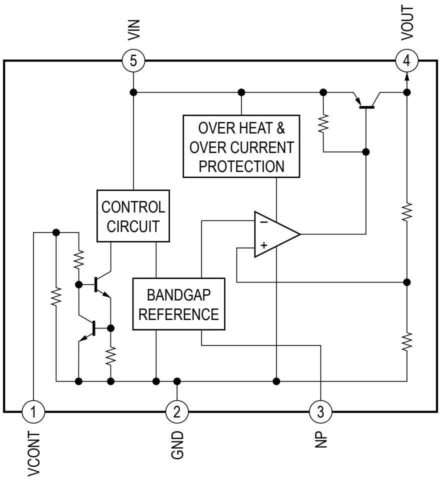
IC301 TDA8588AJ/N2/R1



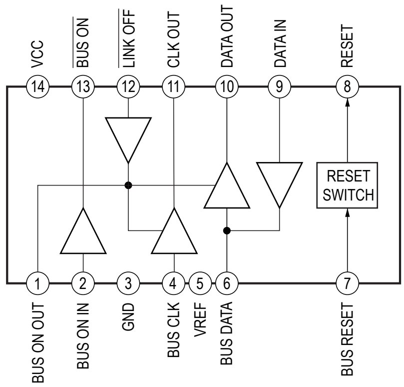
IC401 BD3447AFV-E2



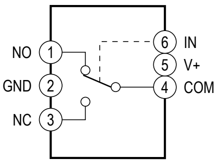
IC502, 801 TK11133CSCL-G



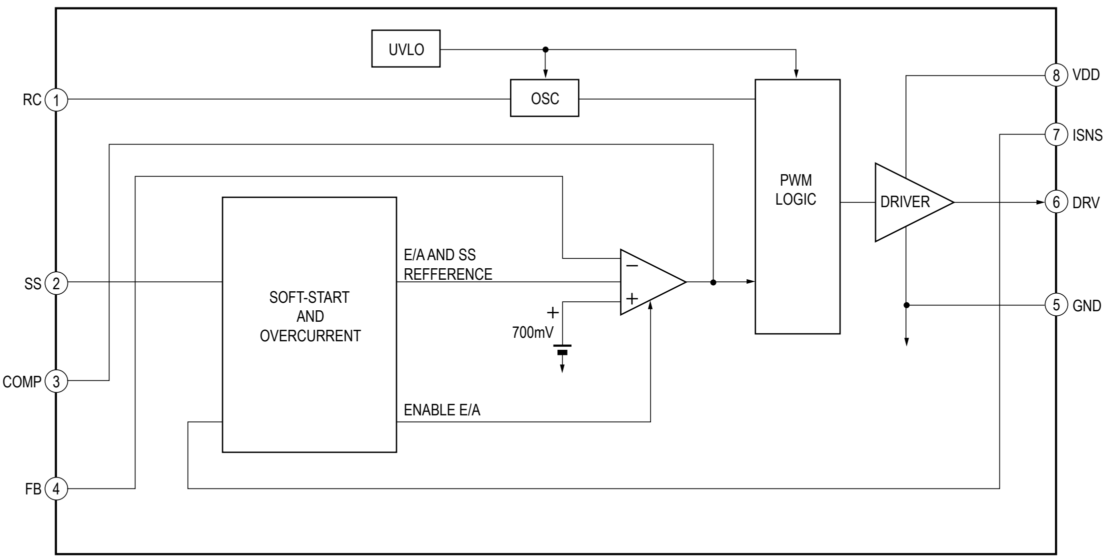
IC601 BA8271F-E2



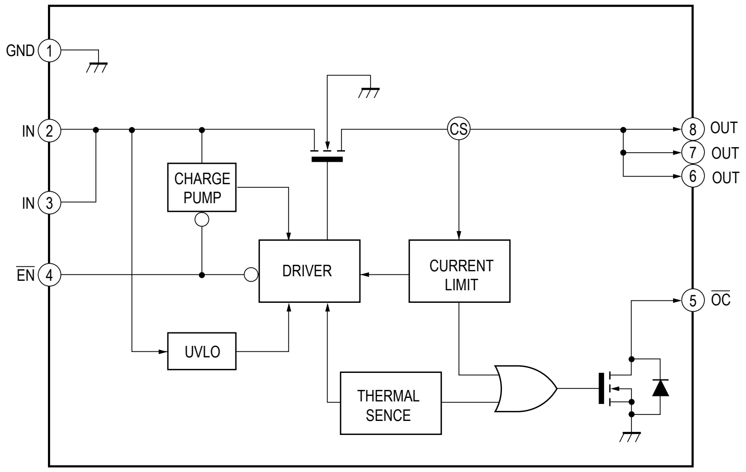
IC812 TS5A3159DCKR



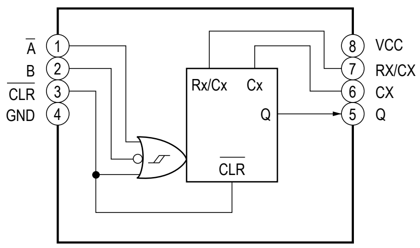
IC851 TPS40200DRG4



IC852 TPS2051BDRG4

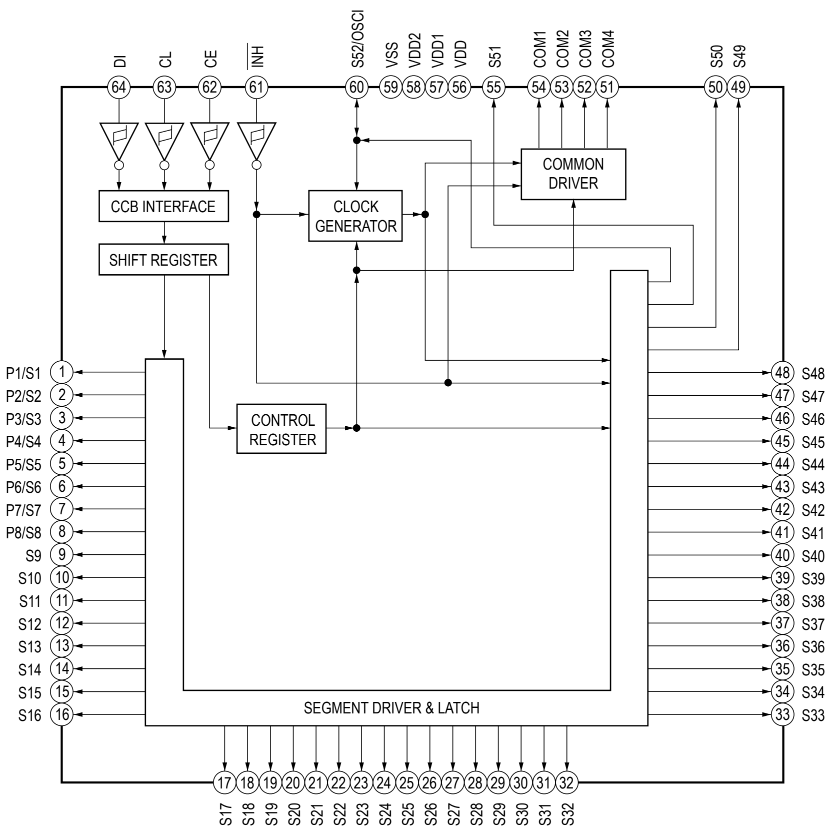


IC853 TC7WH123FU (TE12R)



– KEY Board –

IC901 LC75826WH-US-E



- **IC Pin Function Description**

MAIN BOARD IC501 MB90F883AHPF-G-102E1 (SYSTEM CONTROLLER)

Pin No.	Pin Name	I/O	Description
1	BT_PLAY	O	Key signal output to the Bluetooth section
2	BT_FR	O	Key signal output to the Bluetooth section
3	BT_FF	O	Key signal output to the Bluetooth section
4	BT_POWER_CTRL	O	Main power on/off control signal output terminal for the Bluetooth section "H": power on
5 to 8	BT_STATUS0 to BT_STATUS3	I	Status input from the Bluetooth section
9	XBT_RESET	O	Reset signal output to the Bluetooth section "L": reset
10	BT_MFUNC	O	Key signal output to the Bluetooth section
11	BT_OPRPOW	O	Key signal output to the Bluetooth section
12	BT_STATUS_POW	I	Power supply status input from the Bluetooth section "H": Bluetooth power on
13	X_OUT	O	Sub system clock output terminal (32.768 kHz)
14	X_IN	I	Sub system clock input terminal (32.768 kHz)
15	VCC	-	Power supply terminal (+3.3V)
16	VSS	-	Ground terminal
17	C	-	Not used
18	BT_TEST2	O	Test mode setting terminal for the Bluetooth test mode 2
19	BT_TEST1	O	Test mode setting terminal for the Bluetooth test mode 1
20	XNOSE_SW	I	Front panel remove/attach detection signal input terminal "L": front panel is attached
21	XDOOR_SW	I	Front panel remove/attach detection signal input terminal "L": front panel is attached Not used
22	I2C_SIO	I/O	IIC two-way data bus
23	I2C_SCK	O	IIC data transfer clock signal output terminal
24	DOOR_IND	O	LED drive signal output terminal Not used
25	CYRIL_SEL	I	Cyrillic letter response setting terminal "H": corresponds to Cyrillic letter
26, 27	RE_IN0, RE_IN1	I	Jog dial pulse input from the rotary encoder
28 to 30	AREA_SEL2 to AREA_SEL0	I	Setting terminal for the destination
31	B_OUTSEL	I	Blackout setting terminal "H": blackout effective
32	AVCC	-	Power supply terminal (+3.3V)
33	AVRH	I	Reference voltage (+3.3V) input terminal
34	XRC_IN1	I	Rotary remote commander shift key input terminal
35	AVSS	-	Ground terminal
36	SA_IN	I	Spectrum analyzer display data select signal input terminal Not used
37	VSM	I	FM and AM signal-meter voltage detection signal input from the PLL
38	TU_ATT	O	Tuner muting on/off control signal output terminal Not used
39, 40	KEY_IN1, KEY_IN0	I	Front panel key input terminal
41	RC_IN0	I	Rotary remote commander shift key input terminal
42	XEXT_ATT_XEN	O	Muting on/off control signal output terminal
43	WAKE_UP	O	Wakeup signal output to the CD section
44	VSS	-	Ground terminal
45	XKEY_ACK0	I	Acknowledge signal (wake up signal) input terminal for the rotary remote commander On at input of "H"
46	XKEY_ACK1	I	Acknowledge signal (wake up signal) input terminal for the front panel key On at input of "H"
47	DAVN	I	Synchronize detection signal input of RDS data block (BT3700U: AEP and UK models only)
48	LCD_CE	O	Chip enable signal output to the lequid crystal display driver
49	LCD_SO	O	Serial data output to the lequid crystal display driver
50	LCD_SCK	O	Serial data transfer clock signal output to the lequid crystal display driver
51 to 53	XMD2, MD1, MD0	I	Operation mode setting terminal
54	XRESET	I	System reset signal input from the reset signal generator and reset switch "L": reset
55	UNISI	I	SONY bus data input from the SONY bus interface
56	UNISO	O	SONY bus data output to the SONY bus interface
57	UNISCK	O	SONY bus clock signal output to the SONY bus interface

Pin No.	Pin Name	I/O	Description
58	RDS_ON	O	Power on/off control signal output terminal for the RDS section (BT3700U: AEP and UK models only)
59	MC_RX	I	Serial data input from the CD section
60	MC_TX	O	Serial data output to the CD section
61	XTEST_IN	-	Not used
62	Z_MUTE	I	Muting on/off control signal input from the CD section
63	XILL_IN	I	Illuminate line detect signal input for the auto dimmer control Dimmer is present at input of “L” Not used
64	ATT	O	Muting on/off control signal output terminal
65	VCC	-	Power supply terminal (+3.3V)
66	VSS	-	Ground terminal
67	BU_CHECK	I	Back up power supply detection signal input terminal “L” is input at low voltage
68	AMP_STB	O	Standby control signal output to the power amplifier
69	XDIAG	I	Diagnostic signal input from the power amplifier
70	EJECT_OK	I	CD eject OK signal output to the CD section
71	SA_OUT	O	Serial data output to the electrical volume Not used
72	SA_CLK	O	Serial data transfer clock signal output to the electrical volume Not used
73	F_AUX	O	Muting on/off control signal output terminal Not used
74	BT_ATT_XEN	O	Muting on/off control signal output terminal for the Bluetooth section
75	VBUS_ON	O	Power on/off control signal output terminal for the CD section
76	XUSB_OVR	I	Over voltage detection signal input terminal for USB power supply section
77	FLASH_EN0	-	Not used
78	FLASH_EN1	-	Not used
79	USB_ON	O	Power on/off control signal output terminal for the USB section
80	DD_ON	O	Power on/off control signal output terminal for the USB section
81	TEL_ATT	I	Telephone muting detection signal input terminal At input of “H”, the audio signal is attenuated by 20 dB
82	XACC_IN	I	Accessory power detection signal input terminal “L”: accessory power on
83	XBUS_ON	O	SONY bus on/off control signal output to the SONY bus interface
84	CD_ON	I	CD servo power supply control request input terminal
85	CDM_ON	I	CD mecha power supply control request input terminal
86	XSYS_RST	O	Reset signal output terminal
87	BT_MIC_POW	O	Microphone power on/off control signal output for the Bluetooth section “L”: power on
88	XBT_MIC_SEL	O	Microphone selection signal output terminal
89	BT_MIC_DET	I	Microphone detection signal input terminal for the EXTERNAL MICROPHONE jack
90	VCC	-	Power supply terminal (+3.3V)
91	VSS	-	Ground terminal
92	OSC_IN	I	Main system clock input terminal (7.92 MHz)
93	OSC_OUT	O	Main system clock output terminal (7.92 MHz)
94	BT_MUTE	I	Muting on/off control signal input from the Bluetooth section
95	SIRCS	I	Remote control signal input from the remote control receiver
96	BT_INT-HF	I	HF operation notification signal input from the Bluetooth section “H” active
97	BT_CVC	O	CVC selection request signal output to the Bluetooth section
98	ZAPPIN_BEEP	O	Beep sound drive signal output to the ellectrical volume
99	SYNC_OUT	O	Synchronize signal output to the DC/DC converter
100	BEEP	O	Beep sound drive signal output to the power amplifier

SECTION 5
EXPLODED VIEWS

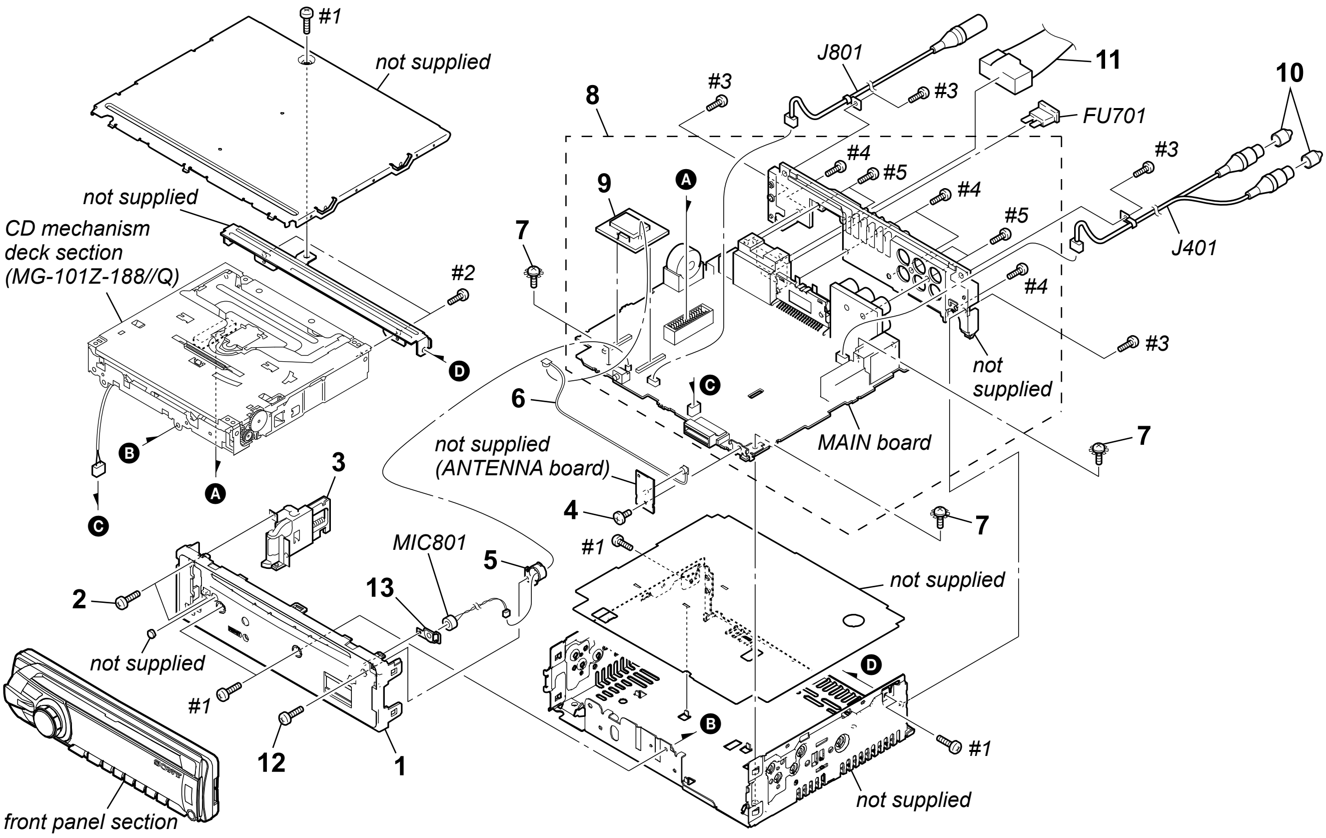
Note:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Color Indication of Appearance Parts Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts Color ↑ Cabinet's Color
- Abbreviation
  CND : Canadian model
  EA : Saudi Arabia model
  IND : Indian model
  MX : Mexican model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

5-1. MAIN SECTION

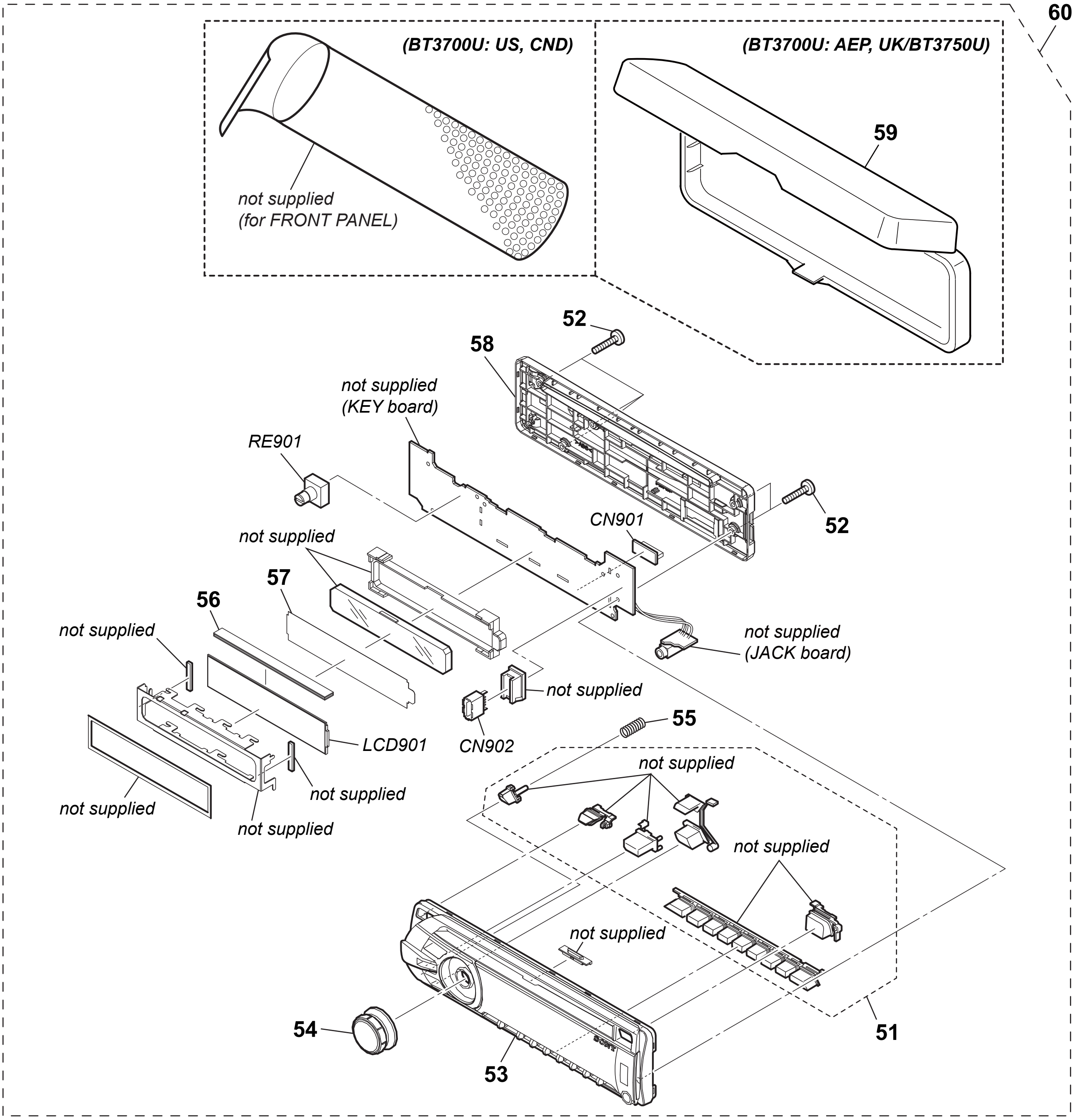


Note: When the BT board is replaced, it is necessary to confirm operation. Refer to "BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE" of the servicing note (See page 6).

Ref. No.	Part No.	Description	Remark
1	X-2342-713-1	PANEL ASSY, SUB	
2	3-042-244-11	SCREW (T)	
3	X-2179-399-1	LOCK ASSY (S)	
4	3-042-244-01	SCREW (T)	
5	2-898-980-01	HOLDER (MIC SLOT)	
6	1-834-740-11	LEAD WIRE WITH CONNECTOR	
7	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT	
8	A-1641-136-A	MAIN BOARD, COMPLETE (Including BT board) (BT3700U: AEP, UK)	
8	A-1641-137-A	MAIN BOARD, COMPLETE (Including BT board) (BT3700U: US, CND)	
8	A-1641-138-A	MAIN BOARD, COMPLETE (Including BT board) (BT3750U: E, MX, IND)	
8	A-1641-139-A	MAIN BOARD, COMPLETE (Including BT board) (BT3750U: EA)	
9	A-1641-142-A	BT BOARD, COMPLETE (Included in MAIN board)	
10	3-264-798-01	CAP	
11	1-831-838-11	CORD (WITH CONNECTOR) (POWER) (ISO) (BT3700U: AEP, UK)	

Ref. No.	Part No.	Description	Remark
11	1-833-101-11	CORD (WITH CONNECTOR) (POWER) (BT3700U: US, CND/BT3750U: E, EA, MX)	
11	1-833-762-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (BT3750U: IND (for Gasolin car))	
11	1-834-307-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (BT3750U: IND (for Diesel car))	
12	3-250-543-21	SCREW (+B P-TITE M2)	
13	X-2189-557-1	PLATE (MIC SLOT) (SV) ASSY	
FU701	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10A/32V)	
J401	1-833-887-11	CONNECTION CORD (RCA) (SUB OUT (MONO))	
J801	1-836-313-11	CORD, CONNECTION (MIC) (EXTERNAL MICROPHONE)	
MIC801	1-542-689-31	MICROPHONE	
#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	
#3	7-685-793-09	SCREW +PTT 2.6X8 (S)	
#4	7-685-794-09	SCREW +PTT 2.6X10 (S)	
#5	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	

5-2. FRONT PANEL SECTION

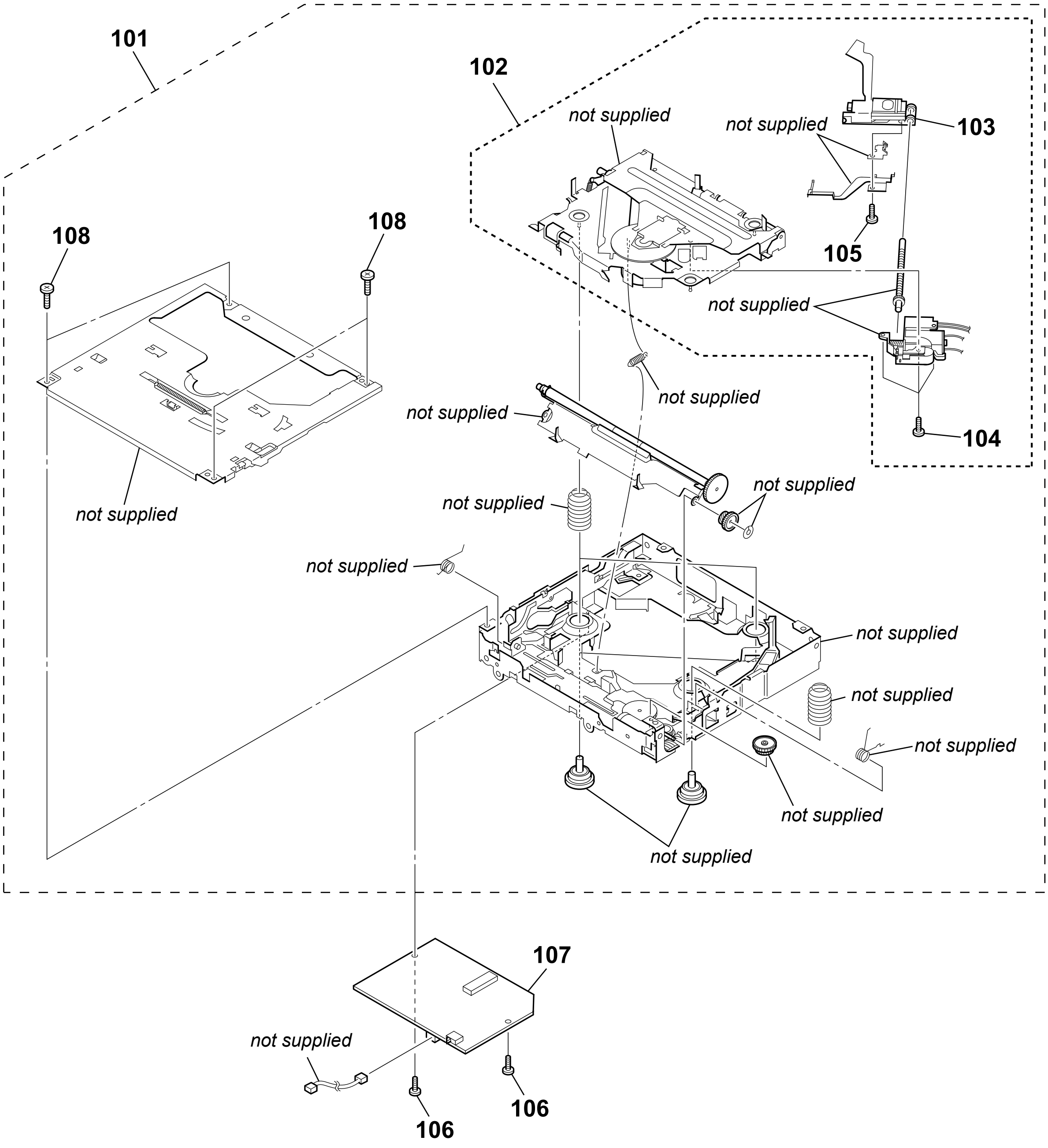


Note: Refer to the servicing notes "NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN902)" (See page 5), if replacing the Ref. No. CN902.

Ref. No.	Part No.	Description	Remark
51	X-2342-876-1	BUTTON ASSY (S) (BT3700U: AEP, UK)	
51	X-2342-877-1	BUTTON ASSY (S) (BT3700U: US, CND/BT3750U)	
52	3-250-543-21	SCREW (+B P-TITE M2)	
53	X-2342-714-1	PANEL (SV) ASSY, FRONT (BT3700U: AEP, UK)	
53	X-2342-715-1	PANEL (SV) ASSY, FRONT (BT3700U: US, CND)	
53	X-2342-716-1	PANEL (SV) ASSY, FRONT (BT3750U)	
54	X-2319-283-1	KNOB (VOL) (SV) ASSY	
55	2-639-881-01	SPRING (RELEASE)	
56	1-780-659-21	CONNECTOR (RUBBER)	
57	3-879-448-02	ILLUMINATOR (LCD)	
58	3-876-858-01	PANEL, BACK	

Ref. No.	Part No.	Description	Remark
59	X-2187-544-1	CASE ASSY (BT3700U: AEP, UK/BT3750U)	
60	A-1641-148-A	PANEL COMPLETE ASSY, FRONT (BT3700U: AEP, UK)	
60	A-1641-149-A	PANEL COMPLETE ASSY, FRONT (BT3700U: US, CND)	
60	A-1641-150-A	PANEL COMPLETE ASSY, FRONT (BT3750U)	
CN901	1-820-619-11	PLUG, CONNECTOR 20P	
CN902	1-820-858-21	CONNECTOR, USB (SOCKET) (USB)	
LCD901	1-802-849-11	DISPLAY PANEL, LIQUID CRYSTAL	
RE901	1-479-902-32	ENCODER, ROTARY (PUSH ENTER/SELECT/📞)	

5-3. CD MECHANISM DECK SECTION (MG-101Z-188//Q)



Ref. No.	Part No.	Description	Remark
101	A-1313-179-A	MECHANICAL BLOCK (U) ASSY 08,	
⚠ 102	A-1284-705-A	DAXEV08//Q	
⚠ 103	X-2149-672-1	OPTICAL PICK-UP (DAX-25A) (for SERVICE)	
104	2-626-869-31	SCREW (M2X3), SERRATION	
105	3-686-458-21	SCREW (P1.4), TAPPING	
106	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK	
107	A-1554-409-A	SERVO BOARD, COMPLETE	
108	2-134-636-71	SCREW (M1.7X2.5)	

SECTION 6
ELECTRICAL PARTS LIST

ANTENNA | BT | JACK | KEY

Note:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- CAPACITORS
  uF: μF
- COILS
  uH: μH
- RESISTORS
  All resistors are in ohms.
  METAL: Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F: nonflammable
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA. . : μA. . , uPA. . , μPA. . ,
  uPB. . : μPB. . , uPC. . , μPC. . ,
  uPD. . : μPD. .
- Abbreviation
  CND : Canadian model
  EA : Saudi Arabia model
  IND : Indian model
  MX : Mexican model

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
		ANTENNA BOARD	
		**************	
		< CONNECTOR >	
CN1	1-821-559-11	CONNECTOR, COAXIAL (SMT TYPE)	
*************			
	A-1641-142-A	BT BOARD, COMPLETE (Included in MAIN board)	
		*****************	

When BT board is defective, exchange the entire mounted board

****

Ref. No.	Part No.	Description	Remark
		JACK BOARD	
		**********	
		< FERRITE BEAD >	
FB901	1-414-760-21	INDUCTOR, FERRITE BEAD	
FB902	1-414-760-21	INDUCTOR, FERRITE BEAD	
FB903	1-414-760-21	INDUCTOR, FERRITE BEAD	
		< JACK >	
J901	1-819-732-21	JACK (DIA.3.5) (AUX)	
*************			
		KEY BOARD	
		*********	
		< CAPACITOR >	
C901	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C902	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C903	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C904	1-125-891-11	CERAMIC CHIP 0.47uF 10% 10V	
C906	1-107-826-11	CERAMIC CHIP 0.1uF 10% 16V	
C909	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C910	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C911	1-162-927-11	CERAMIC CHIP 100PF 5% 50V	
C913	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C914	1-127-715-11	CERAMIC CHIP 0.22uF 10% 16V	
C915	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
C916	1-162-970-11	CERAMIC CHIP 0.01uF 10% 25V	
		< DIODE >	
D901	6-501-193-01	DIODE 1SS355WTE-17	
D902	6-501-730-01	DIODE MAZ8051GMLS0	
D906	6-501-782-01	DIODE MAZ8180GMLS0	
D907	6-501-743-01	DIODE MAZ8068GMLS0	
D908	6-501-743-01	DIODE MAZ8068GMLS0	
D909	6-501-743-01	DIODE MAZ8068GMLS0	
D910	6-501-743-01	DIODE MAZ8068GMLS0	
D911	6-501-743-01	DIODE MAZ8068GMLS0	
D912	6-501-743-01	DIODE MAZ8068GMLS0	
		< IC >	
IC901	6-707-063-01	IC LC75826WH-US-E	
IC902	6-600-629-01	IC RS-470	
		< COIL >	
L901	1-457-223-11	COMMON MODE CHOKE COIL	
		< LED >	
LED901	6-501-339-01	LED NESW505CT-AST (LCD BACK LIGHT)	
LED907	6-501-547-02	LED CL-197HB1E-D-T (OFF)	
LED911	6-501-547-02	LED CL-197HB1E-D-T (SOURCE)	
LED913	6-501-547-02	LED CL-197HB1E-D-T (SOURCE)	
LED914	6-501-547-02	LED CL-197HB1E-D-T (SEEK+, ▶▶I, ▶▶)	
LED915	6-501-547-02	LED CL-197HB1E-D-T (BACK, MODE)	
LED918	6-501-547-02	LED CL-197HB1E-D-T (BLUETOOTH, BT)	
LED922	6-501-547-02	LED CL-197HB1E-D-T (DISC SLOT ILLUMINATION)	
LED924	6-501-547-02	LED CL-197HB1E-D-T (BLUETOOTH, BT)	
LED925	6-501-547-02	LED CL-197HB1E-D-T (BROWSE)	
LED928	6-502-395-01	LED SL-194S-WS-SD-T (PUSH ENTER/SELECT/HANDSFREE)	
LED930	6-501-547-02	LED CL-197HB1E-D-T (BROWSE)	
LED931	6-501-547-02	LED CL-197HB1E-D-T (◀◀, I◀◀, SEEK–)	
LED932	6-502-395-01	LED SL-194S-WS-SD-T (PUSH ENTER/SELECT/HANDSFREE)	
LED935	6-502-395-01	LED SL-194S-WS-SD-T (PUSH ENTER/SELECT/HANDSFREE)	
		< SWITCH >	
LSW901	1-786-998-14	SWITCH, TACT (WITH LED) (⏏)	
LSW905	1-786-998-14	SWITCH, TACT (WITH LED) (SCRL, DSPL)	
LSW906	1-786-998-14	SWITCH, TACT (WITH LED) (PAUSE, 6)	
LSW907	1-786-998-14	SWITCH, TACT (WITH LED) (MIC, 5)	
LSW908	1-786-998-14	SWITCH, TACT (WITH LED) (SHUF, 4)	
LSW909	1-786-998-14	SWITCH, TACT (WITH LED) (REP, 3)	
LSW910	1-786-998-14	SWITCH, TACT (WITH LED) (ALBM+, 2)	
LSW911	1-786-998-14	SWITCH, TACT (WITH LED) (–ALBM, 1)	
LSW912	1-786-998-14	SWITCH, TACT (WITH LED) (CAT, BTM)	(BT3700U: US, CND)

Note: When the BT board is replaced, it is necessary to confirm operation. Refer to "BLUETOOTH FUNCTION CHECKING METHOD USING A CELLULAR PHONE" of the servicing note (See page 6).

KEY **MAIN**

Ref. No.	Part No.	Description			Remark
LSW912	1-786-998-14	SWITCH, TACT (WITH LED) (PTY, AF/TA)			(BT3700U: AEP, UK)
LSW912	1-786-998-14	SWITCH, TACT (WITH LED) (BTM) (BT3750U)			
LSW913	1-786-998-14	SWITCH, TACT (WITH LED) (ZAP)			
		< TRANSISTOR >			
Q901	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q902	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
Q907	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF		
		< RESISTOR >			
R901	1-216-821-11	METAL CHIP	1K	5%	1/10W
R902	1-216-821-11	METAL CHIP	1K	5%	1/10W
R903	1-216-821-11	METAL CHIP	1K	5%	1/10W
R904	1-216-857-11	METAL CHIP	1M	5%	1/10W
R905	1-216-809-11	METAL CHIP	100	5%	1/10W
R906	1-216-811-11	METAL CHIP	150	5%	1/10W
R907	1-216-811-11	METAL CHIP	150	5%	1/10W
R908	1-216-809-11	METAL CHIP	100	5%	1/10W
R909	1-216-814-11	METAL CHIP	270	5%	1/10W
R910	1-216-814-11	METAL CHIP	270	5%	1/10W
R911	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R914	1-216-864-11	SHORT CHIP	0		
R920	1-216-820-11	METAL CHIP	820	5%	1/10W
R921	1-216-821-11	METAL CHIP	1K	5%	1/10W
R922	1-216-821-11	METAL CHIP	1K	5%	1/10W
R923	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R924	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R925	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R926	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R927	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R928	1-216-820-11	METAL CHIP	820	5%	1/10W
R929	1-216-821-11	METAL CHIP	1K	5%	1/10W
R930	1-216-821-11	METAL CHIP	1K	5%	1/10W
R931	1-216-822-11	METAL CHIP	1.2K	5%	1/10W
R932	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R933	1-216-824-11	METAL CHIP	1.8K	5%	1/10W
R934	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R935	1-216-817-11	METAL CHIP	470	5%	1/10W
R936	1-216-037-00	METAL CHIP	330	5%	1/10W
R939	1-216-037-00	METAL CHIP	330	5%	1/10W
R940	1-216-041-00	METAL CHIP	470	5%	1/10W
R943	1-216-025-11	METAL CHIP	100	5%	1/10W
R944	1-216-031-00	METAL CHIP	180	5%	1/10W
R947	1-216-047-91	METAL CHIP	820	5%	1/10W
R948	1-216-049-11	METAL CHIP	1K	5%	1/10W
R951	1-216-037-00	METAL CHIP	330	5%	1/10W
R952	1-216-041-00	METAL CHIP	470	5%	1/10W
R955	1-216-812-11	METAL CHIP	180	5%	1/10W
R959	1-216-809-11	METAL CHIP	100	5%	1/10W
R963	1-216-812-11	METAL CHIP	180	5%	1/10W
R964	1-216-809-11	METAL CHIP	100	5%	1/10W
R967	1-216-812-11	METAL CHIP	180	5%	1/10W
R968	1-216-025-11	METAL CHIP	100	5%	1/10W
R971	1-216-031-00	METAL CHIP	180	5%	1/10W
R972	1-216-029-00	METAL CHIP	150	5%	1/10W
R980	1-216-049-11	METAL CHIP	1K	5%	1/10W
R981	1-216-049-11	METAL CHIP	1K	5%	1/10W
R982	1-216-041-00	METAL CHIP	470	5%	1/10W
R986	1-216-864-11	SHORT CHIP	0		

Ref. No.	Part No.	Description			Remark
R987	1-216-864-11	SHORT CHIP	0		
R988	1-216-809-11	METAL CHIP	100	5%	1/10W
R989	1-216-809-11	METAL CHIP	100	5%	1/10W
R990	1-216-809-11	METAL CHIP	100	5%	1/10W
R991	1-216-827-11	METAL CHIP	3.3K	5%	1/10W
R992	1-216-833-11	METAL CHIP	10K	5%	1/10W
R993	1-216-833-11	METAL CHIP	10K	5%	1/10W
R996	1-216-833-11	METAL CHIP	10K	5%	1/10W
R998	1-216-864-11	SHORT CHIP	0		
		< COMPOSITION CIRCUIT BLOCK >			
RB901	1-239-662-81	RESISTOR, NETWORK 10			
		< SWITCH >			
S902	1-786-653-21	SWITCH, TACTILE (◀◀, I◀◀, SEEK–)			
S903	1-786-653-21	SWITCH, TACTILE (BROWSE)			
S904	1-786-653-21	SWITCH, TACTILE (BLUETOOTH, BT)			
S905	1-786-653-21	SWITCH, TACTILE (SEEK+, ▶▶I, ▶▶)			
S906	1-786-653-21	SWITCH, TACTILE (SOURCE)			
S907	1-786-653-21	SWITCH, TACTILE (OFF)			
S908	1-786-653-21	SWITCH, TACTILE (BACK, MODE)			
		< VARISTOR >			
VDR900	1-804-988-21	VARISTOR, CHIP (1608)			
VDR901	1-804-988-21	VARISTOR, CHIP (1608)			
VDR903	1-804-988-21	VARISTOR, CHIP (1608)			
VDR906	1-804-988-21	VARISTOR, CHIP (1608)			
VDR908	1-804-988-21	VARISTOR, CHIP (1608)			

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Ref. No.	Part No.	Description			Remark
	A-1641-136-A	MAIN BOARD, COMPLETE (BT3700U: AEP, UK)			
	A-1641-137-A	MAIN BOARD, COMPLETE (BT3700U: US, CND)			
	A-1641-138-A	MAIN BOARD, COMPLETE (BT3750U: E, MX, IND)			
	A-1641-139-A	MAIN BOARD, COMPLETE (BT3750U: EA)			
		********************			(Including BT board)
	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT			
	7-685-794-09	SCREW +PTT 2.6X10 (S)			
		< CAPACITOR >			
C1	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C5	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C6	1-162-914-11	CERAMIC CHIP	9PF	0.5PF	50V
					(BT3700U: US, CND/BT3750U: E, MX, IND)
C6	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V
					(BT3700U: AEP, UK/BT3750U: EA)
C7	1-162-911-11	CERAMIC CHIP	6PF	0.5PF	50V
C8	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C9	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C12	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V
C13	1-100-742-91	CERAMIC CHIP	2.2uF	20%	10V
C14	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C15	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C16	1-125-891-11	CERAMIC CHIP	0.47uF	10%	10V
C17	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C18	1-162-916-11	CERAMIC CHIP	12PF	5%	50V
C19	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C20	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C21	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C22	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C23	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V

Ref. No.	Part No.	Description				Remark
C24	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C25	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C26	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C27	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C28	1-126-947-11	ELECT	47uF	20%	35V	
C29	1-162-959-11	CERAMIC CHIP	330PF	5%	50V	(BT3700U: AEP, UK)
C32	1-162-915-11	CERAMIC CHIP	10PF	0.5PF	50V	(BT3700U: US, CND/BT3750U: E, MX, IND)
C50	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(BT3700U: AEP, UK)
C51	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(BT3700U: AEP, UK)
C52	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	(BT3700U: AEP, UK)
C53	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	(BT3700U: AEP, UK)
C54	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	(BT3700U: AEP, UK)
C55	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	(BT3700U: AEP, UK)
C56	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	(BT3700U: AEP, UK)
C57	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	(BT3700U: AEP, UK)
C58	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	(BT3700U: AEP, UK)
C59	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	(BT3700U: AEP, UK)
C60	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	(BT3700U: AEP, UK)
C61	1-126-947-11	ELECT	47uF	20%	35V	(BT3700U: AEP, UK)
C62	1-162-927-11	CERAMIC CHIP	100PF	5%	50V	(BT3700U: AEP, UK)
C100	1-126-961-11	ELECT	2.2uF	20%	50V	
C101	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C102	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C103	1-137-712-11	CERAMIC CHIP	4700PF	20%	250V	
C104	1-137-712-11	CERAMIC CHIP	4700PF	20%	250V	
C105	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C110	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C111	1-127-760-11	CERAMIC CHIP	4.7uF	10%	6.3V	
C112	1-126-934-11	ELECT	220uF	20%	16V	
C301	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C302	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C303	1-107-907-11	ELECT	22uF	20%	50V	
C304	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C305	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C306	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C307	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C308	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C309	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C310	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C311	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C312	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C313	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C314	1-100-352-91	CERAMIC CHIP	1uF	20%	16V	
C315	1-114-447-61	ELECT	47uF	20%	16V	
C316	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C317	1-124-233-11	ELECT	10uF	20%	16V	
C318	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	

Ref. No.	Part No.	Description				Remark
C319	1-124-233-11	ELECT	10uF	20%	16V	
C320	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C321	1-124-233-11	ELECT	10uF	20%	16V	
C322	1-114-447-61	ELECT	47uF	20%	16V	
C323	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C324	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C325	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C326	1-126-926-11	ELECT	1000uF	20%	10V	
C327	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C333	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
C334	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V	
C400	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C401	1-124-233-11	ELECT	10uF	20%	16V	
C402	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C403	1-124-584-00	ELECT	100uF	20%	10V	
C405	1-164-739-11	CERAMIC CHIP	560PF	5%	50V	
C406	1-164-739-11	CERAMIC CHIP	560PF	5%	50V	
C407	1-124-584-00	ELECT	100uF	20%	10V	
C408	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C413	1-126-964-11	ELECT	10uF	20%	50V	
C414	1-126-933-11	ELECT	100uF	20%	16V	
C415	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C455	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C456	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C457	1-115-871-11	ELECT	1uF	20%	50V	
C458	1-115-871-11	ELECT	1uF	20%	50V	
C459	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	
C460	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C463	1-115-871-11	ELECT	1uF	20%	50V	
C464	1-115-871-11	ELECT	1uF	20%	50V	
C470	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C471	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C472	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C473	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C474	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C475	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C476	1-124-589-11	ELECT	47uF	20%	16V	
C480	1-126-964-11	ELECT	10uF	20%	50V	
C482	1-126-964-11	ELECT	10uF	20%	50V	
C483	1-126-964-11	ELECT	10uF	20%	50V	
C484	1-126-964-11	ELECT	10uF	20%	50V	
C485	1-126-964-11	ELECT	10uF	20%	50V	
C486	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C487	1-162-966-11	CERAMIC CHIP	0.0022uF	10%	50V	
C499	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C500	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C501	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C502	1-128-057-11	ELECT	330uF	20%	6.3V	
C503	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C504	1-162-920-11	CERAMIC CHIP	27PF	5%	50V	
C505	1-162-920-11	CERAMIC CHIP	27PF	5%	50V	
C506	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C507	1-100-352-91	CERAMIC CHIP	1uF	20%	16V	
C508	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C509	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C510	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C511	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C512	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C514	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	

MAIN

Ref. No.	Part No.	Description				Remark
C515	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C519	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C600	1-126-941-11	ELECT	470uF	20%	25V	
C610	1-165-319-11	CERAMIC CHIP	0.1uF		50V	
C611	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C701	1-112-302-11	ELECT	3300uF	20%	16V	
C702	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C703	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C704	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C705	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	
C707	1-164-005-11	CERAMIC CHIP	0.47uF		25V	
C708	1-164-005-11	CERAMIC CHIP	0.47uF		25V	
C709	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	
C710	1-162-967-11	CERAMIC CHIP	0.0033uF	10%	50V	
C801	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C803	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C804	1-124-589-11	ELECT	47uF	20%	16V	
C805	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C806	1-124-584-00	ELECT	100uF	20%	10V	
C807	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	
C809	1-216-864-11	SHORT CHIP	0			
C812	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C813	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C822	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	
C823	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	
C826	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C828	1-115-416-11	CERAMIC CHIP	0.001uF	5%	25V	
C829	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C830	1-112-300-91	CERAMIC CHIP	4.7uF	10%	10V	
C834	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C838	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C840	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C845	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C847	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	
C850	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	
C851	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C852	1-126-941-11	ELECT	470uF	20%	25V	
C853	1-100-352-91	CERAMIC CHIP	1uF	20%	16V	
C854	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C855	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	
C856	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	
C857	1-100-352-91	CERAMIC CHIP	1uF	20%	16V	
C858	1-162-965-11	CERAMIC CHIP	0.0015uF	10%	50V	
C859	1-162-917-11	CERAMIC CHIP	15PF	5%	50V	
C860	1-100-352-91	CERAMIC CHIP	1uF	20%	16V	
C861	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C863	1-126-934-11	ELECT	220uF	20%	16V	
C864	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C865	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C869	1-164-315-11	CERAMIC CHIP	470PF	5%	50V	
C870	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C871	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	
C880	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V	
C881	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C882	1-107-726-91	CERAMIC CHIP	0.01uF	10%	16V	
C883	1-100-566-91	CERAMIC CHIP	0.1uF	10%	25V	
C899	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C900	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C905	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	
C924	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	

Ref. No.	Part No.	Description	Remark
C930	1-162-964-11	CERAMIC CHIP 0.001uF 10% 50V	
		< CONNECTOR >	
CN101	1-820-622-21	SOCKET, CONNECTOR 20P	
CN110	1-691-550-11	PIN, CONNECTOR (1.5mm) (SMD) 3P	
CN350	1-820-611-11	CONNECTOR, BOARD TO BOARD 28P	
* CN410	1-564-506-11	PLUG, CONNECTOR 3P	
* CN501	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P	
CN701	1-774-701-21	PIN, CONNECTOR 16P	
CN810	1-784-650-21	CONNECTOR 2P	
* CN811	1-506-985-11	PIN, CONNECTOR (PC BOARD) 3P	
CNJ600	1-580-907-41	PLUG, CONNECTOR (BUS CONTROL IN)	
		< DIODE >	
D102	6-501-782-01	DIODE MAZ8180GMLS0	
D111	6-501-817-01	DIODE MA2J1110GLS0	
D112	6-501-817-01	DIODE MA2J1110GLS0	
D113	6-501-817-01	DIODE MA2J1110GLS0	
D114	6-501-817-01	DIODE MA2J1110GLS0	
D117	8-719-978-33	DIODE DTZ-TT11-6.8B	
D118	6-501-743-01	DIODE MAZ8068GMLS0	
D119	6-501-743-01	DIODE MAZ8068GMLS0	
D120	6-501-743-01	DIODE MAZ8068GMLS0	
D301	6-502-643-01	DIODE 1A4-A2	
D302	6-502-643-01	DIODE 1A4-A2	
D303	6-502-643-01	DIODE 1A4-A2	
D304	6-502-643-01	DIODE 1A4-A2	
D305	6-502-643-01	DIODE 1A4-A2	
D306	8-719-053-18	DIODE 1SR154-400TE-25	
D307	6-502-643-01	DIODE 1A4-A2	
D308	6-502-643-01	DIODE 1A4-A2	
D309	6-502-643-01	DIODE 1A4-A2	
D310	6-502-643-01	DIODE 1A4-A2	
D311	6-502-643-01	DIODE 1A4-A2	
D312	6-502-643-01	DIODE 1A4-A2	
D400	6-501-656-01	DIODE LBAT54ALT1G	
D470	6-501-193-01	DIODE 1SS355WTE-17	
D472	6-500-335-01	DIODE MC2838-T112-1	
D502	6-501-193-01	DIODE 1SS355WTE-17	
D505	6-502-131-01	DIODE LRB751V-40T1G	
D600	6-501-738-01	DIODE MAZ8062GMLS0	
D601	6-501-782-01	DIODE MAZ8180GMLS0	
D610	6-501-782-01	DIODE MAZ8180GMLS0	
D611	8-719-072-70	DIODE MA2ZD14001S0	
D612	6-501-782-01	DIODE MAZ8180GMLS0	
D701	6-501-571-01	DIODE 1N5404-C311-3	
D702	6-501-782-01	DIODE MAZ8180GMLS0	
D703	6-501-782-01	DIODE MAZ8180GMLS0	
D704	6-501-782-01	DIODE MAZ8180GMLS0	
D705	6-501-782-01	DIODE MAZ8180GMLS0	
D801	6-501-656-01	DIODE LBAT54ALT1G	
D802	6-501-654-01	DIODE LBAT54CLT1G	
D820	6-501-743-01	DIODE MAZ8068GMLS0	
D821	6-501-768-01	DIODE MAZ8120GMLS0	
D823	6-502-131-01	DIODE LRB751V-40T1G	
D824	6-501-743-01	DIODE MAZ8068GMLS0	
D851	6-501-768-01	DIODE MAZ8120GMLS0	
D852	6-501-657-01	DIODE MA24D5000BS0	
D853	6-501-734-01	DIODE MAZ8056GMLS0	
D854	6-501-817-01	DIODE MA2J1110GLS0	

Ref. No.	Part No.	Description	Remark
D855	8-719-053-18	DIODE 1SR154-400TE-25 (BT3700U: AEP, UK)	
		< FERRITE BEAD >	
FB1	1-400-334-21	FERRITE, EMI (SMD) (1608) (BT3700U: US, CND/BT3750U: E, MX, IND)	
FB2	1-400-334-21	FERRITE, EMI (SMD) (1608) (BT3700U: US, CND/BT3750U: E, MX, IND)	
FB3	1-400-334-21	FERRITE, EMI (SMD) (1608) (BT3700U: US, CND/BT3750U: E, MX, IND)	
FB4	1-400-334-21	FERRITE, EMI (SMD) (1608) (BT3700U: US, CND/BT3750U: E, MX, IND)	
FB14	1-414-595-11	INDUCTOR, FERRITE BEAD	
FB15	1-414-595-11	INDUCTOR, FERRITE BEAD	
FB50	1-500-329-21	INDUCTOR, FERRITE BEAD (BT3700U: AEP, UK)	
FB51	1-500-329-21	INDUCTOR, FERRITE BEAD (BT3700U: AEP, UK)	
FB52	1-500-329-21	INDUCTOR, FERRITE BEAD (BT3700U: AEP, UK)	
FB53	1-500-329-21	INDUCTOR, FERRITE BEAD (BT3700U: AEP, UK)	
FB105	1-500-245-11	INDUCTOR, FERRITE BEAD	
FB418	1-500-329-21	INDUCTOR, FERRITE BEAD	
FB419	1-469-876-11	INDUCTOR, FERRITE BEAD	
FB420	1-414-228-11	INDUCTOR, FERRITE BEAD	
FB566	1-414-595-11	INDUCTOR, FERRITE BEAD	
		< FUSE >	
FU851	1-576-415-11	FUSE (2A/32V)	
		< IC >	
IC1	6-712-929-02	IC TEF6607T/V4/S470, 518	
IC50	6-803-747-01	IC TDA7333013TR (BT3700U: AEP, UK)	
IC301	6-705-359-02	IC TDA8588AJ/N2/R1	
IC401	6-713-080-11	IC BD3447AFV-E2	
IC501	6-808-522-01	IC MB90F883AHPF-G-102E1	
IC502	6-702-302-01	IC TK11133CSCL-G	
IC503	6-709-458-01	IC XC61CN2802NR	
IC601	6-703-884-01	IC BA8271F-E2	
IC801	6-702-302-01	IC TK11133CSCL-G	
IC812	6-711-719-01	IC TS5A3159DCKR	
IC813	8-759-422-21	IC NJM4580V (TE2)	
IC814	8-759-422-21	IC NJM4580V (TE2)	
IC851	6-710-965-01	IC TPS40200DRG4	
IC852	6-710-624-01	IC TPS2051BDRG4	
IC853	8-759-586-19	IC TC7WH123FU (TE12R)	
		< JACK >	
J1	1-815-185-13	JACK (ANT) (ANTENNA IN)	
J701	1-566-822-41	JACK (REMOTE IN)	
J901	1-774-700-41	JACK, PIN 6P (FRONT/REAR AUDIO OUT, BUS AUDIO IN)	
		< COIL/JUMPER RESISTOR >	
L1	1-414-180-51	INDUCTOR 3.3uH	
L2	1-410-501-61	INDUCTOR 2.2uH	
L6	1-457-644-11	COIL (FM MIX)	
L7	1-481-285-51	INDUCTOR 560uH	
L8	1-481-285-51	INDUCTOR 560uH	
L110	1-412-525-31	INDUCTOR 10uH	
L400	1-216-295-91	SHORT CHIP 0 (BT3700U/BT3750U: EA)	
L401	1-469-844-11	INDUCTOR 2.2uH (BT3750U: E, MX, IND)	
L701	1-456-617-11	COIL, CHOKE	
L851	1-411-595-21	INDUCTOR 47uH	
L852	1-406-718-21	INDUCTOR 68uH	

Ref. No.	Part No.	Description	Remark
		< TRANSISTOR >	
Q52	6-551-696-01	TRANSISTOR ISA1235AC1TP-1EF	(BT3700U: AEP, UK)
Q470	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q471	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q480	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q482	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q483	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q484	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q485	6-551-856-01	TRANSISTOR LTC614TKFP8T146	
Q490	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q493	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q597	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q598	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q599	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q600	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q701	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q703	8-729-620-07	TRANSISTOR 2SC3052EF-T1-LEF	
Q802	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q803	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q820	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q821	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q822	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q823	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q824	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q825	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q826	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q827	8-729-027-23	TRANSISTOR DTA114EKA-T146	
Q851	6-551-923-01	FET TPC6108 (T5RSONYF, M	
Q852	8-729-027-43	TRANSISTOR DTC114EKA-T146	
Q853	6-550-828-01	FET RSQ035P03TR	
Q854	6-550-363-01	TRANSISTOR 2SB1690KT146	
Q861	6-551-923-01	FET TPC6108 (T5RSONYF, M	
Q862	6-550-619-01	FET SSM3J05FU	
		< RESISTOR >	
R1	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R2	1-216-853-11	METAL CHIP 470K 5% 1/10W	
R3	1-216-864-11	SHORT CHIP 0	(BT3700U: AEP, UK/BT3750U: EA)
R4	1-216-864-11	SHORT CHIP 0	
R5	1-216-864-11	SHORT CHIP 0	
R6	1-216-843-11	METAL CHIP 68K 5% 1/10W	
R10	1-216-839-11	METAL CHIP 33K 5% 1/10W	
R11	1-216-829-11	METAL CHIP 4.7K 5% 1/10W	
R12	1-216-009-91	METAL CHIP 22 5% 1/10W	
R13	1-216-809-11	METAL CHIP 100 5% 1/10W	
R14	1-216-809-11	METAL CHIP 100 5% 1/10W	
R15	1-216-864-11	SHORT CHIP 0	(BT3700U: AEP, UK/BT3750U: EA)
R16	1-216-864-11	SHORT CHIP 0	(BT3700U: AEP, UK/BT3750U: EA)
R17	1-216-864-11	SHORT CHIP 0	(BT3700U: AEP, UK/BT3750U: EA)
R18	1-216-864-11	SHORT CHIP 0	
R19	1-216-864-11	SHORT CHIP 0	
R50	1-216-864-11	SHORT CHIP 0 (BT3700U: AEP, UK)	
R51	1-216-864-11	SHORT CHIP 0 (BT3700U: AEP, UK)	
R54	1-216-797-11	METAL CHIP 10 5% 1/10W	(BT3700U: AEP, UK)

MAIN

Ref. No.	Part No.	Description				Remark
R55	1-216-797-11	METAL CHIP	10	5%	1/10W	
				(BT3700U: AEP, UK)		
R56	1-216-845-11	METAL CHIP	100K	5%	1/10W	
				(BT3700U: AEP, UK)		
R57	1-216-821-11	METAL CHIP	1K	5%	1/10W	
				(BT3700U: AEP, UK)		
R58	1-216-833-11	METAL CHIP	10K	5%	1/10W	
				(BT3700U: AEP, UK)		
R59	1-216-833-11	METAL CHIP	10K	5%	1/10W	
				(BT3700U: AEP, UK)		
R60	1-216-864-11	SHORT CHIP	0 (BT3700U: AEP, UK)			
R100	1-216-864-11	SHORT CHIP	0			
R101	1-216-834-11	METAL CHIP	12K	5%	1/10W	
R102	1-216-834-11	METAL CHIP	12K	5%	1/10W	
R103	1-216-817-11	METAL CHIP	470	5%	1/10W	
R104	1-216-817-11	METAL CHIP	470	5%	1/10W	
R106	1-216-057-00	METAL CHIP	2.2K	5%	1/10W	
R110	1-249-411-11	CARBON	330	5%	1/4W	
R111	1-216-797-11	METAL CHIP	10	5%	1/10W	
R112	1-216-797-11	METAL CHIP	10	5%	1/10W	
R301	1-216-295-91	SHORT CHIP	0			
R302	1-216-295-91	SHORT CHIP	0			
R303	1-216-811-11	METAL CHIP	150	5%	1/10W	
R304	1-216-864-11	SHORT CHIP	0			
R305	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R306	1-216-295-91	SHORT CHIP	0			
R309	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R400	1-216-809-11	METAL CHIP	100	5%	1/10W	
R401	1-216-809-11	METAL CHIP	100	5%	1/10W	
R403	1-216-809-11	METAL CHIP	100	5%	1/10W	
R404	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R406	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R407	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R408	1-216-864-11	SHORT CHIP	0			
R409	1-216-864-11	SHORT CHIP	0			
R412	1-216-864-11	SHORT CHIP	0			
R413	1-216-864-11	SHORT CHIP	0			
R414	1-216-864-11	SHORT CHIP	0			
R415	1-216-295-91	SHORT CHIP	0			
R416	1-216-864-11	SHORT CHIP	0			
R456	1-216-864-11	SHORT CHIP	0			
R457	1-216-864-11	SHORT CHIP	0			
R460	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R461	1-216-864-11	SHORT CHIP	0			
R462	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R463	1-216-864-11	SHORT CHIP	0			
R464	1-216-864-11	SHORT CHIP	0			
R468	1-216-864-11	SHORT CHIP	0			
R469	1-216-864-11	SHORT CHIP	0			
R470	1-216-801-11	METAL CHIP	22	5%	1/10W	
R472	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R473	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R478	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R479	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R480	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R482	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R483	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R484	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R485	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R488	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R489	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R490	1-216-813-11	METAL CHIP	220	5%	1/10W	
R491	1-216-813-11	METAL CHIP	220	5%	1/10W	
R492	1-216-813-11	METAL CHIP	220	5%	1/10W	
R493	1-216-813-11	METAL CHIP	220	5%	1/10W	
R494	1-216-813-11	METAL CHIP	220	5%	1/10W	
R500	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R502	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R503	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3750U)
R504	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3700U)
R505	1-216-809-11	METAL CHIP	100	5%	1/10W	
R506	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R511	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R513	1-216-809-11	METAL CHIP	100	5%	1/10W	
R514	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R515	1-216-809-11	METAL CHIP	100	5%	1/10W	
R516	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R517	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R518	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R519	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R520	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R521	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R522	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R525	1-216-809-11	METAL CHIP	100	5%	1/10W	
R526	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	
R527	1-216-809-11	METAL CHIP	100	5%	1/10W	
R528	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	
R529	1-216-809-11	METAL CHIP	100	5%	1/10W	
R530	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	
R531	1-216-809-11	METAL CHIP	100	5%	1/10W	
R532	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	
R533	1-216-809-11	METAL CHIP	100	5%	1/10W	
R534	1-216-817-11	METAL CHIP	470	5%	1/10W	
R535	1-216-817-11	METAL CHIP	470	5%	1/10W	
R536	1-216-817-11	METAL CHIP	470	5%	1/10W	
R537	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R538	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R539	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R540	1-216-809-11	METAL CHIP	100	5%	1/10W	
R541	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3700U: AEP, UK)
R542	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3700U: US, CND/BT3750U)
R543	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3700U: US, CND)
R544	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3700U: AEP, UK/BT3750U)
R546	1-216-845-11	METAL CHIP	100K	5%	1/10W	
						(BT3700U/BT3750U: EA)
R547	1-216-809-11	METAL CHIP	100	5%	1/10W	
R548	1-216-809-11	METAL CHIP	100	5%	1/10W	
R549	1-216-809-11	METAL CHIP	100	5%	1/10W	
R550	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R551	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R552	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R553	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R555	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R556	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R557	1-216-809-11	METAL CHIP	100	5%	1/10W	
R558	1-216-845-11	METAL CHIP	100K	5%	1/10W	

Ref. No.	Part No.	Description				Remark
R559	1-216-845-11	METAL CHIP	100K	5%	1/10W	(BT3750U: E, MX, IND)
R560	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R561	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R565	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R567	1-216-864-11	SHORT CHIP	0			
R568	1-216-864-11	SHORT CHIP	0			
R569	1-216-864-11	SHORT CHIP	0			
R570	1-216-864-11	SHORT CHIP	0			
R571	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R572	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R578	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R579	1-216-817-11	METAL CHIP	470	5%	1/10W	
R585	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R590	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R600	1-216-835-11	METAL CHIP	15K	5%	1/10W	
R602	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R610	1-216-809-11	METAL CHIP	100	5%	1/10W	
R611	1-216-809-11	METAL CHIP	100	5%	1/10W	
R612	1-216-864-11	SHORT CHIP	0			
R613	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R614	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R615	1-216-809-11	METAL CHIP	100	5%	1/10W	
R616	1-216-851-11	METAL CHIP	330K	5%	1/10W	
R617	1-216-851-11	METAL CHIP	330K	5%	1/10W	
R618	1-216-864-11	SHORT CHIP	0			
R701	1-249-425-11	CARBON	4.7K	5%	1/4W	
R702	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R704	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R705	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R706	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R709	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R710	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R711	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R712	1-216-864-11	SHORT CHIP	0			
R713	1-216-864-11	SHORT CHIP	0			
R714	1-216-864-11	SHORT CHIP	0			
R800	1-216-864-11	SHORT CHIP	0			
R801	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R803	1-216-809-11	METAL CHIP	100	5%	1/10W	
R805	1-216-809-11	METAL CHIP	100	5%	1/10W	
R806	1-216-809-11	METAL CHIP	100	5%	1/10W	
R807	1-216-809-11	METAL CHIP	100	5%	1/10W	
R808	1-216-809-11	METAL CHIP	100	5%	1/10W	
R809	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R810	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R811	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R812	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R813	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R815	1-216-809-11	METAL CHIP	100	5%	1/10W	
R816	1-216-809-11	METAL CHIP	100	5%	1/10W	
R817	1-216-809-11	METAL CHIP	100	5%	1/10W	
R818	1-216-809-11	METAL CHIP	100	5%	1/10W	
R819	1-216-809-11	METAL CHIP	100	5%	1/10W	
R820	1-216-809-11	METAL CHIP	100	5%	1/10W	
R821	1-216-809-11	METAL CHIP	100	5%	1/10W	
R822	1-216-809-11	METAL CHIP	100	5%	1/10W	
R823	1-216-809-11	METAL CHIP	100	5%	1/10W	
R824	1-216-809-11	METAL CHIP	100	5%	1/10W	
R825	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	

Ref. No.	Part No.	Description				Remark
R826	1-216-864-11	SHORT CHIP	0			
R829	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R830	1-216-864-11	SHORT CHIP	0			
R831	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R832	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	
R833	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R834	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R835	1-216-864-11	SHORT CHIP	0			
R836	1-216-864-11	SHORT CHIP	0			
R837	1-216-864-11	SHORT CHIP	0			
R838	1-216-864-11	SHORT CHIP	0			
R847	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R849	1-216-864-11	SHORT CHIP	0			
R851	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R852	1-216-841-11	METAL CHIP	47K	5%	1/10W	
R855	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	
R856	1-216-843-11	METAL CHIP	68K	5%	1/10W	
R858	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R860	1-216-851-11	METAL CHIP	330K	5%	1/10W	
R861	1-218-885-11	METAL CHIP	39K	0.5%	1/10W	
R862	1-218-895-11	METAL CHIP	100K	0.5%	1/10W	
R863	1-218-879-11	METAL CHIP	22K	0.5%	1/10W	
R864	1-216-845-11	METAL CHIP	100K	5%	1/10W	
R865	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R866	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R867	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	
R868	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R869	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R870	1-216-864-11	SHORT CHIP	0			
R871	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R872	1-216-864-11	SHORT CHIP	0			
R873	1-216-833-11	METAL CHIP	10K	5%	1/10W	
R874	1-216-864-11	SHORT CHIP	0			
R880	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R881	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R882	1-216-864-11	SHORT CHIP	0			
R883	1-216-864-11	SHORT CHIP	0			
R884	1-218-895-11	METAL CHIP	100K	0.5%	1/10W	
R885	1-218-895-11	METAL CHIP	100K	0.5%	1/10W	
R886	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W	
R887	1-218-861-11	METAL CHIP	3.9K	0.5%	1/10W	
R889	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R890	1-216-849-11	METAL CHIP	220K	5%	1/10W	
R891	1-216-837-11	METAL CHIP	22K	5%	1/10W	
R892	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R893	1-216-864-11	SHORT CHIP	0			
R898	1-216-864-11	SHORT CHIP	0			
R899	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R900	1-216-821-11	METAL CHIP	1K	5%	1/10W	
R929	1-216-864-11	SHORT CHIP	0			
		< SWITCH >				
S101	1-786-826-11	SWITCH, TACTILE (RESET)				
S502	1-571-478-11	SWITCH, SLIDE (FREQUENCY SELECT)				(BT3750U: E, MX, IND)
		< THERMISTOR >				
TH600	1-803-350-21	THERMISTOR, POSITIVE				

MAIN **SENSOR** **SERVO**

Ref. No.	Part No.	Description	Remark
		< VARISTOR>	
VR1	1-805-043-11	ABSORBER, CHIP SURGE	
		< VIBRATOR >	
X1	1-814-161-11	QUARTZ CRYSTAL UNIT (4MHz)	
X50	1-813-532-11	VIBRATOR, CRYSTAL (8.664MHz)	(BT3700U: AEP, UK)
X501	1-814-207-21	VIBRATOR, CERAMIC (7.92MHz)	
X502	1-767-317-11	VIBRATOR, CRYSTAL (32.768kHz)	

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SENSOR BOARD
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Ref. No.	Part No.	Description	Remark
	A-1554-409-A	SERVO BOARD, COMPLETE	

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When SERVO board is defective, exchange the entire mounted board.

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MISCELLANEOUS
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Ref. No.	Part No.	Description	Remark
6	1-834-740-11	LEAD WIRE WITH CONNECTOR	
11	1-831-838-11	CORD (WITH CONNECTOR) (POWER) (ISO)	(BT3700U: AEP, UK)
11	1-833-101-11	CORD (WITH CONNECTOR) (POWER)	(BT3700U: US, CND/BT3750U: E, EA, MX)
11	1-833-762-11	CONNECTION CORD FOR AUTOMOBILE (POWER)	(BT3750U: IND (for Gasolin car))
11	1-834-307-11	CONNECTION CORD FOR AUTOMOBILE (POWER)	(BT3750U: IND (for Diesel car))
56	1-780-659-21	CONNECTOR (RUBBER)	
60	A-1641-148-A	PANEL COMPLETE ASSY, FRONT	(BT3700U: AEP, UK)
60	A-1641-149-A	PANEL COMPLETE ASSY, FRONT	(BT3700U: US, CND)
60	A-1641-150-A	PANEL COMPLETE ASSY, FRONT (BT3750U)	
101	A-1313-179-A	MECHANICAL BLOCK (U) ASSY 08,	
⚠ 102	A-1284-705-A	DAXEV08//Q	
⚠ 103	X-2149-672-1	OPTICAL PICK-UP (DAX-25A) (for SERVICE)	
CN901	1-820-619-11	PLUG, CONNECTOR 20P	
CN902	1-820-858-21	CONNECTOR, USB (SOCKET) (USB)	
FU701	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) (10A/32V)	
J401	1-833-887-11	CONNECTION CORD (RCA) (SUB OUT (MONO))	
J801	1-836-313-11	CORD, CONNECTION (MIC)	(EXTERNAL MICROPHONE)
LCD901	1-802-849-11	DISPLAY PANEL, LIQUID CRYSTAL	
MIC801	1-542-689-31	MICROPHONE	
RE901	1-479-902-32	ENCODER, ROTARY (PUSH ENTER/SELECT/☎)	

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ACCESSORIES
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Ref. No.	Part No.	Description	Remark
	1-480-150-11	REMOTE COMMANDER (RM-X304)	(Including battery case lid)
	2-548-729-01	LID, BATTERY CASE (for RM-X304)	
	4-125-655-11	MANUAL INSTRUCTION (ENGLISH, SPANISH)	(BT3700U: US)
	4-125-655-21	MANUAL INSTRUCTION (ENGLISH, SPANISH, PERSIAN)	(BT3750U: E, IND)
	4-125-655-31	MANUAL INSTRUCTION (ENGLISH, ARABIC)	(BT3750U: EA)
	4-125-655-41	MANUAL INSTRUCTION (ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH)	(BT3700U: AEP, UK)
	4-125-655-51	MANUAL INSTRUCTION (SPANISH)	(BT3750U: MX)
	4-125-655-71	MANUAL INSTRUCTION (ENGLISH, FRENCH)	(BT3700U: CND)
	4-125-656-11	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH)	(BT3700U: US)
	4-125-656-21	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH, PERSIAN)	(BT3750U: E, MX, IND)
	4-125-656-31	MANUAL, INSTRUCTION, INSTALL (ENGLISH, ARABIC)	(BT3750U: EA)
	4-125-656-41	MANUAL, INSTRUCTION, INSTALL (ENGLISH, GERMAN, FRENCH, ITALIAN, DUTCH)	(BT3700U: AEP, UK)
	4-125-656-51	MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH)	(BT3700U: CND)
	4-125-657-11	QUICK GUIDE (BLUETOOTH) (ENGLISH, SPANISH)	(BT3700U: US)
	4-125-657-21	QUICK GUIDE (BLUETOOTH) (ENGLISH, SPANISH, PERSIAN)	(BT3750U: E, MX, IND)
	4-125-657-31	QUICK GUIDE (BLUETOOTH) (ENGLISH, ARABIC)	(BT3750U: EA)
	4-125-657-41	QUICK GUIDE (BLUETOOTH) (ENGLISH, GERMAN, FRENCH)	(BT3700U: AEP, UK)
	4-125-657-51	QUICK GUIDE (BLUETOOTH) (ITALIAN, DUTCH)	(BT3700U: AEP, UK)
	4-125-657-61	QUICK GUIDE (BLUETOOTH) (ENGLISH, FRENCH)	(BT3700U: CND)

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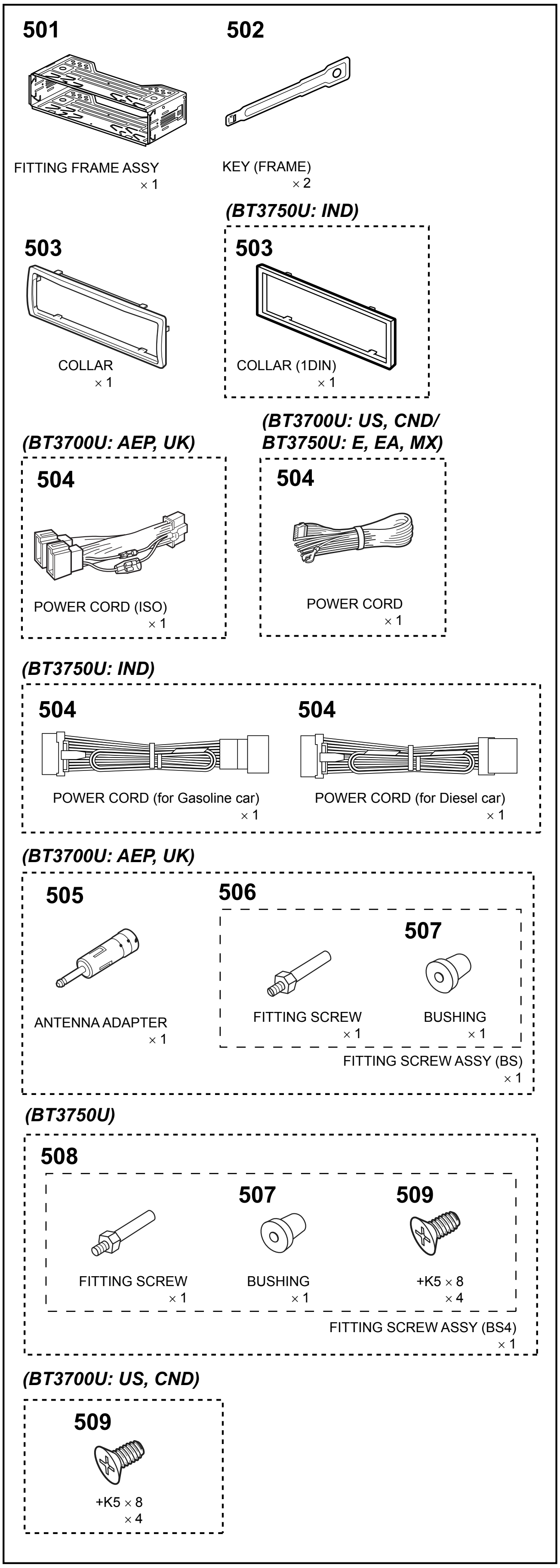
Note: Refer to the servicing notes “NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN902)” (See page 5), if replacing the Ref. No. CN902.

Ref. No.	Part No.	Description	Remark
		PARTS FOR INSTALLATION AND CONNECTIONS	
		**************************************	
501	X-2179-431-2	FRAME ASSY, FITTING	
502	3-876-675-01	KEY (FRAME)	
503	2-686-803-12	COLLAR	
503	3-255-785-02	COLLAR (1DIN) (BT3750U: IND)	
504	1-831-838-11	CORD (WITH CONNECTOR) (POWER) (ISO) (BT3700U: AEP, UK)	
504	1-833-101-11	CORD (WITH CONNECTOR) (POWER) (BT3700U: US, CND/BT3750U: E, EA, MX)	
504	1-833-762-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (BT3750U: IND (for Gasolin car))	
504	1-834-307-11	CONNECTION CORD FOR AUTOMOBILE (POWER) (BT3750U: IND (for Diesel car))	
505	1-465-459-31	ADAPTER, ANTENNA (BT3700U: AEP, UK)	
506	X-3382-926-1	SCREW ASSY (BS), FITTING (BT3700U: AEP, UK)	
507	3-349-410-11	BUSHING (BT3700U: AEP, UK/BT3750U)	
508	X-3381-154-1	SCREW ASSY (BS4), FITTING (BT3750U)	
509	3-934-325-01	SCREW, +K (5X8) TAPPING (BT3700U: US, CND/BT3750U)	



REVISION HISTORY

Checking the version allows you to jump to the revised page.
Also, clicking the version at the top of the revised page allows you to jump to the next revised page.

Ver.	Date	Description of Revision
1.0	2008.12	New