

# CDX-GT650UI/GT700UI/ GT707UI

## SERVICE MANUAL

Ver. 1.0 2010.08

*US Model*  
*Canadian Model*  
*AEP Model*  
*UK Model*  
CDX-GT650UI  
*E Model*  
CDX-GT700UI  
*Indian Model*  
CDX-GT707UI



Photo: CDX-GT650UI: US, Canadian model

- The tuner and CD sections have no adjustments.

### AUDIO POWER SPECIFICATIONS (US model)

CEA2006 Standard  
Power Output: 17 Watts RMS × 4 at  
4 Ohms <1 % THD + N  
SN Ratio: 80 dBA  
(reference: 1 Watt into 4 Ohms)

Model Name Using Similar Mechanism	CDX-GT55UIW/GT550UI/ GT600UI
CD Drive Mechanism Type	MG-101P-188
Optical Pick-up Name	DAX-25A

### SPECIFICATIONS

#### Tuner section FM

##### Tuning range:

US, CND model: 87.5 – 107.9 MHz  
AEP, UK, RU, EA model: 87.5 – 108.0 MHz  
E, MX, IND model:  
87.5 – 108.0 MHz (at 50 kHz step)  
87.5 – 108.0 MHz (at 100 kHz step)  
87.5 – 107.9 MHz (at 200 kHz step)

##### FM Tuning step:

E, MX, IND model:  
50 kHz/100 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 (US, CND, E, EA, MX, IND model)

##### Tuning range:

US, CND model: 530 – 1,710 kHz  
EA model: 531 – 1,602 kHz  
E, MX, IND model:  
531 – 1,602 kHz (at 9 kHz step)  
530 – 1,710 kHz (at 10 kHz step)

##### AM Tuning step:

E, MX, IND model:  
9 kHz/10 kHz switchable

##### Antenna (aerial) terminal:

External antenna (aerial) connector

**Intermediate frequency:** 25 kHz

**Sensitivity:** 26 µV

#### MW/LW (AEP, UK, RU model)

##### 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

#### CD Player section

**Signal-to-noise ratio:** 120 dB

**Frequency response:** 10 – 20,000 Hz

**Wow and flutter:** Below measurable limit

– Continued on next page –

US, Canadian, E, Saudi Arabia, Mexican, Indian model

**FM/AM COMPACT DISC PLAYER**

AEP, UK, Russian model

**FM/MW/LW COMPACT DISC PLAYER**

9-889-930-01

2010H04-1

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**Sony Corporation**

Audio&Video Business Group

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**SONY®**

## USB Player section

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

## Power amplifier section

**Outputs:** Speaker outputs  
**Speaker impedance:** 4 – 8 ohms  
**Maximum power output:** 52 W × 4 (at 4 ohms)

## General

### Output:

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 (US, CND model)  
 BUS audio input terminal (US, CND model)  
 AUX input jack (stereo mini jack)  
 USB signal input connector

**Power requirements:** 12 V DC car battery  
 (negative ground (earth))

**Dimensions:** Approx. 178 × 50 × 180 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. 1.3 kg (2 lb. 14 oz.)

### Supplied accessories:

Card remote commander: RM-X151  
 Parts for installation and connections (1 set)

Design and specifications are subject to change without notice.

- Abbreviation

CND : Canadian model  
 RU : Russian model  
 EA : Saudi Arabia model  
 MX : Mexican model  
 IND : Indian model

## 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

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pickup block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

## 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.

## TEST DISCS

Please use the following test discs for the check on the CD section.

YEDS-18 (Part No. 3-702-101-01)  
 PATD-012 (Part No. 4-225-203-01)

## CAUTION

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

If the optical pick-up block is defective, please replace the whole optical pick-up block.

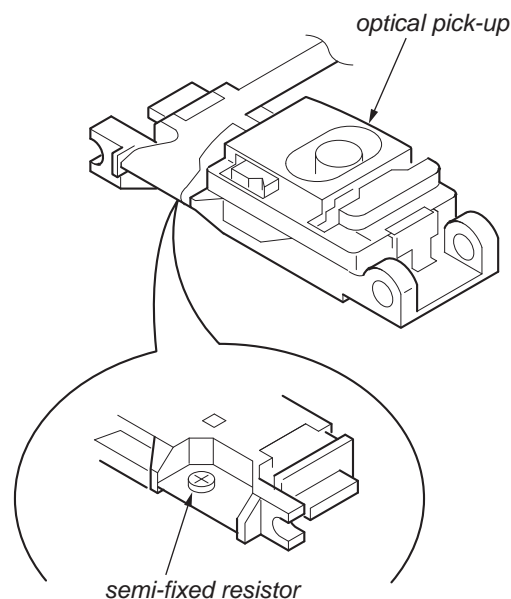
Never turn the semi-fixed resistor located at the side of optical pick-up block.

## SAFETY-RELATED COMPONENT WARNING!

COMPONENTS IDENTIFIED BY MARK  $\triangle$  OR DOTTED LINE WITH MARK  $\triangle$  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  $\triangle$  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.



Except US, Canadian model



This label is located on the bottom of the chassis.

**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.

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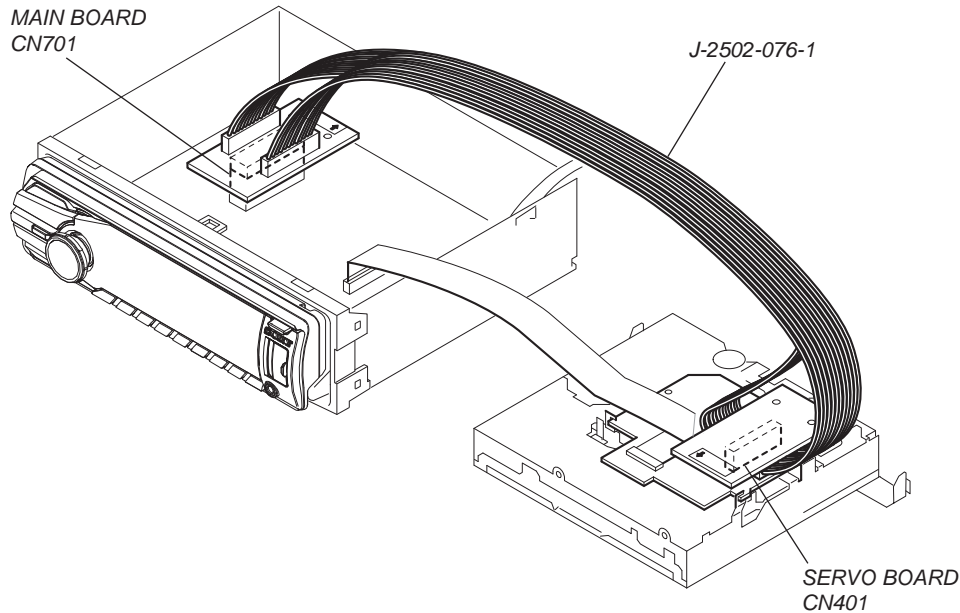
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**SECTION 1  
SERVICE NOTE**

**EXTENSION CABLE AND SERVICE POSITION**

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

- Connect the MAIN board (CN701) and the SERVO board (CN401) with the extension cable (Part No. J-2502-076-1).



**NOTE FOR REPLACEMENT OF THE USB CONNECTOR (CN971)**

To replace the USB connector requires alignment.

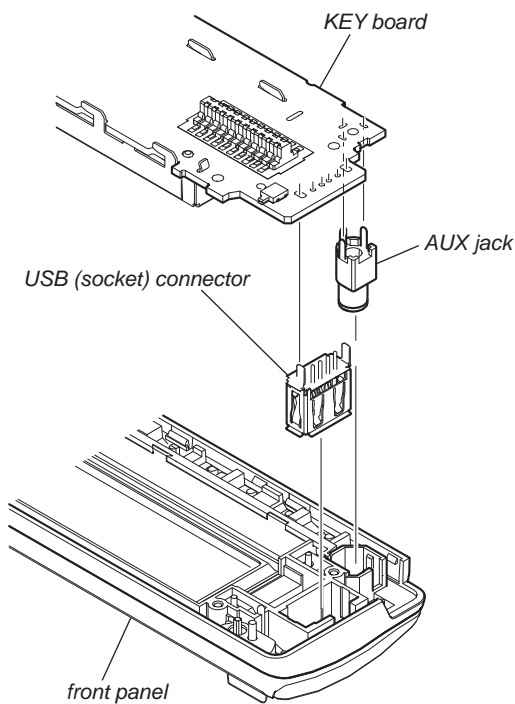
1. Insert the USB connector into the front panel.
2. Place the KEY board on the front panel and align the terminals of the USB connector with the holes in the KEY board.
3. Solder the four terminals of the connector.

**NOTE FOR REPLACEMENT OF THE SERVO BOARD**

When repairing, the complete SERVO board (Part No. A-1768-001-A) should be replaced since any parts in the SERVO board cannot be repaired.

**NOTE FOR THE 20-PIN CONNECTOR (CN901)**

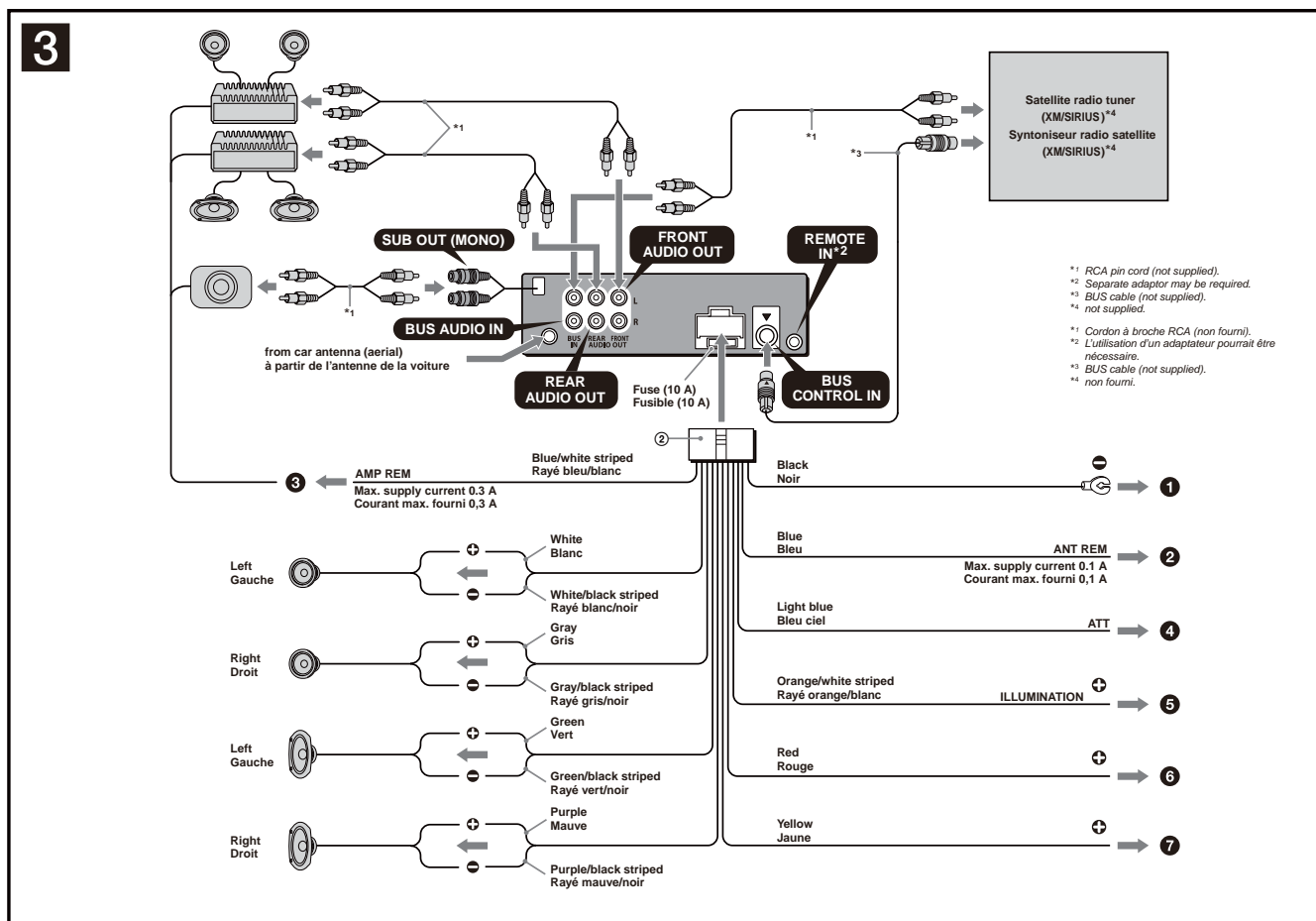
Do not use alcohol to clean the 20-pin connector (CN901) connecting the front panel with the main body. Do not touch the connector directly with your bare hand. Poor contact may be caused.



SECTION 2  
GENERAL

This section is extracted from instruction manual.

- CONNECTIONS
- US, Canadian model



\*1 RCA pin cord (not supplied).  
 \*2 Separate adaptor may be required.  
 \*3 BUS cable (not supplied).  
 \*4 not supplied.  
 \*1 Cordon à broche RCA (non fourni).  
 \*2 L'utilisation d'un adaptateur pourrait être nécessaire.  
 \*3 BUS câble (not supplied).  
 \*4 non fourni.

Connection diagram 3

- To a metal surface of the car**  
First connect the black ground (earth) lead, then connect the yellow and red power supply leads.
- 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."
- To AMP REMOTE IN of an optional power amplifier**  
This connection is only for amplifiers. Connecting any other system may damage the unit.
- To the interface cable of a car telephone**
- To a car's illumination signal**  
Be sure to connect the black ground (earth) lead to a metal surface of the car first.
- 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."
- 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 Lark.
- 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.

Schéma de raccordement 3

- À un point métallique de la voiture**  
Branchez d'abord le câble de mise à la masse noir et, ensuite, les câbles d'alimentation jaune et rouge.
- Au câble de commande d'antenne électrique ou au câble d'alimentation de l'amplificateur d'antenne**  
**Remarques**  
• Il n'est pas nécessaire de raccorder ce câble s'il n'y a pas d'antenne électrique ni d'amplificateur d'antenne, ou avec une antenne télescopique manuelle.  
• Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière latérale, voir « Remarques sur les câbles de commande et d'alimentation ».
- Au niveau de AMP REMOTE IN de l'amplificateur de puissance en option**  
Ce raccordement s'applique uniquement aux amplificateurs. Le branchement de tout autre système risque d'endommager l'appareil.
- Vers le cordon de liaison d'un téléphone de voiture**
- Vers le connecteur du signal d'éclairage de la voiture**  
Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.
- À la borne d'alimentation +12 V qui est alimentée quand la clé de contact est sur la position accessoires**  
**Remarques**  
• S'il n'y a pas de position accessoires, raccordez la borne d'alimentation (+12 V) qui est alimentée en permanence. Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.  
• Si votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière latérale, voir « Remarques sur les câbles de commande et d'alimentation ».
- À la borne d'alimentation +12 V qui est alimentée en permanence**  
Raccordez d'abord le câble de mise à la masse noir à un point métallique du véhicule.

**Remarques sur les câbles de commande et d'alimentation**

- Le câble de commande d'antenne électrique (bleu) fournit une alimentation de +12 V CC lorsque vous mettez la radio sous tension.
- Lorsque votre voiture est équipée d'une antenne FM/AM intégrée dans la vitre arrière latérale, raccordez le câble de commande d'antenne électrique (bleu) ou le câble d'alimentation des accessoires (rouge) à la borne d'alimentation de l'amplificateur d'antenne existant. Pour plus de détails, consultez votre détaillant.
- 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 d'alimentation jaune est raccorder, le circuit de la mémoire est alimenté en permanence même si la clé de contact est sur la position d'arrêt.

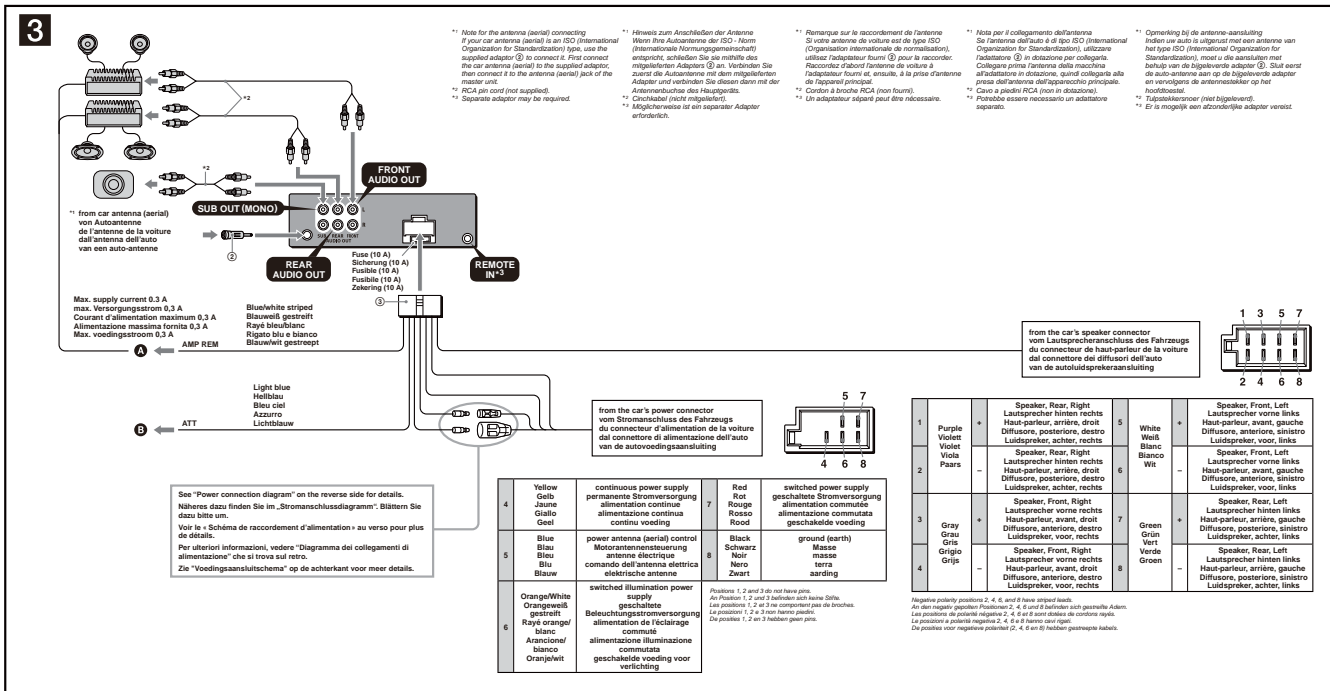
**Remarques sur le raccordement des haut-parleurs**

- Avant de raccorder les haut-parleurs, mettez l'appareil hors tension.
- Utilisez des haut-parleurs ayant une impédance de 4 à 8 ohms avec une capacité électrique adéquate pour éviter 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.
- N'essayez pas de raccorder les haut-parleurs en parallèle.
- Raccordez uniquement des haut-parleurs passifs. Le raccordement de haut-parleurs actifs (avec amplificateurs intégrés) aux bornes des haut-parleurs peut 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 possède 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 le haut-parleur 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 bien raccordés.

# CDX-GT650UI/GT700UI/GT707UI

## • CONNECTIONS • AEP, UK, Russian model



### 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 supply 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/AM/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.

### Anschlussdiagramm 3

- A** An AMP REMOTE IN des gesondert erhältlichen Endverstärkers  
Diese Anschlüsse sind ausschließlich für Verstärker gedacht. Schließen Sie nichts anderes daran. 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 Stromversorgungs-kabel (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 (Alternfrequenzsuche) oder die TA-Funktion (Verkehrsdurchsagen) aktivieren.
- Wenn das Fahrzeug mit einer im Heck-/Scheitelfensterfläche integrierten FM (KW)/AM/LW-Antenne ausgestattet ist, schließen Sie die Motorantennen-Steuerleitung (blau) oder die Zubehörstromversorgungsleitung (rot) an den Stromversorgungsanschluss des vorhandenen Antennenverstärkers an. Näheres dazu erfahren Sie bei Ihrem Händler.
- Es kann nur eine Motorantenne mit Relaiskästchen angeschlossen werden.

**Stromversorgung des Speicher**

Wenn die gelbe Stromversorgungsleitung angeschlossen ist, wird der Speicher stets (auch bei ausgeschalteter Zündung) mit Strom versorgt. Power handling capacities to avoid its damage.

**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 Lautspechters.
- 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. Wenn Sie in diesem Fall, dass Lautsprecher und Verstärker richtig angeschlossen sind.

### Schémas de raccordement 3

- A** Au niveau du AMP REMOTE IN d'un amplificateur de puissance facultatif  
Ces raccordements sont exclusivement réservés aux amplificateurs. Ne raccordez 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 ce 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 d'antenne électrique (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/AM (GOLV) (PO) intégrée dans la vitre arrière latérale, raccordez le câble de commande d'antenne électrique (bleu) ou le câble d'alimentation des accessoires (rouge) au boîtier 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 d'alimentation jaune est raccorde, 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.
- Utiliser des haut-parleurs ayant une impédance de 4 à 8 ohms et une capacité adéquate sous peine de les endommager.
- Ne pas raccorder les bornes du système de haut-parleurs au châssis de la voiture et ne pas connecter les bornes du haut-parleur droit à celles du haut-parleur gauche.
- Ne pas raccorder le câble de mise à la masse de cet appareil à la borne négative (-) du haut-parleur.
- N'a pas tenter 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.
- Par 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-parleur droit et gauche.
- N'accrochez pas entre eux les cordons des haut-parleur de l'appareil.

**Remarque sur le raccordement**

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

### Schema di collegamento 3

- A** A 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 tela.

**Note sul cavo di controllo e di alimentazione**

- Il cavo (blu) di controllo dell'antenna elettrica fornisce alimentazione per la +12 V CC quando si attiva il sintonizzatore oppure la funzione TA (notizie sul traffico) o AF (frequenze alternative).
- Se l'automobile è dotata di antenna FM/AM/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 tela 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'automobile è in accensione o spenta.

**Note sul collegamento dei diffusori**

- Prima di collegare i diffusori 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 dei diffusori destra e quelli dei diffusori sinistra.
- Non collegare il cavo di terra di questo apparecchio al terminale negativo (-) dei diffusori.
- 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 destra e sinistra.
- Non collegare fra loro i cavi dei diffusori dell'apparecchio.

**Note sui collegamenti**

Si l'apparecchio e i diffusori non sono collegati correttamente, "FAILURE" viene visualizzato nel display. In tal caso, accertarsi che l'amplificatore e il diffusore siano collegati correttamente.

### 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 de apparat worden beschadigd.
- B** Naar het interface-snoer van een autotelefoon

### Waarschuwing

Indien u een elektrische antenne hebt zonder relaxkast, kan het aansluiten van dit apparaat met de bijgeleverde voedingskabel (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/AM/LW-antenne in de achterruit, moet u de bedieningskabel voor de elektrische antenne (blauw) of de hulpvoedingkabel (rood) aansluiten op de voedingsgang van de bestaande antenneversterker. Raadpleeg uw dealer voor meer details.
- Met dit apparaat is het niet mogelijk een elektrische antenne zonder relaxkast te gebruiken.

**Instandhouden van het geheugen**

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

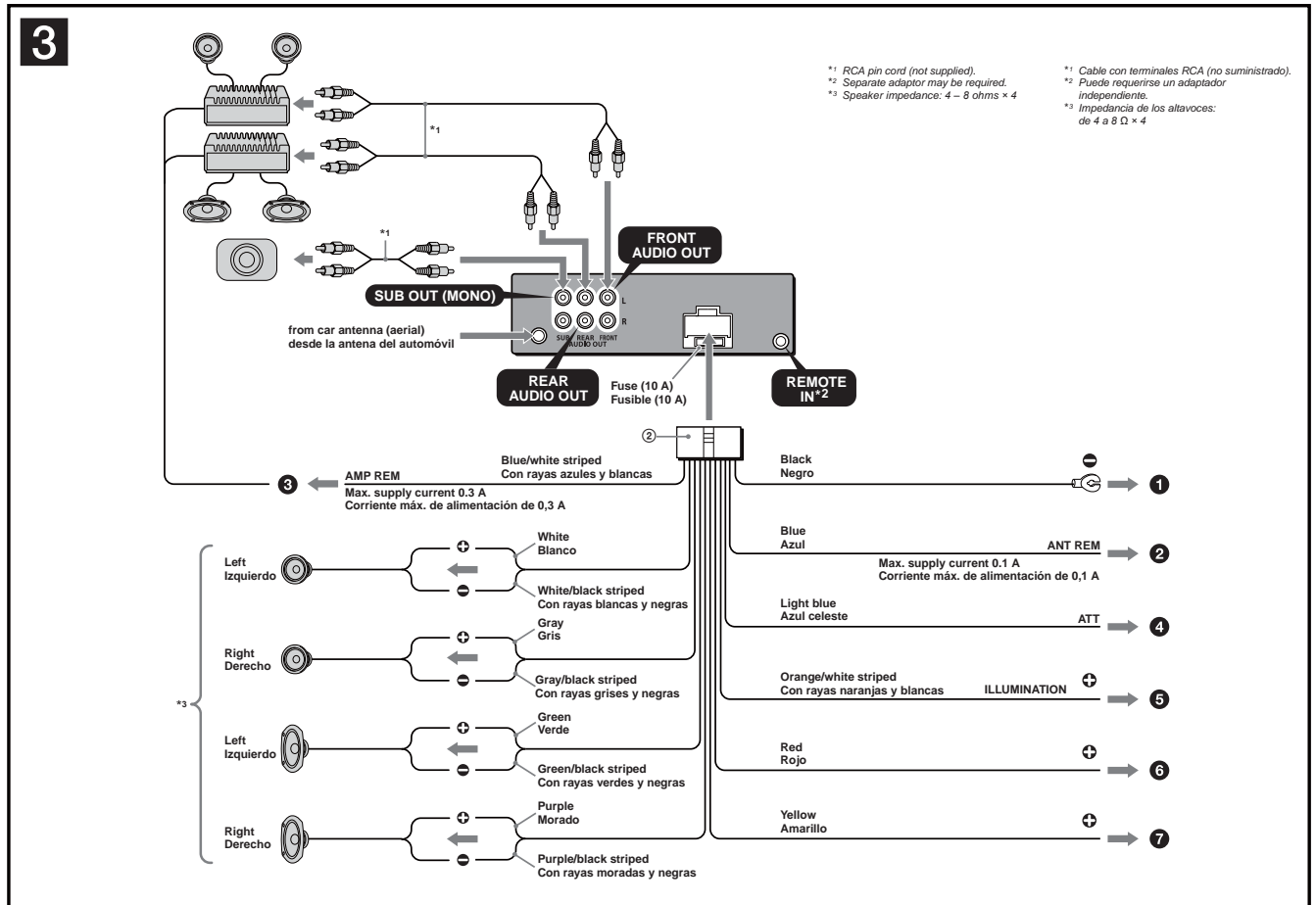
**Opmerkingen betreffende het aansluiten van de luidsprekers**

- 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 weerstaan. 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 de aansluitingen van de rechter- en linkerluidspreker niet op elkaar aan.
- Verbind de aardsnoer 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 luidspreker aansluiting 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 luidsprekerkabelden 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.

- CONNECTIONS
- E, Saudi Arabia, Mexican, Indian model



Connection diagram **3**

- To a metal surface of the car  
First connect the black ground (earth) lead, then connect the yellow, and red power supply leads.
- 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."
- To AMP REMOTE IN of an optional power amplifier  
This connection is only for amplifiers. Connecting any other system may damage the unit.
- To the interface cable of a car telephone
- To a car's illumination signal
- To the +12 V power terminal which is energized in the accessory position of the ignition key 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."
- 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 input 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.

Diagrama de conexión **3**

- A una superficie metálica del automóvil  
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de fuente de alimentación.
- Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena  
**Notes**  
• 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 incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación."
- Al AMP REMOTE IN de un amplificador de potencia opcional  
Esta conexión es sólo para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.
- Al cable de interfaz de un teléfono para automóvil
- A una señal de iluminación del automóvil  
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de encendido  
**Notes**  
• Si no hay posición de accesorio, 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 incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación."
- 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.

**Notes 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 incorporada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de fuente 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 más.

**Conexión para protección de la memoria**

Si conecta el cable de fuente de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.

**Notes sobre la conexión de los altavoces**

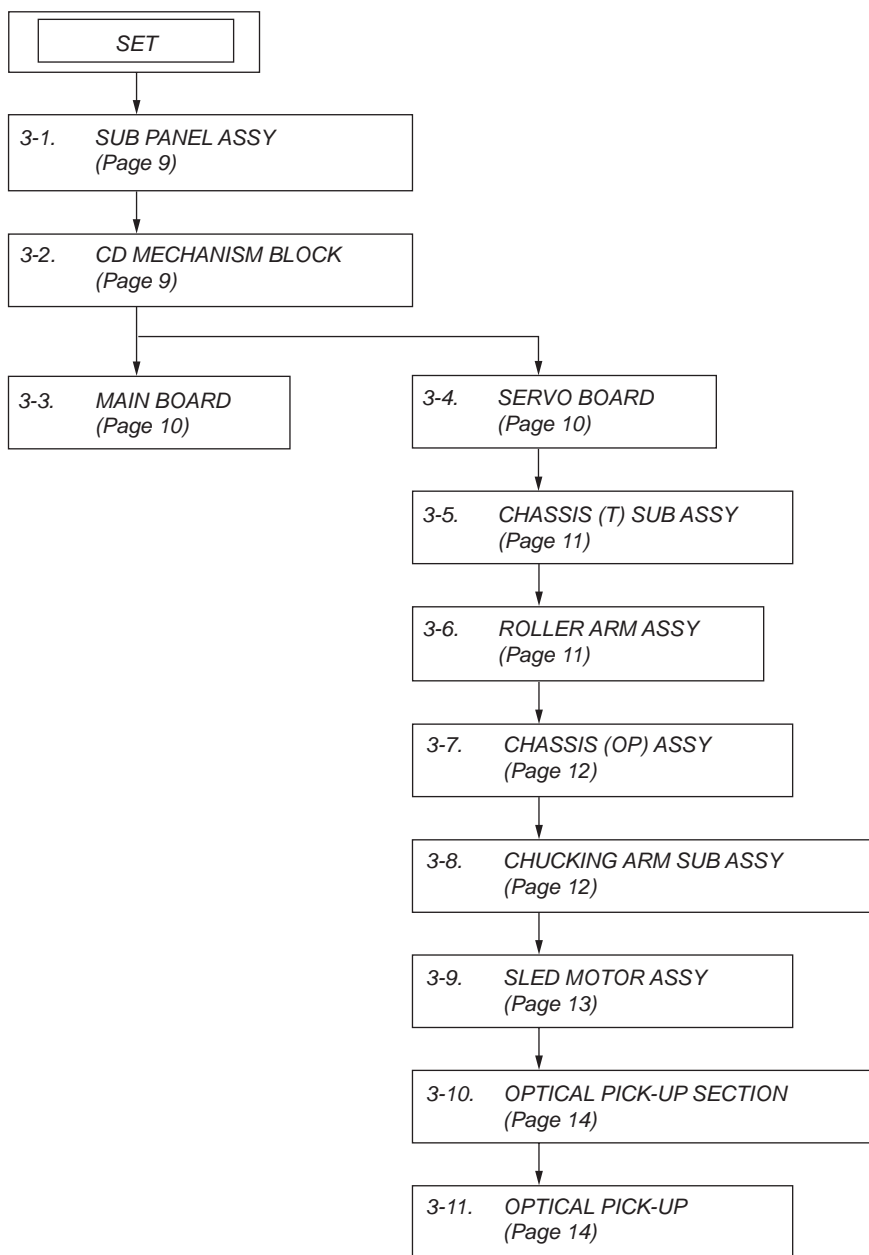
- Antes de conectar los altavoces, desconecte la alimentación de la unidad.
- Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.
- No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con 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 incorporados) a los terminales de altavoz, puede dañar la unidad.
- Para evitar fallas de funcionamiento, no utilice los cables de altavoz incorporados 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.

### SECTION 3 DISASSEMBLY

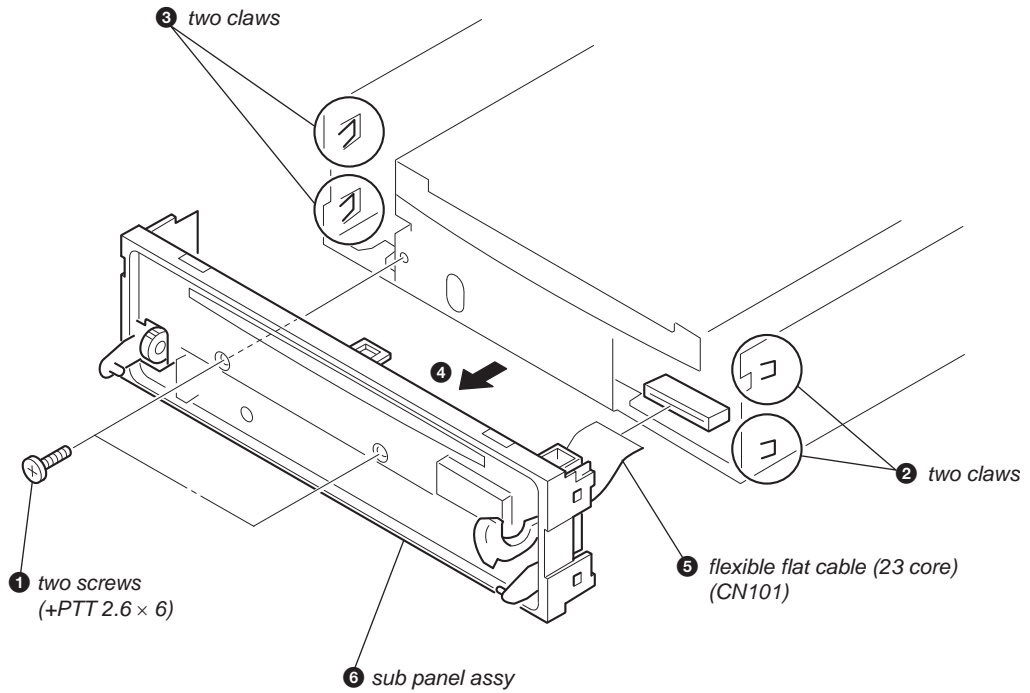
- This set can be disassembled in the order shown below.



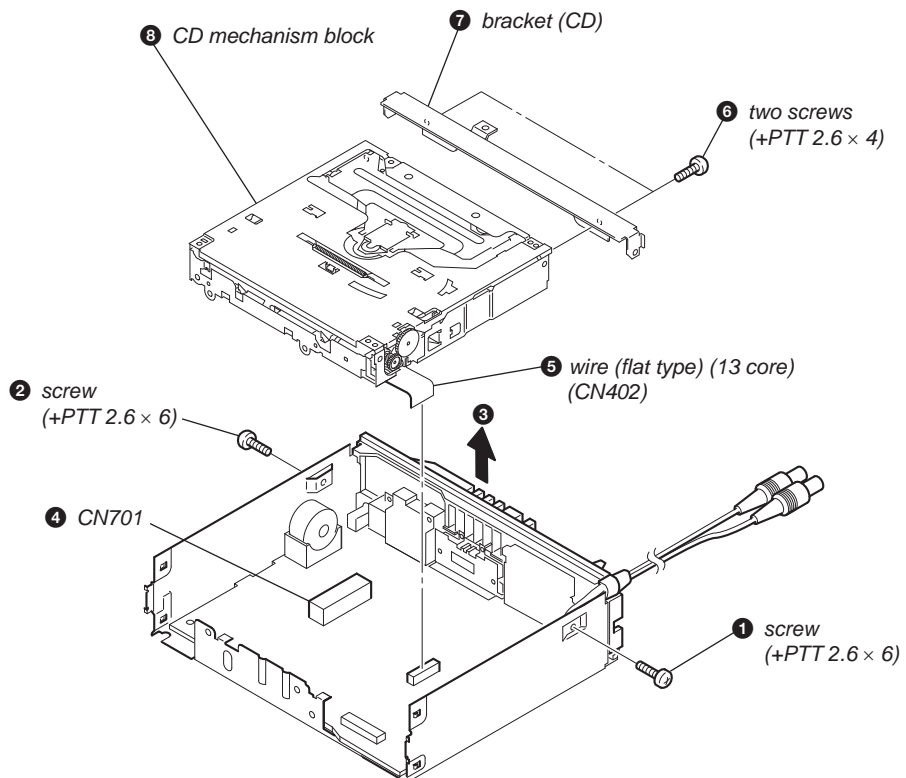


**Note:** Follow the disassembly procedure in the numerical order given.

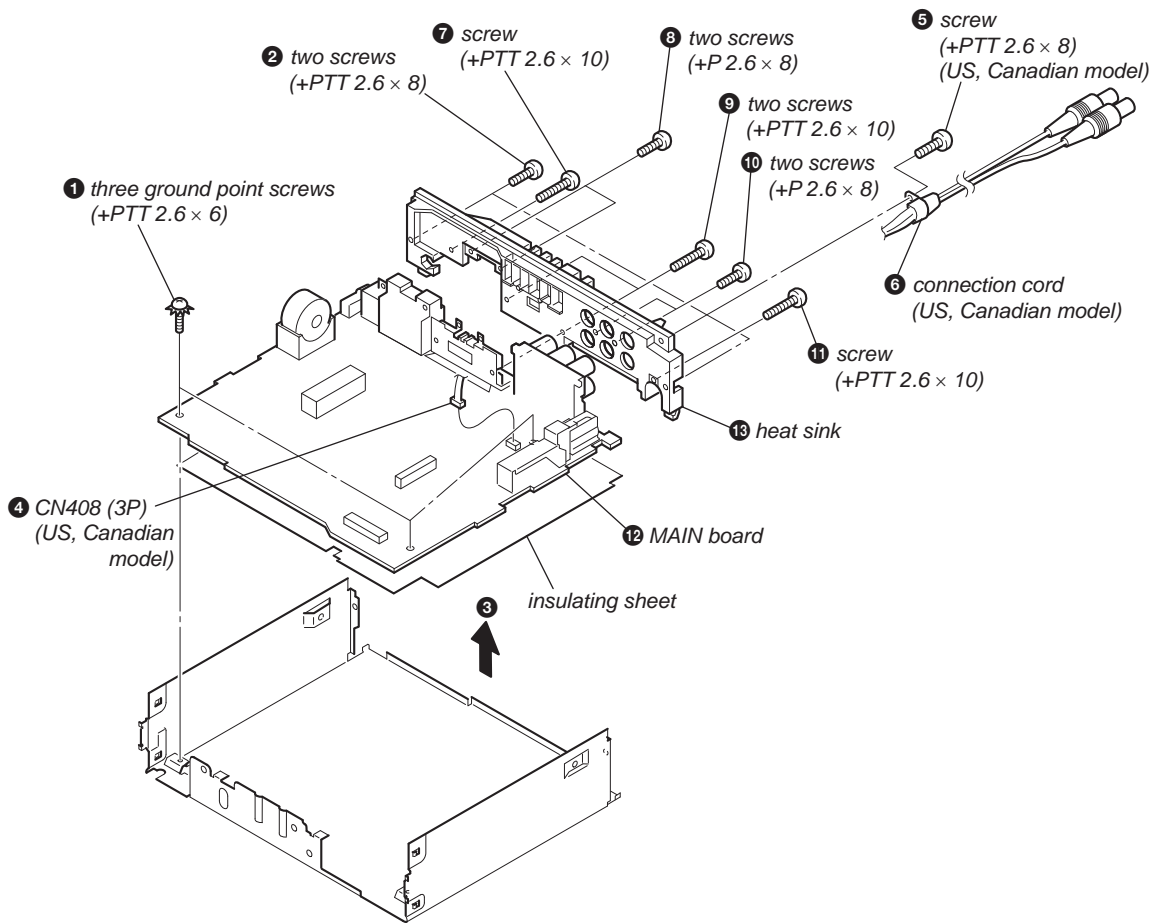
**3-1. SUB PANEL ASSY**



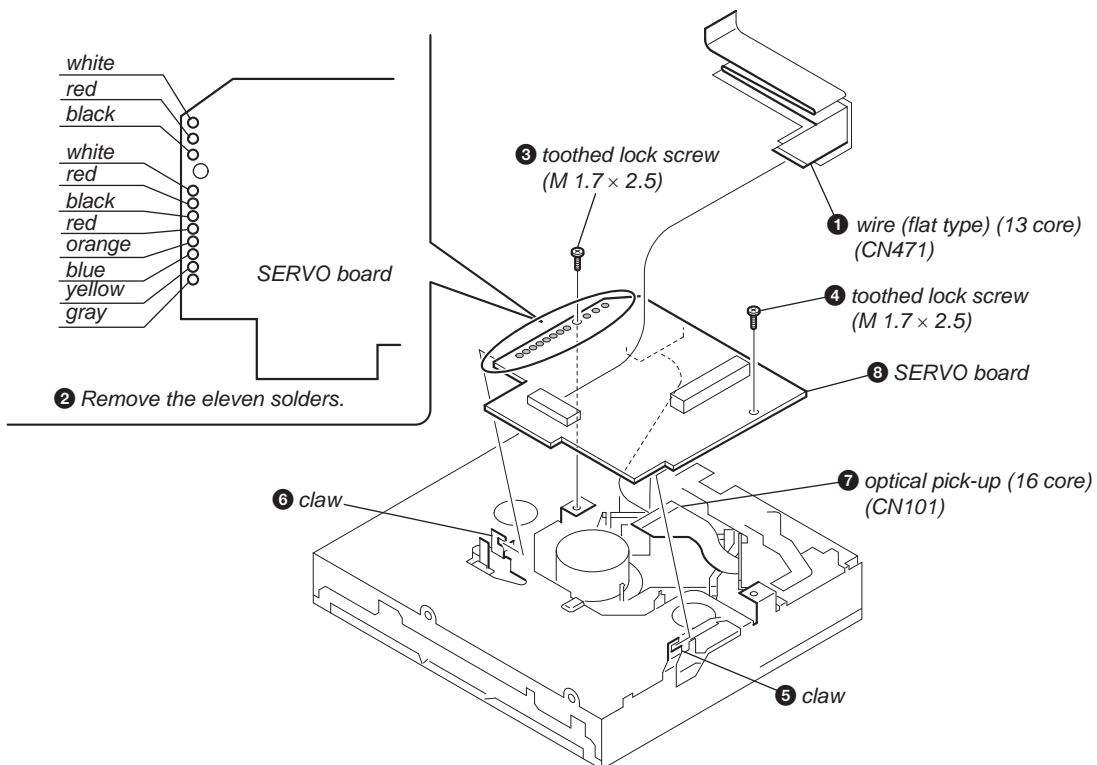
**3-2. CD MECHANISM BLOCK**



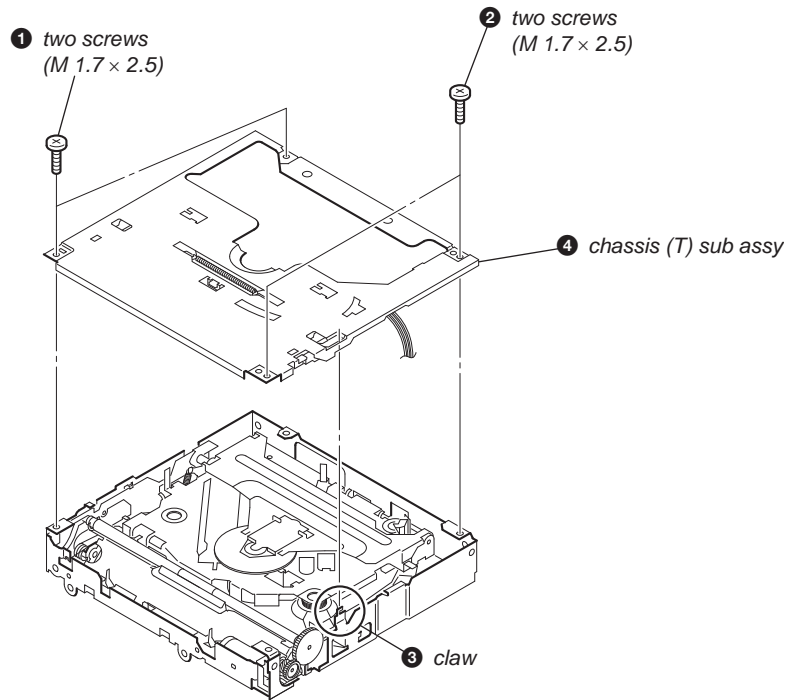
3-3. MAIN BOARD



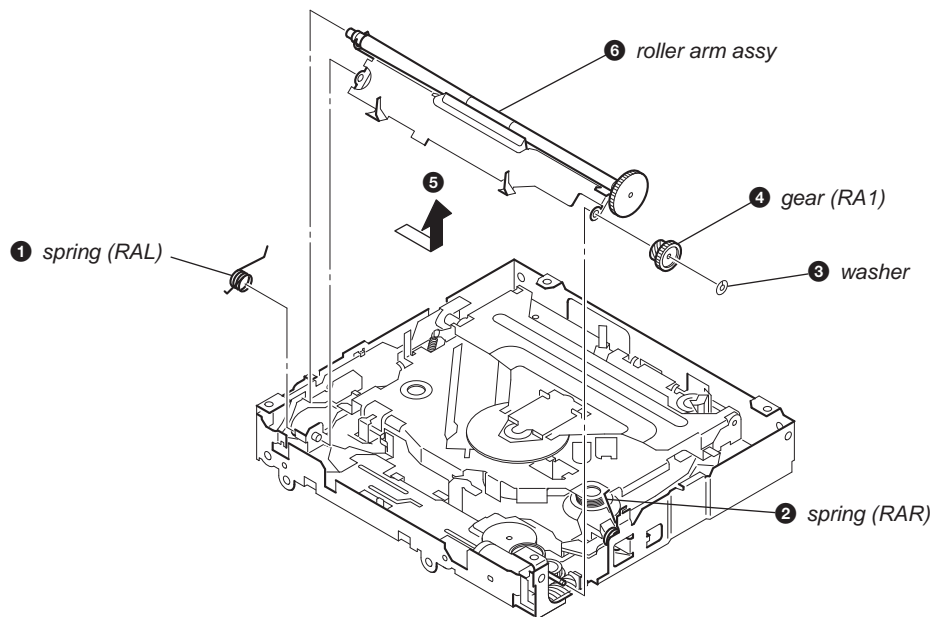
3-4. SERVO BOARD



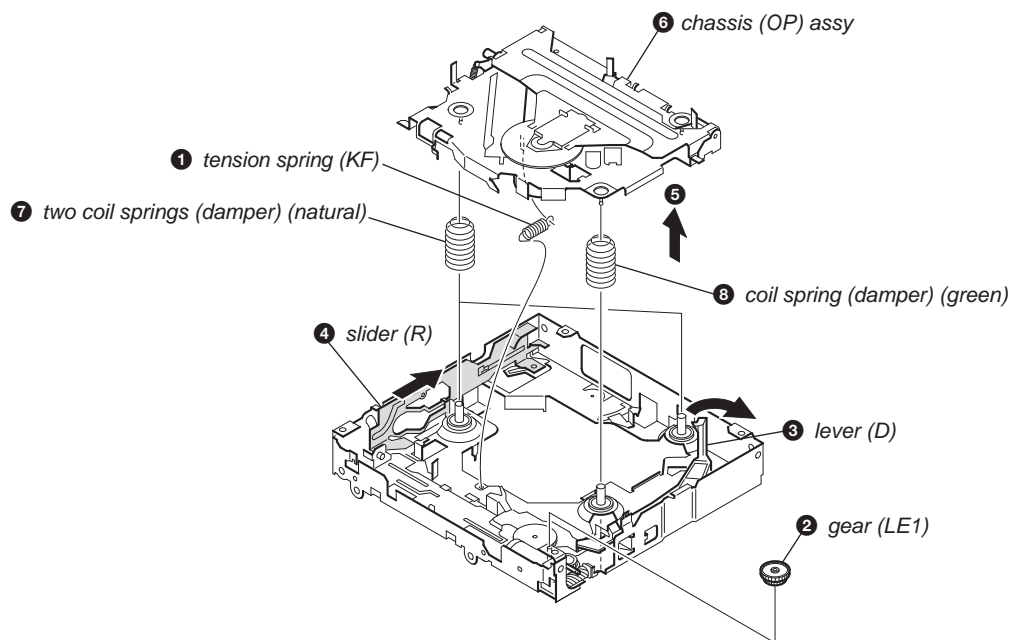
3-5. CHASSIS (T) SUB ASSY



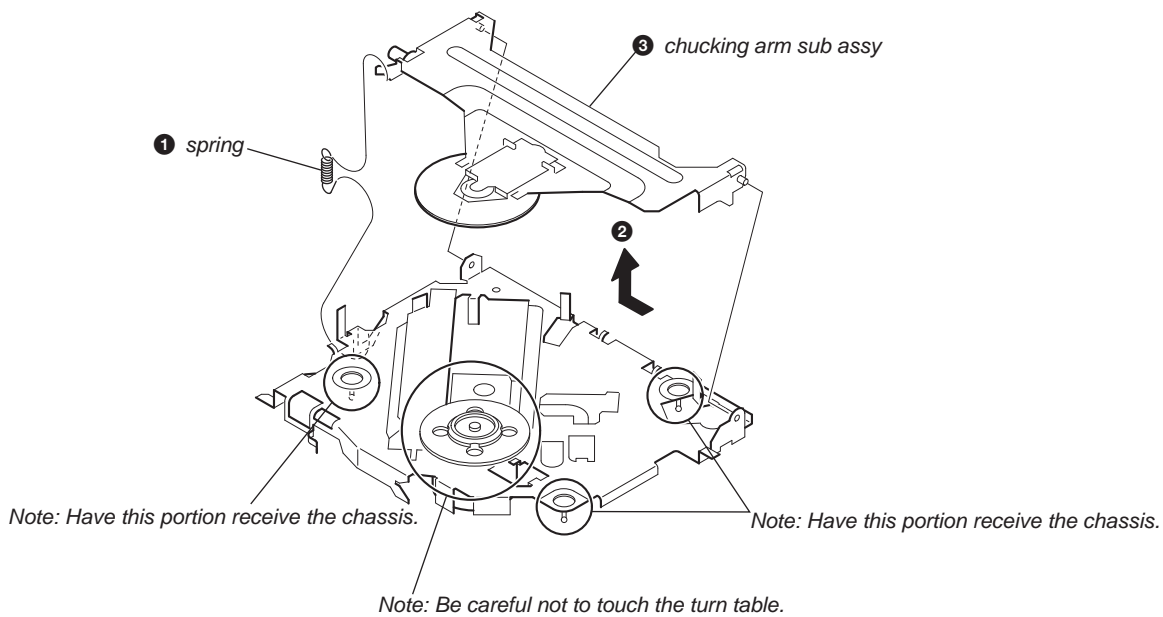
3-6. ROLLER ARM ASSY



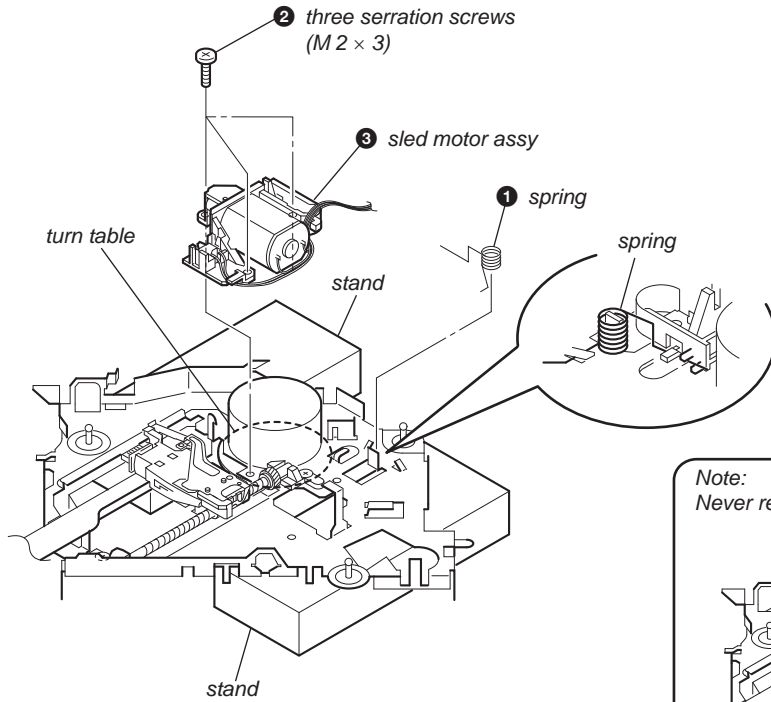
3-7. CHASSIS (OP) ASSY



3-8. CHUCKING ARM SUB ASSY

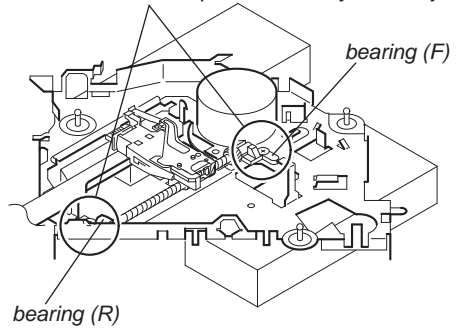


3-9. SLED MOTOR ASSY

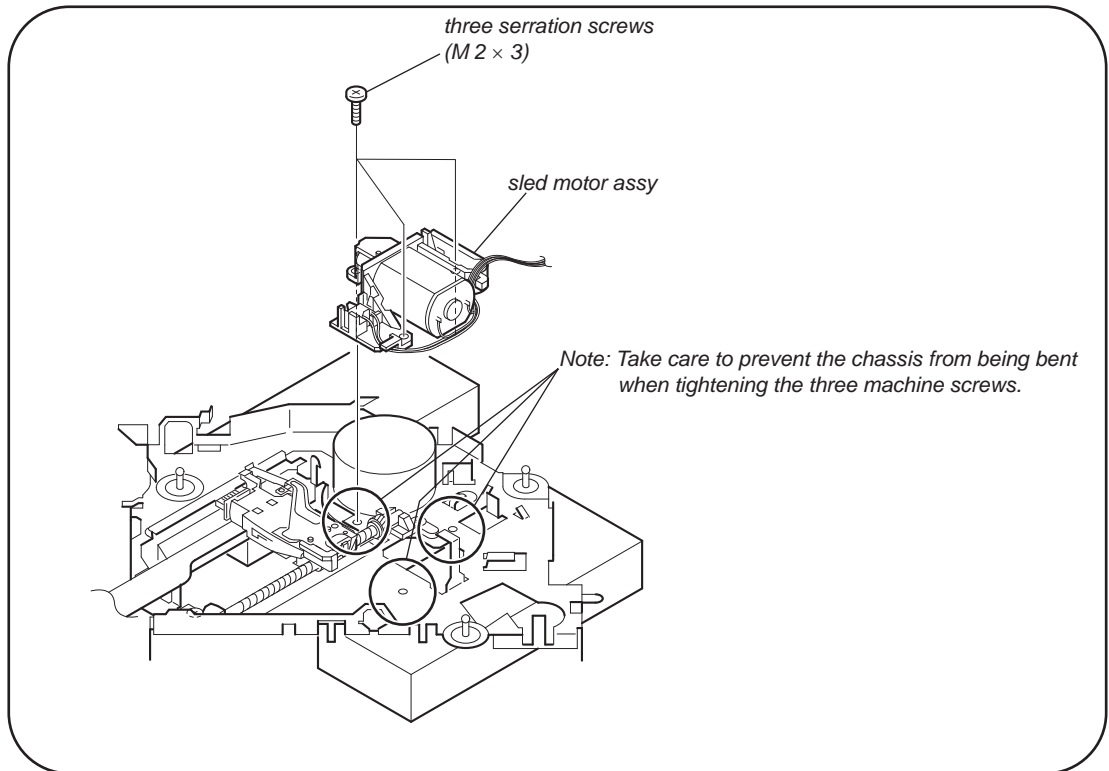


Note: Place the stand with care not to touch the turn table.

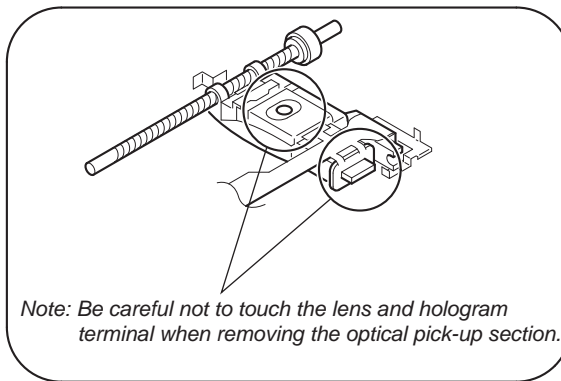
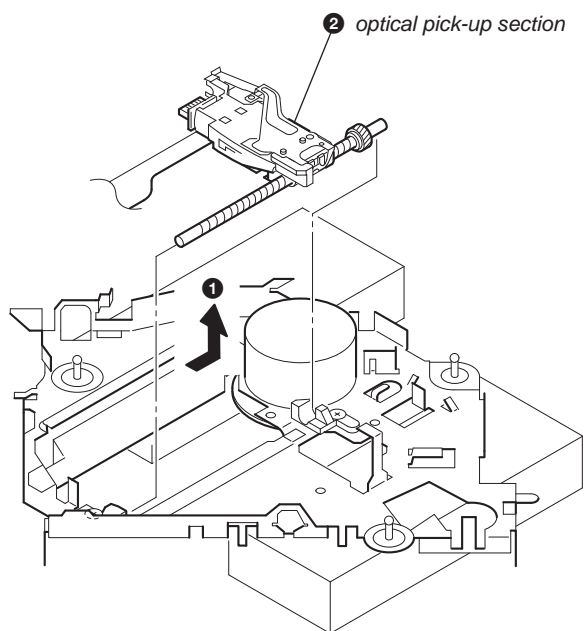
Note:  
Never remove these parts since they were adjusted.



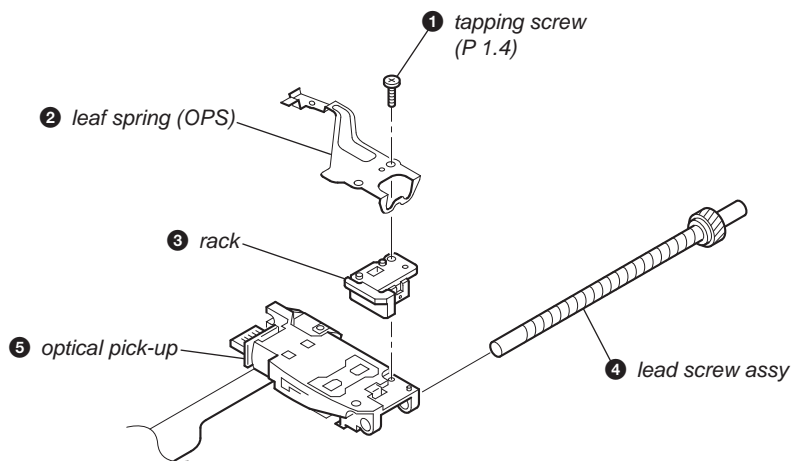
Note for Assembly



3-10. OPTICAL PICK-UP SECTION

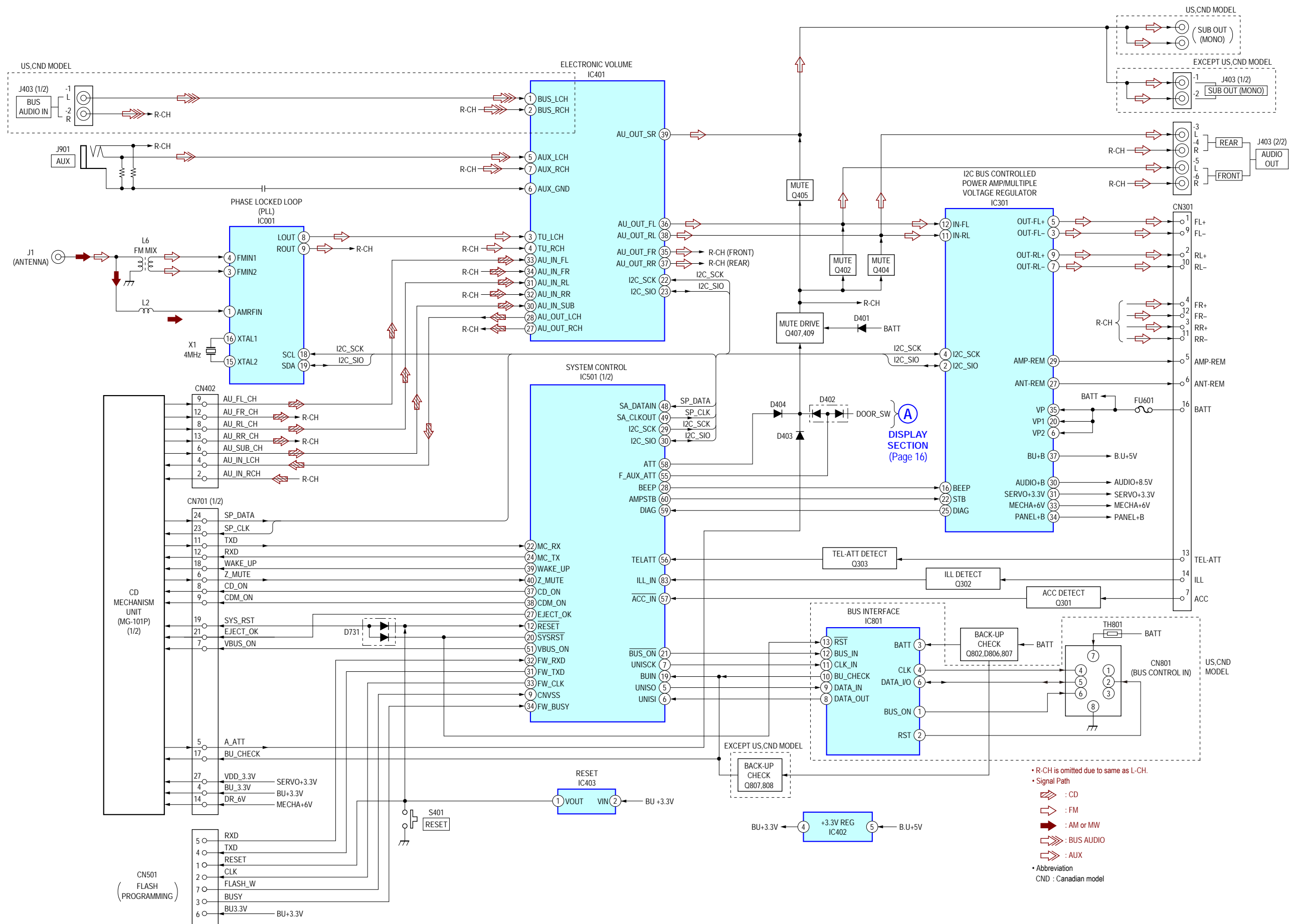


3-11. OPTICAL PICK-UP

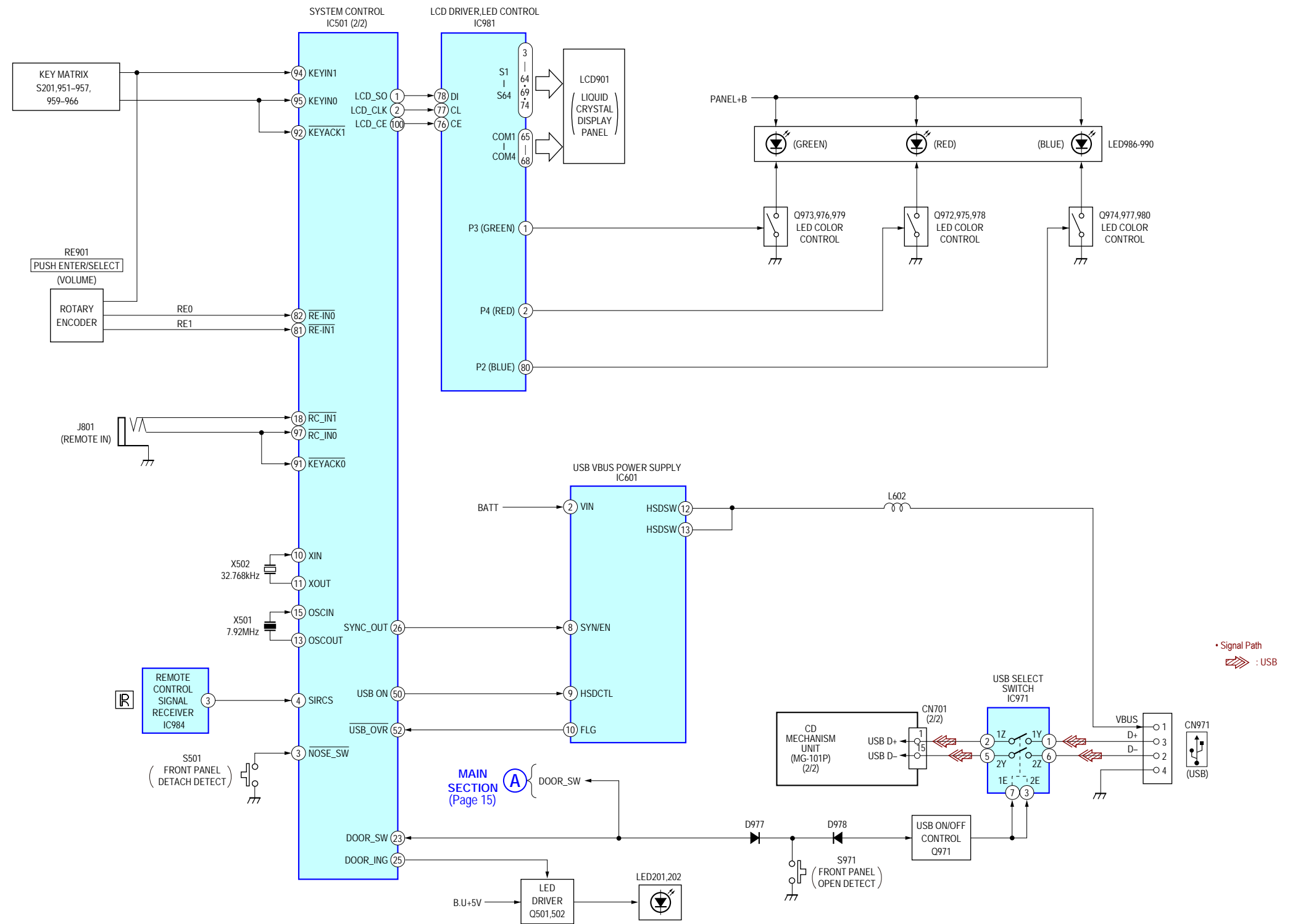


SECTION 4  
DIAGRAMS

4-1. BLOCK DIAGRAM – MAIN Section –



4-2. BLOCK DIAGRAM – DISPLAY 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.
- : Through hole.
- : Pattern from the side which enables seeing. (The other layers' patterns are not indicated.)

**Caution:**

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

• Abbreviation

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

**For Schematic Diagrams.**

**Note:**

- All capacitors are in  $\mu\text{F}$  unless otherwise noted. (p: pF) 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and  $1/4\text{ W}$  or less unless otherwise specified.
- $\Delta$  : Internal component.
- : Panel designation.

**Note:**

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

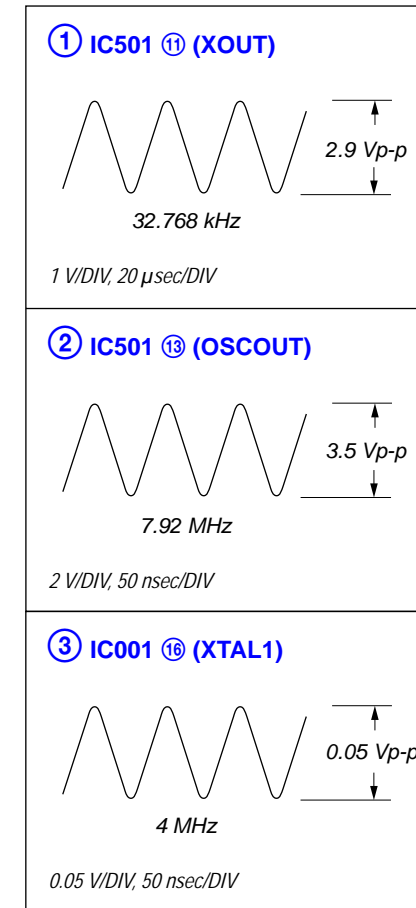
**Note:**

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

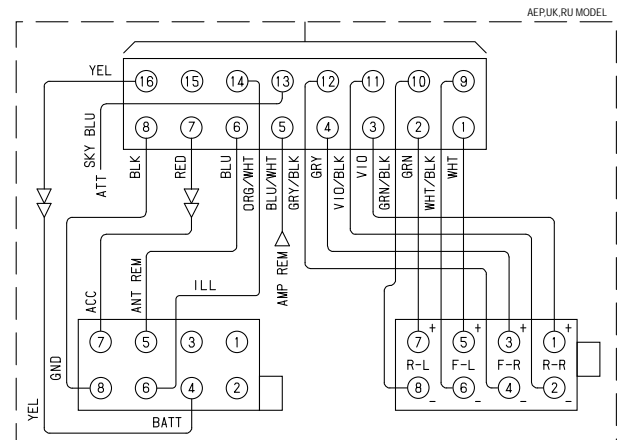
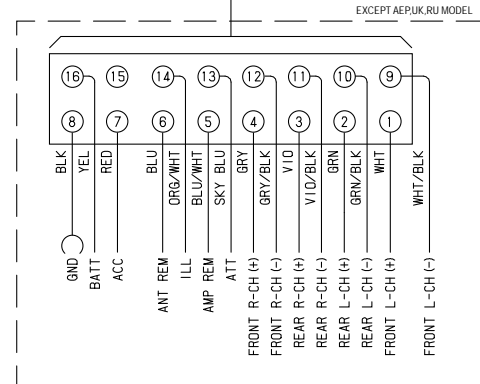
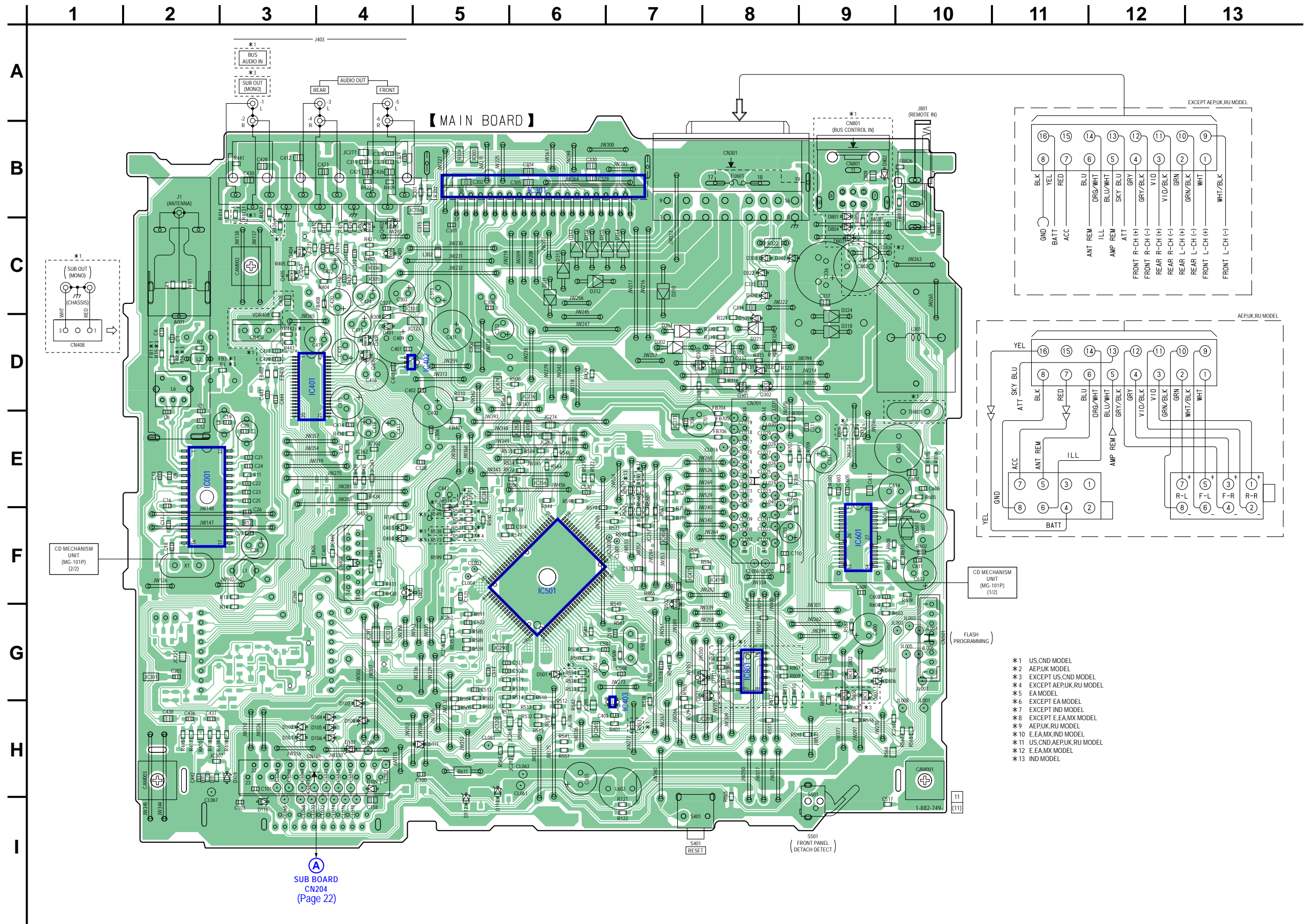
- : B+ Line.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.  
 no mark : FM  
 ( ) : AM or MW  
 < > : CD PLAY  
 \* : Impossible to measure
- Voltages are taken with a VOM (Input impedance 10 M $\Omega$ ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.  
 ⇨ : CD  
 ⇨ : FM  
 ⇨ : AM or MW  
 ⇨ : AUX  
 ⇨ : USB  
 ⇨ : BUS AUDIO
- Abbreviation  
 CND : Canadian model  
 RU : Russian model  
 EA : Saudi Arabia model  
 MX : Mexican model  
 IND : Indian model

• Waveforms

– MAIN Board –

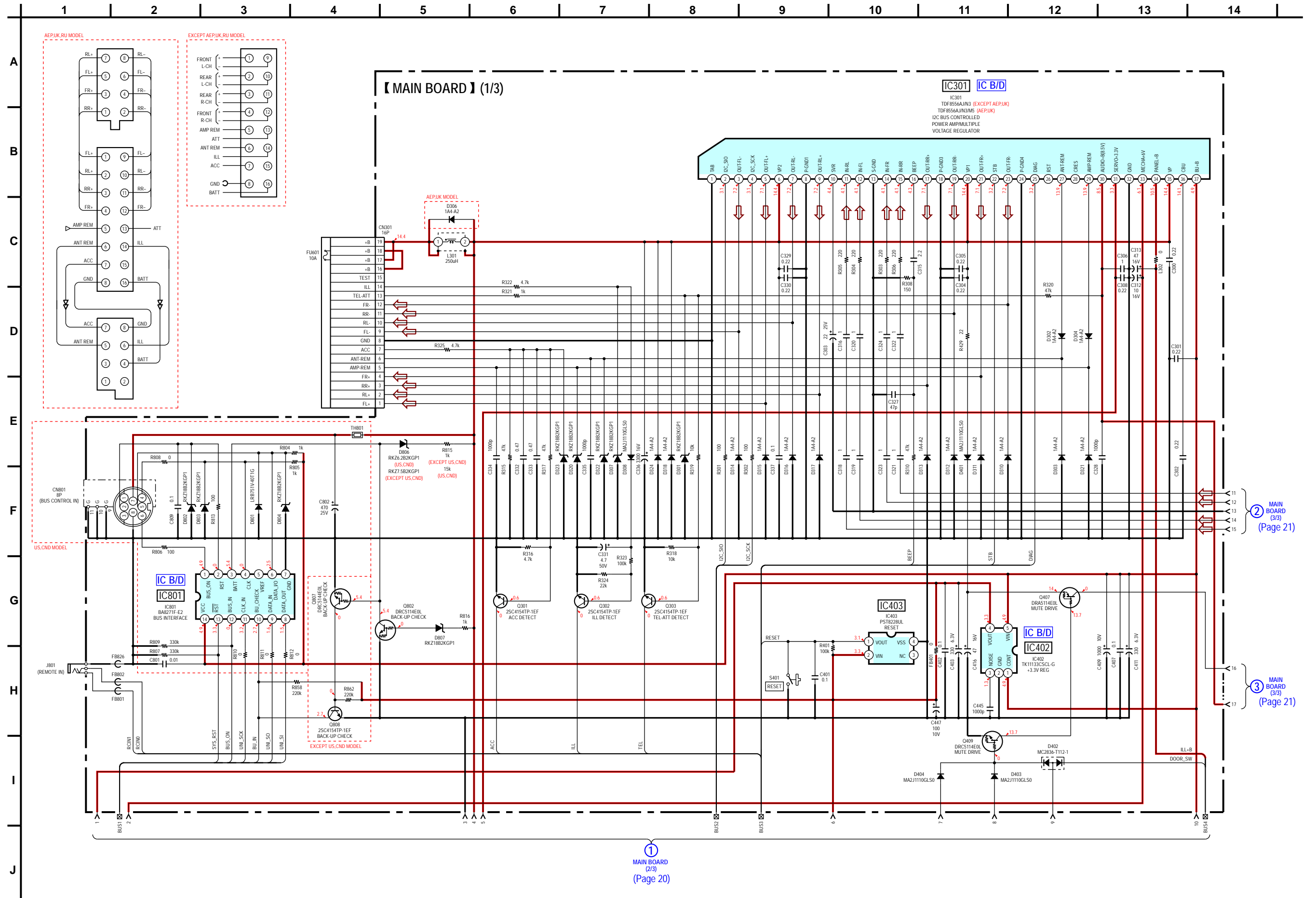


4-3. PRINTED WIRING BOARD – MAIN Section –  : Uses unleaded solder.



- \*1 US,CND MODEL
- \*2 AEPUK MODEL
- \*3 EXCEPT US,CND MODEL
- \*4 EXCEPT AEPUK,RU MODEL
- \*5 EA MODEL
- \*6 EXCEPT EA MODEL
- \*7 EXCEPT IND MODEL
- \*8 EXCEPT E,EA,MX MODEL
- \*9 AEPUK,RU MODEL
- \*10 E,EA,MX,IND MODEL
- \*11 US,CND,AEPUK,RU MODEL
- \*12 E,EA,MX MODEL
- \*13 IND MODEL

4-4. SCHEMATIC DIAGRAM – MAIN Section (1/3) – • See page 26 for IC Block Diagrams.

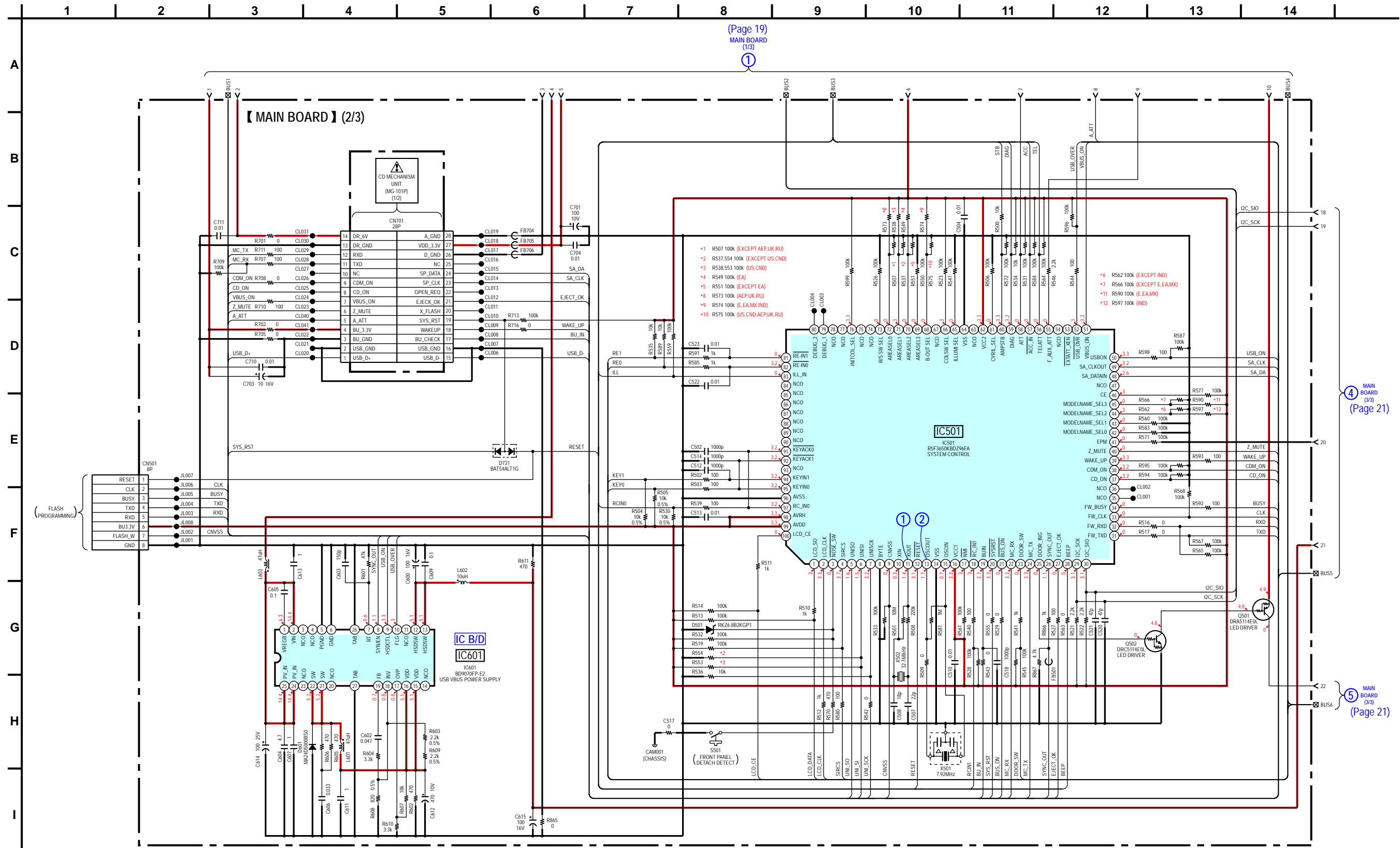


② MAIN BOARD (3/3) (Page 21)

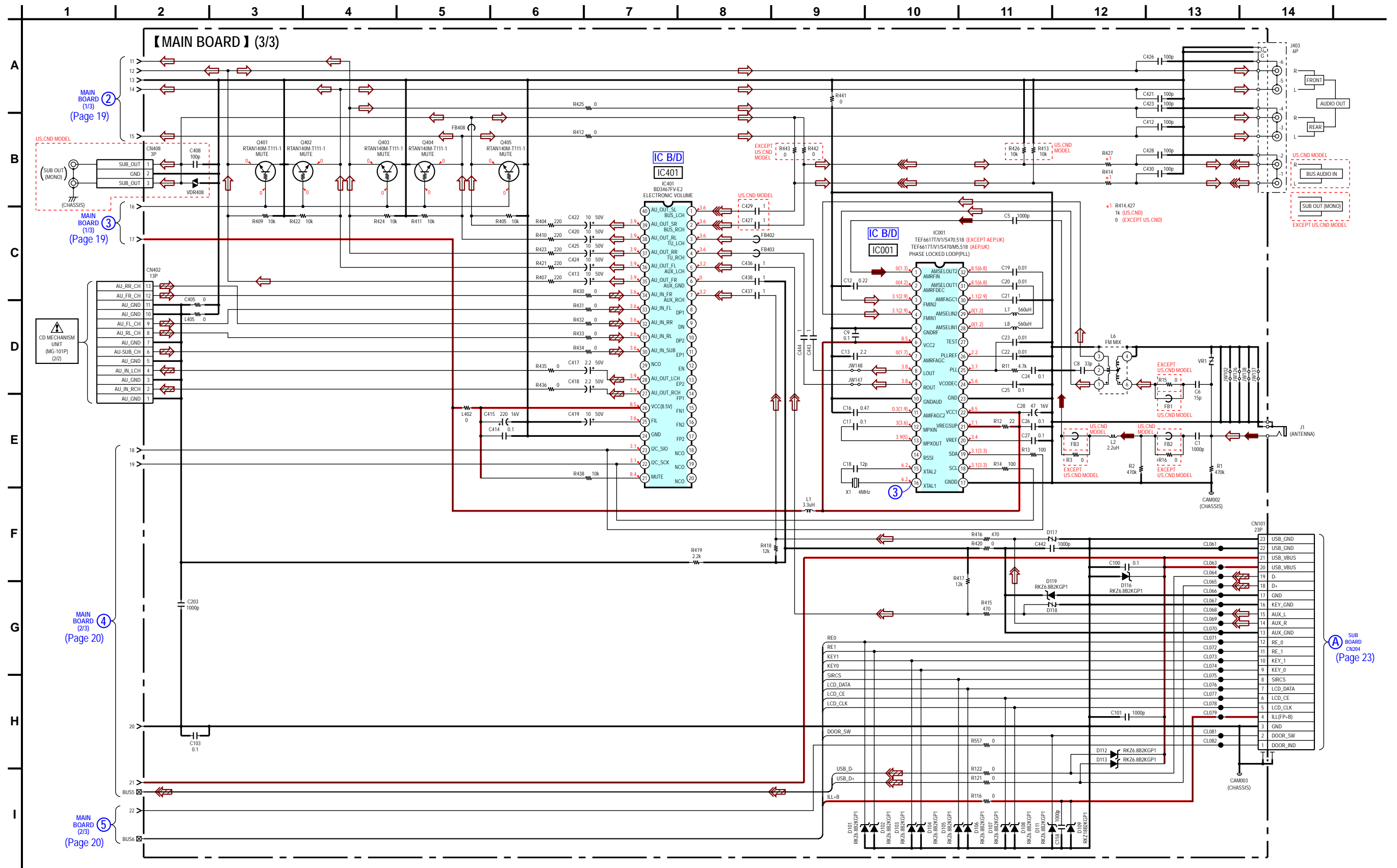
③ MAIN BOARD (3/3) (Page 21)

① MAIN BOARD (2/3) (Page 20)

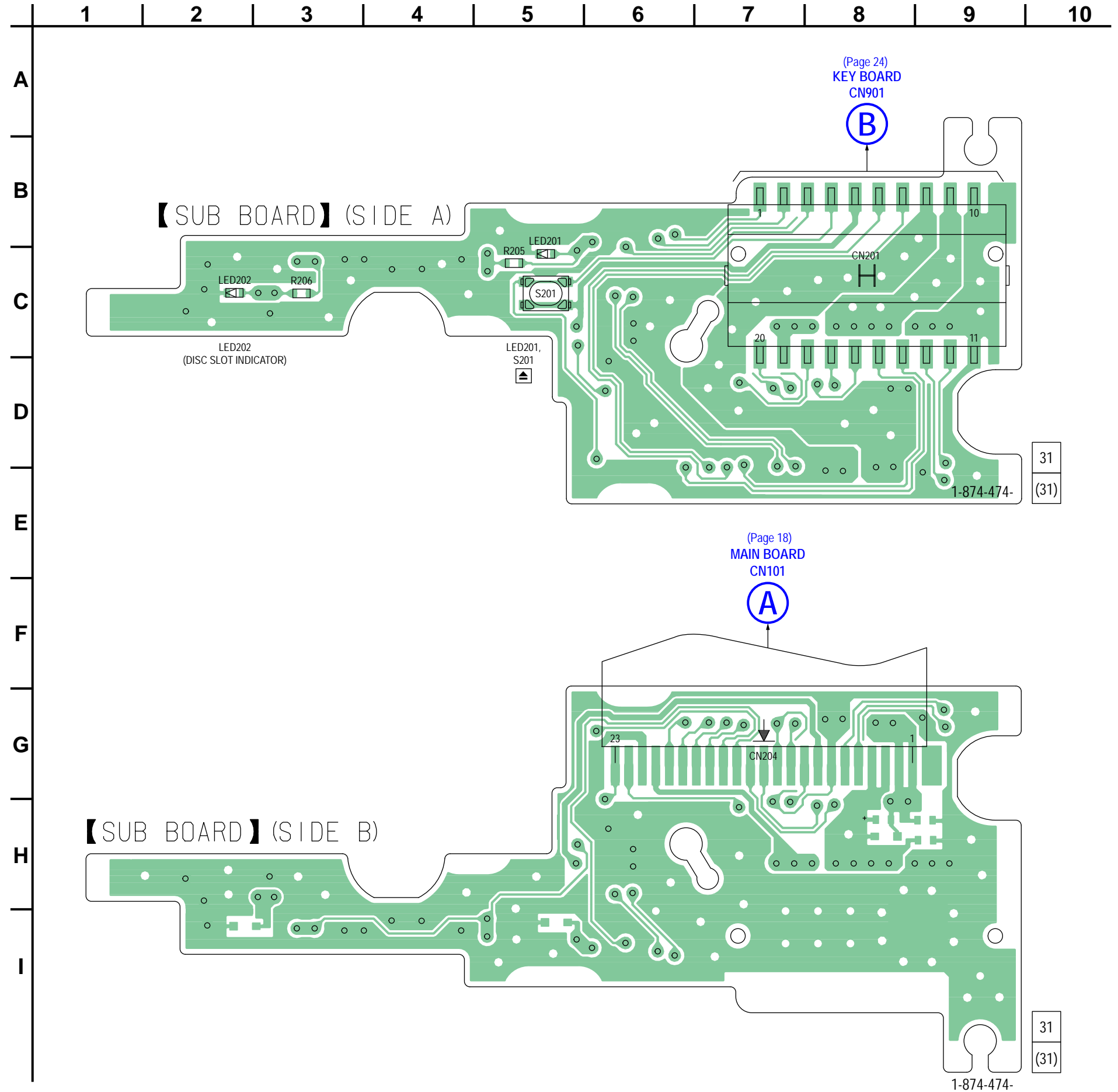
4-5. SCHEMATIC DIAGRAM – MAIN Section (2/3) – • See page 17 for Waveforms. • See page 26 for IC Block Diagrams. • See page 28 for IC Pin Function Description of IC501.



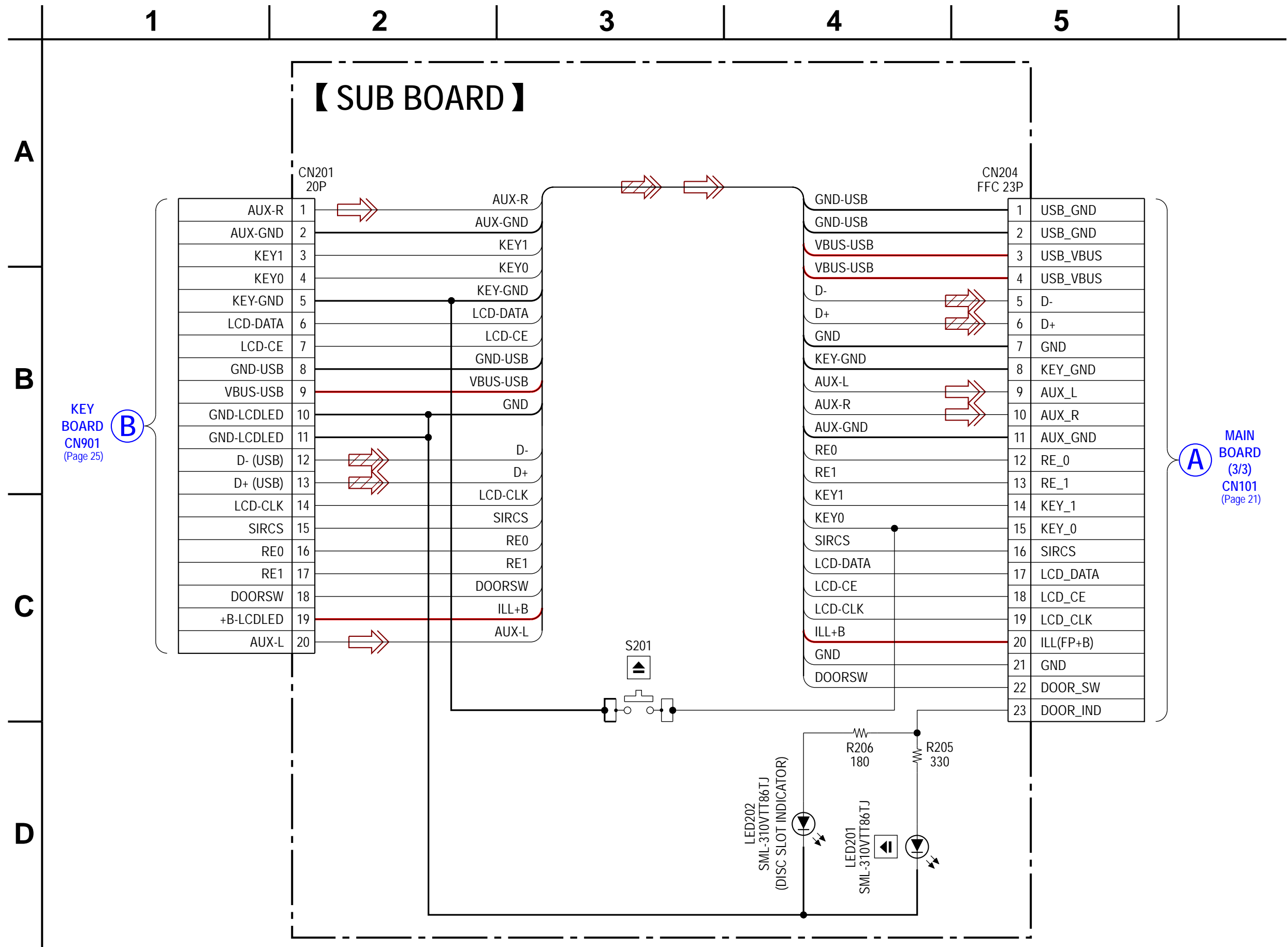
4-6. SCHEMATIC DIAGRAM – MAIN Section (3/3) – See page 17 for Waveforms. See page 26 for IC Block Diagrams.



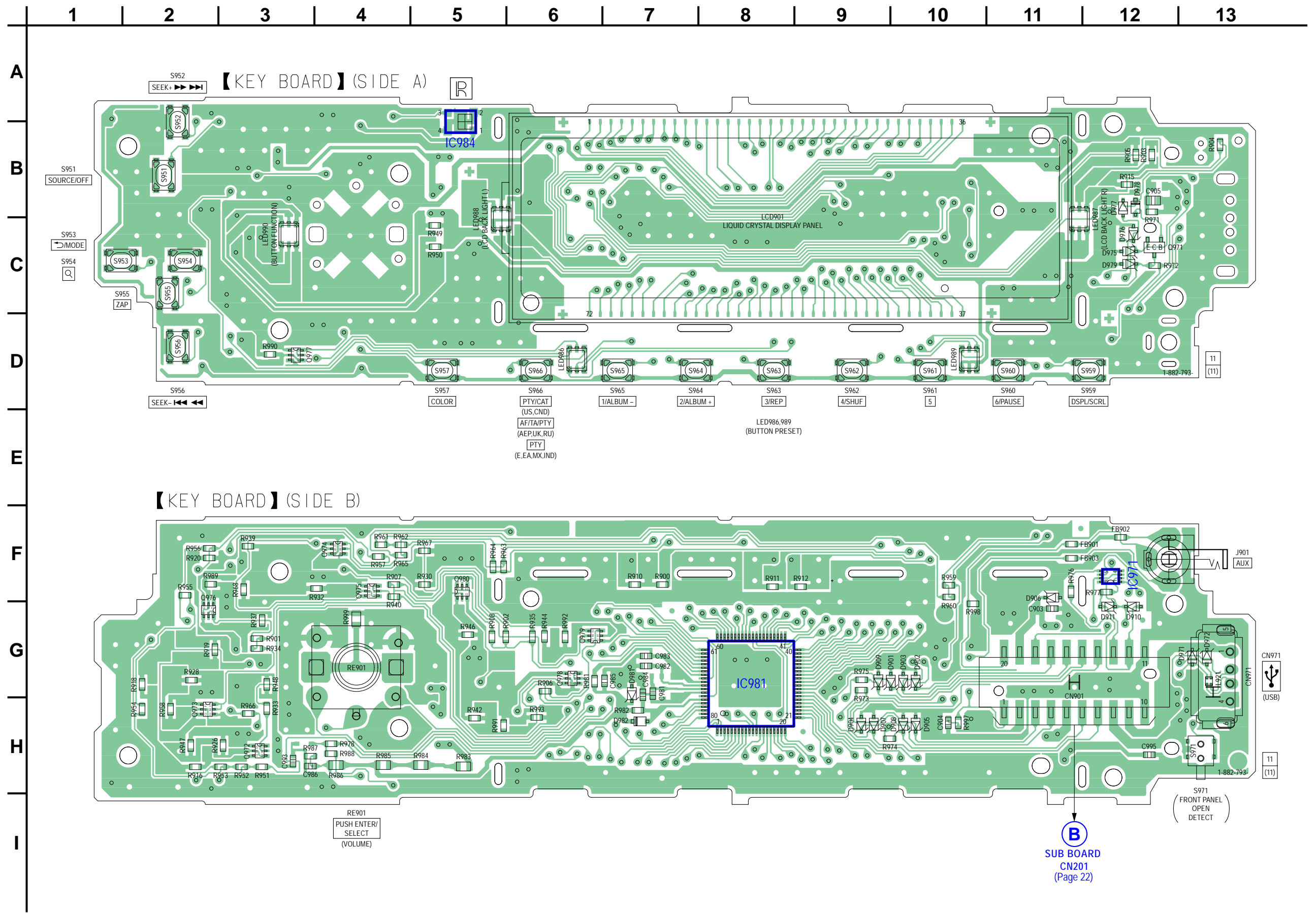
4-7. PRINTED WIRING BOARD - SUB Section - •  : Uses unleaded solder.



4-8. SCHEMATIC DIAGRAM – SUB Section –

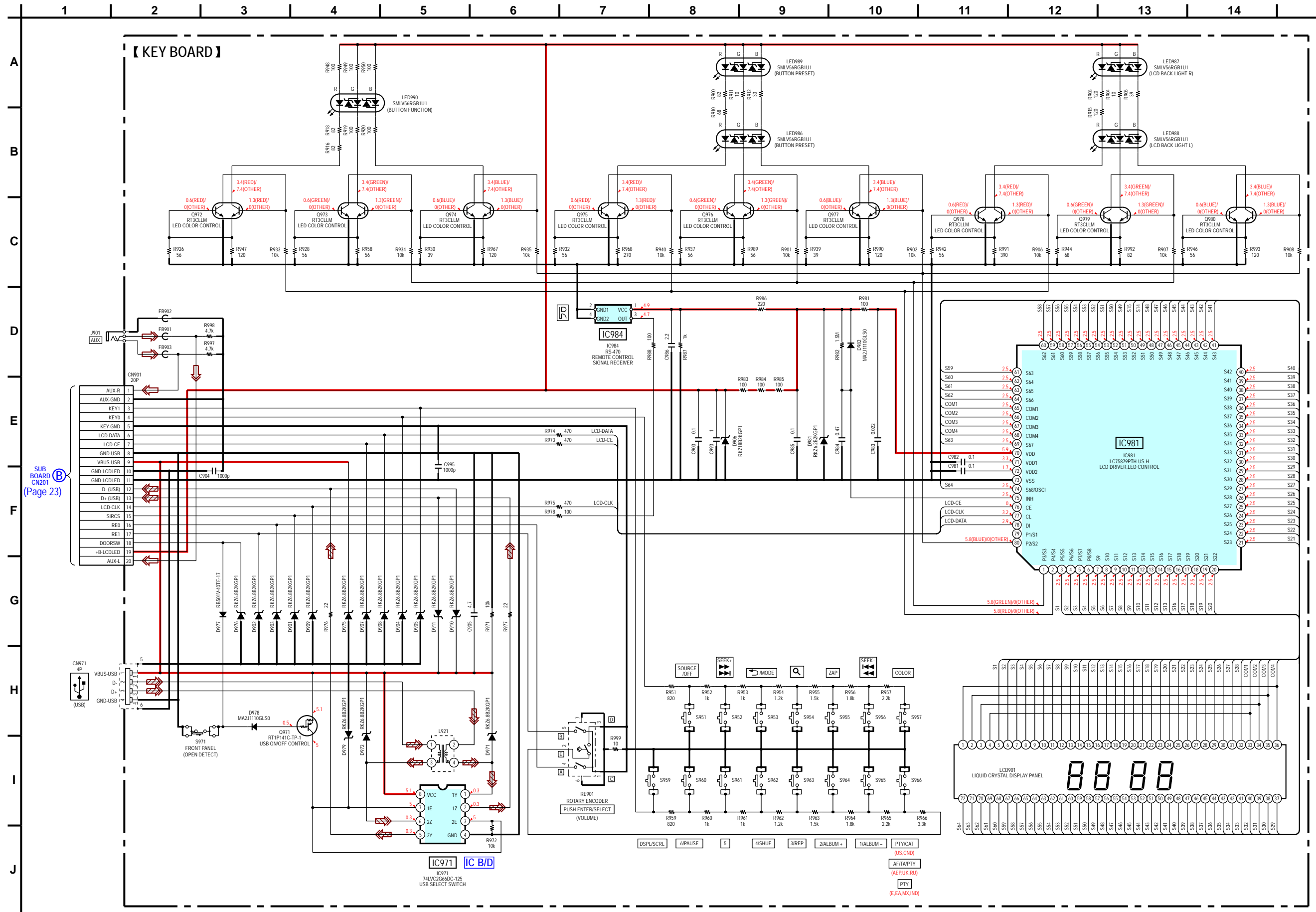


4-9. PRINTED WIRING BOARD – KEY Section – •  : Uses unleaded solder.



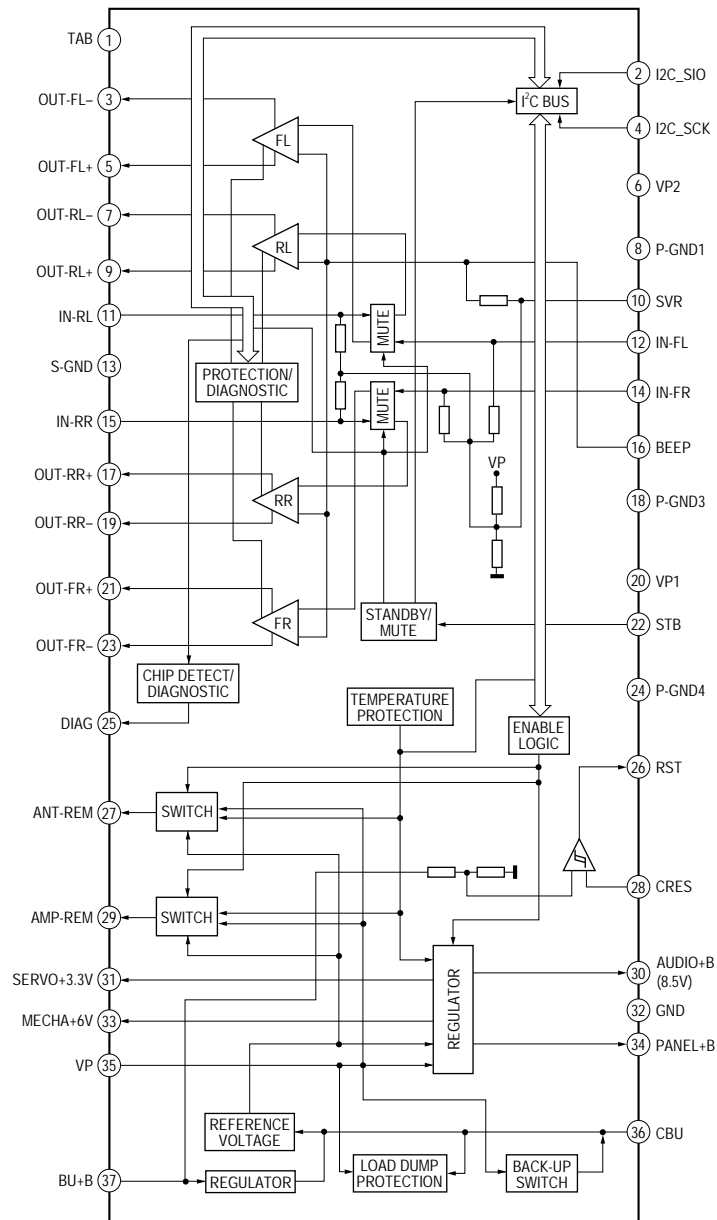


4-10. SCHEMATIC DIAGRAM – KEY Section – • See page 27 for IC Block Diagrams.

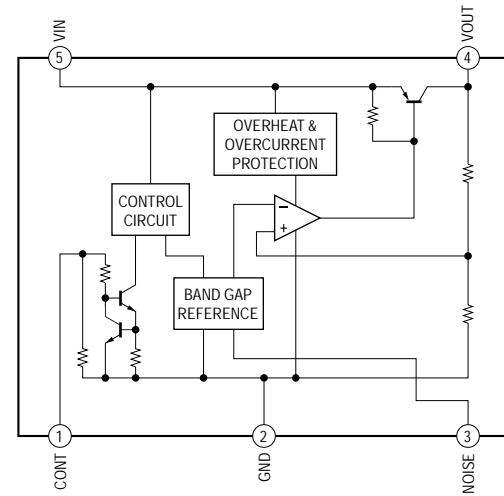


• IC Block Diagrams

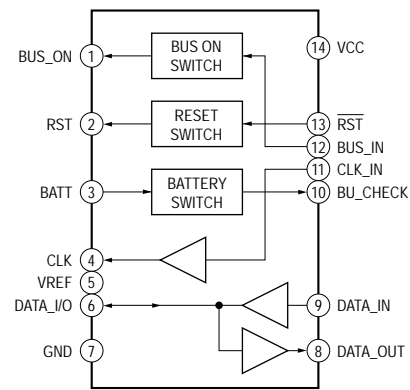
**IC301 TDF8556AJ/N3 (Except AEP, UK model) (MAIN Board (1/3))**  
**IC301 TDF8556AJ/N3/M5 (AEP, UK model) (MAIN Board (1/3))**



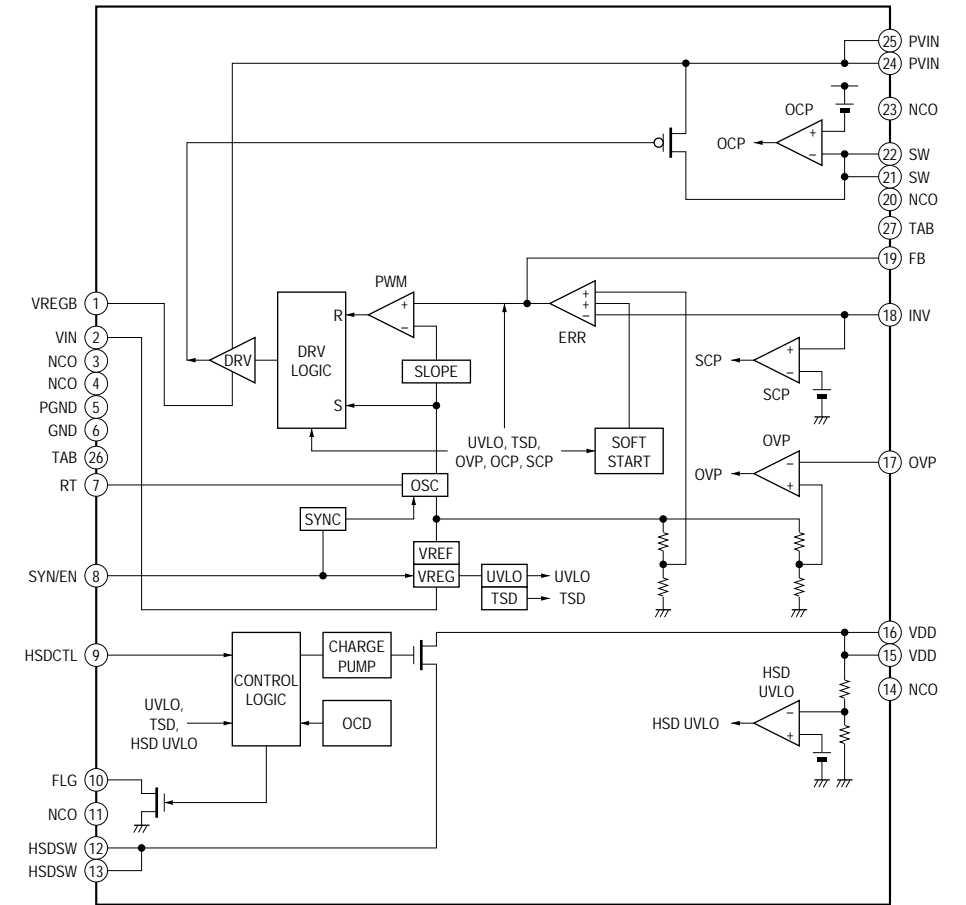
**IC402 TK11133CSCL-G (MAIN Board (1/3))**



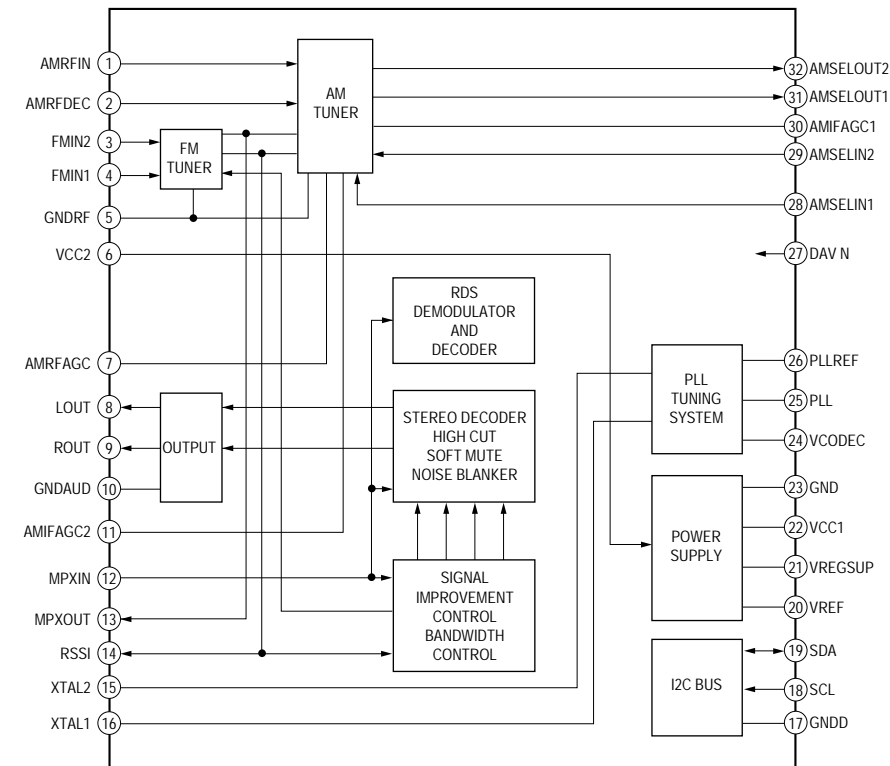
**IC801 BA8271F-E2 (US, Canadian model) (MAIN Board (1/3))**



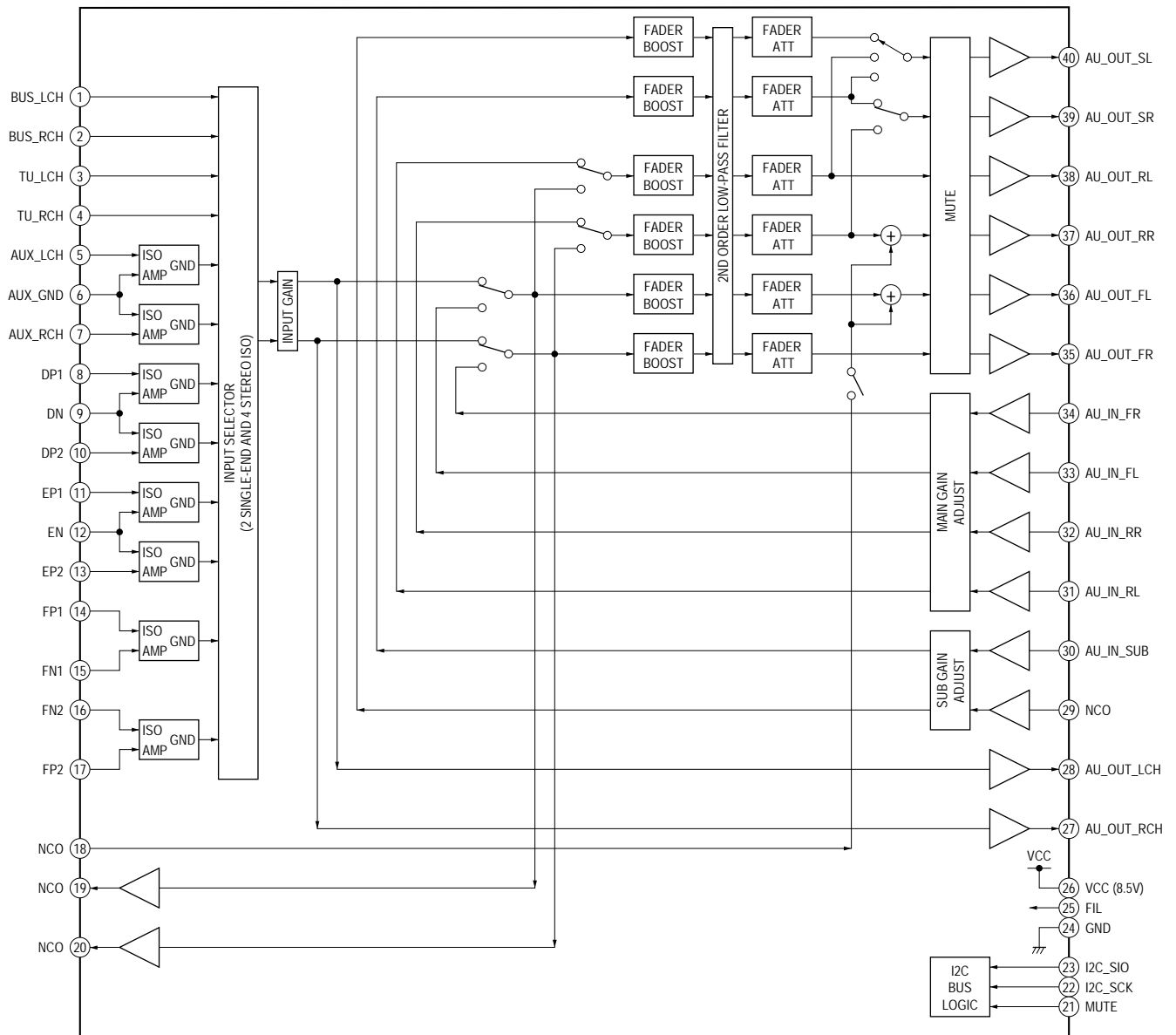
**IC601 BD9070FP-E2 (MAIN Board (2/3))**



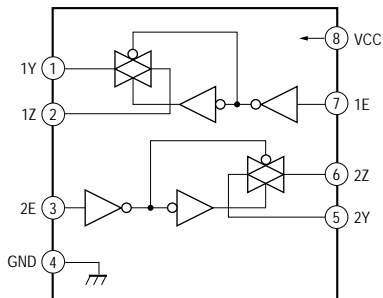
**IC001 TEF6617T/V1/S470,518 (Except AEP,UK model) (MAIN Board (3/3))**  
**IC001 TEF6617T/V1/S470/M5,518 (AEP,UK model) (MAIN Board (3/3))**



IC401 BD3467FV-E2 (MAIN Board (3/3))



IC971 74LVC2G66DC-125 (KEY Board)



## • IC Pin Function Description

### MAIN BOARD (2/3) IC501 R5F3650KBDZ96FA (SYSTEM CONTROL)

Pin No.	Pin Name	I/O	Description
1	LCD_SO	O	Serial data output for LCD driver
2	LCD_CLK	O	Serial clock signal output for LCD driver
3	NOSE_SW	I	Front panel detach detect signal input (L: with panel, H: without panel)
4	SIRCS	I	SIRCS signal input
5	UNISO	O	SONY BUS serial data output (Not used in this set)
6	UNISI	I	SONY BUS serial data input (Fixed at L in this set)
7	UNISCK	O	SONY BUS serial clock signal output (Fixed at L in this set)
8	BYTE	I	External data bus width select signal input (Connect to VSS in this set)
9	CNVSS	I	Flash writer IF (CNVSS) signal input (L: normally operation, H: flash write)
10	XIN	I	Low speed operation clock signal input (32.768 kHz)
11	XOUT	O	Low speed operation clock signal output (32.768 kHz)
12	RESET	I	System reset signal input
13	OSCOUT	O	High speed operation clock signal output (7.92 MHz)
14	VSS	—	Ground
15	OSCIN	I	High speed operation clock signal input (7.92 MHz)
16	VCC1	—	Power supply pin (+3.3 V)
17	NMI	I	Non-maskable interrupt signal input (Fixed at H in this set)
18	RC_IN1	I	Rotary commander shift key signal input
19	BUIN	I	Backup power supply detect signal input
20	SYSRST	O	System reset signal output
21	BUS_ON	O	VBUS power control signal output (Not used in this set)
22	MC_RX	I	MC-BUS communication MECHA (CMX-101Z) TX signal input
23	DOOR_SW	I	Front panel open detect signal input
24	MC_TX	O	MC-BUS communication MECHA (CMX-101Z) RX signal output
25	DOOR_ING	O	Disc slot indicator control signal output
26	SYNC_OUT	O	DD converter frequency control signal output
27	EJECT_OK	O	Eject OK signal output
28	BEEP	O	Beep signal output for the power amplifier IC
29	I2C_SCK	O	IIC communication serial clock signal output
30	I2C_SIO	I/O	IIC communication serial data input/output
31	FW_TXD	O	Flash writer IF (serial data) output
32	FW_RXD	I	Flash writer IF (serial data) input
33	FW_CLK	I	Flash writer IF (serial clock) signal input
34	FW_BUSY	O	Flash writer IF (busy) signal output
35, 36	NCO	O	Not used. (Open)
37	CD_ON	I	CD mechanism servo power supply control request signal input
38	CDM_ON	I	CD mechanism deck power supply control request signal input
39	WAKE_UP	O	CD mechanism deck micon wake up signal output
40	Z_MUTE	I	Z mute signal input
41	EPM	O	EPM signal output (Fixed at L in this set)
42	MODELNAME_SEL0	I	Model name select signal input 0 (Fixed at L in this set)
43	MODELNAME_SEL1	I	Model name select signal input 1 (Fixed at L in this set)
44	MODELNAME_SEL2	I	Model name select signal input 2
45	MODELNAME_SEL3	I	Model name select signal input 3
46	CE	O	CE signal output (Fixed at H in this set)
47	NCO	O	Not used. (Open)
48	SA_DATAIN	I	Paradisso spectrum analyzer serial data input
49	SA_CLKOUT	O	Paradisso spectrum analyzer serial clock signal output
50	USBON	O	USB over current detect IC control signal output
51	VBUS_ON	I	VBUS power supply control signal input (L: VBUS OFF, H: VBUS ON)
52	USB_OVR	I	USB over current detect signal input
53	EXTATT_XEN	O	L is sent when electronic volume IC has the status of CD/USB (H is sent when it has the status of other source) (Not used in this set)
54	NCO	O	Not used. (Open)
55	F_AUX_ATT	O	Front AUX mute detect signal input (H: Front AUX input)
56	TELATT	I	Telephone attenuator detect signal input
57	ACC_IN	I	Accessory power supply detect signal input

Pin No.	Pin Name	I/O	Description
58	ATT	O	Audio mute control signal output
59	DIAG	I	Condition signal input from power amp IC
60	AMPSTB	O	Standby signal output for power regulator IC
61	CYRIL_SEL	I	Cyril correspondance discrimination signal input (L: No correspondance) (Fixed at L in this set)
62	VCC2	—	Power supply pin (+3.3 V)
63	NCO	O	Not used. (Open)
64	VSS	—	Ground
65	ILLUMI_SEL	I	Key illumination voltage setting signal input (Fixed at L in this set)
66	COLSW_SEL	I	Key illumination color change function signal input (Fixed at H in this set)
67	NCO	O	Not used. (Open)
68	B-OUT_SEL	I	Black out function setting signal input (L: without black out function)
69	AREASEL3	I	Destination setting pin 3 (Fixed at L in this set)
70	AREASEL2	I	Destination setting pin 2
71	AREASEL1	I	Destination setting pin 1
72	AREASEL0	I	Destination setting pin 0
73	R/S SW_SEL	I	REAR/SUB select setting signal input (L: No switched) (Fixed at L in this set)
74, 75	NCO	O	Not used. (Open)
76	INITCOL_SEL	I	Key illumination initial color setting signal input
77, 78	NCO	O	Not used. (Open)
79, 80	DEBUG_1, DEBUG_2	O	Not used. (Open)
81	RE-IN1	I	Rotary encoder signal input 1
82	RE-IN0	I	Rotary encoder signal input 0
83	ILL_IN	I	ILL detect signal input
84 to 90	NCO	O	Not used. (Open)
91	KEYACK0	I	Key acknowledge detect signal input (Rotary commander)
92	KEYACK1	I	Key acknowledge detect signal input (Front panel)
93	NCO	O	Not used. (Open)
94	KEYIN1	I	Key signal input 1
95	KEYIN0	I	Key signal input 0
96	AVSS	—	Ground for A/D converter
97	RC_IN0	I	Rotary commander key signal input
98	AVRH	—	A/D converter external reference power supply pin (+3.3 V)
99	AVDD	—	A/D converter power supply pin (+3.3 V)
100	LCD_CE	O	Chip enable signal output for LCD driver

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.

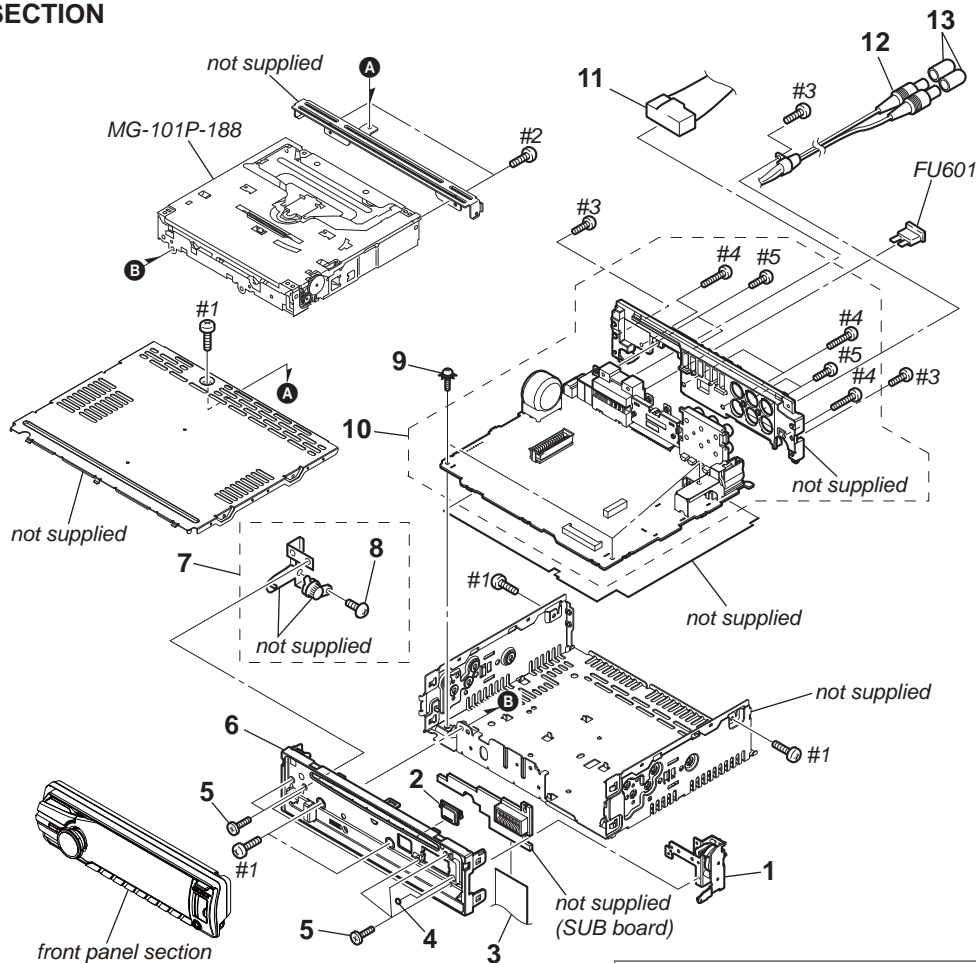
- Color Indication of Appearance Parts Example: KNOB, BALANCE (WHITE) . . . (RED)
- Accessories are given in the last of the electrical parts list.
- Abbreviation
- CND : Canadian model
- RU : Russian model
- EA : Saudi Arabia model
- MX : Mexican model
- IND : Indian model

↑ Parts Color Cabinet's Color

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

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

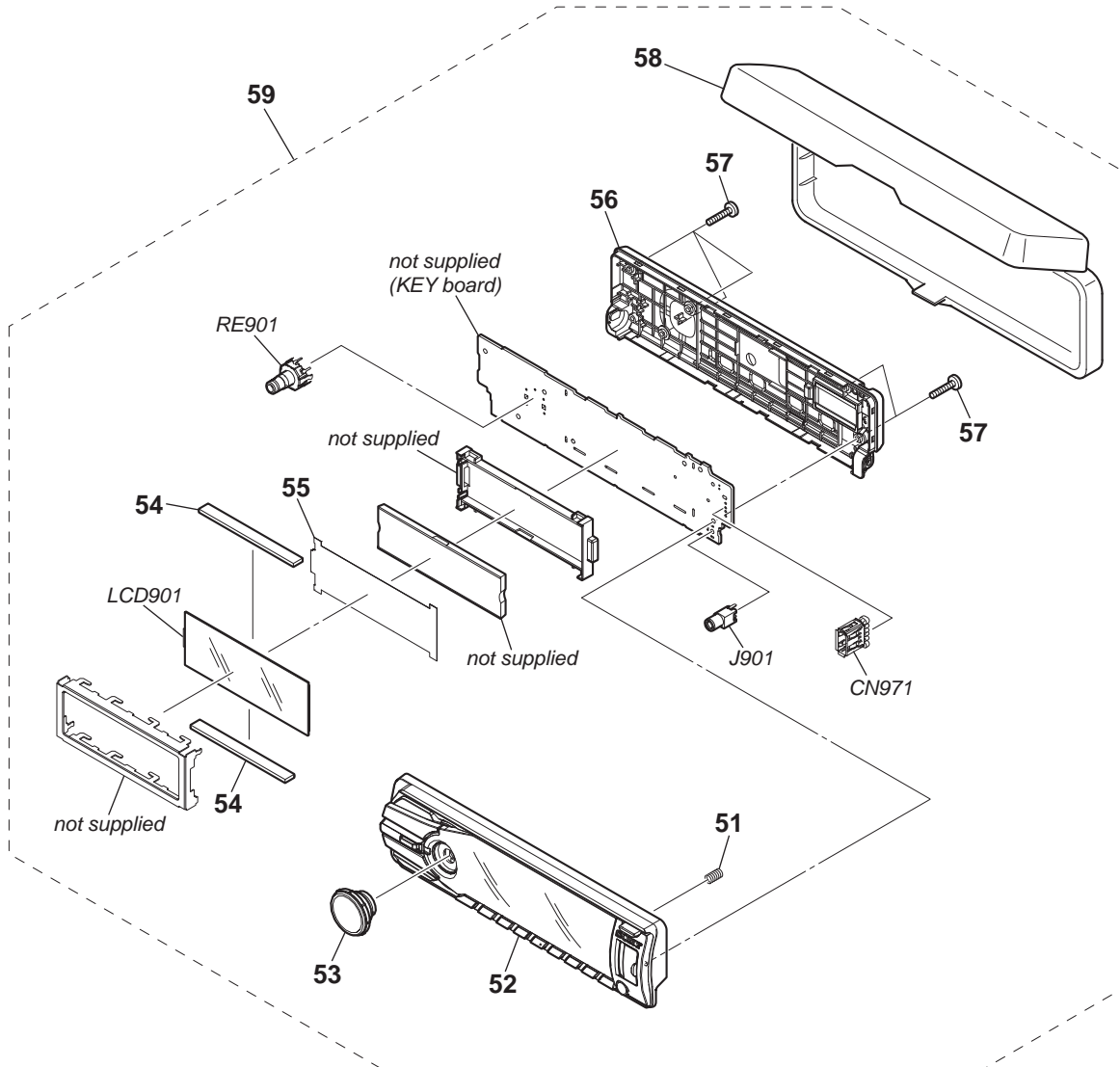
5-1. MAIN SECTION



Note: If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

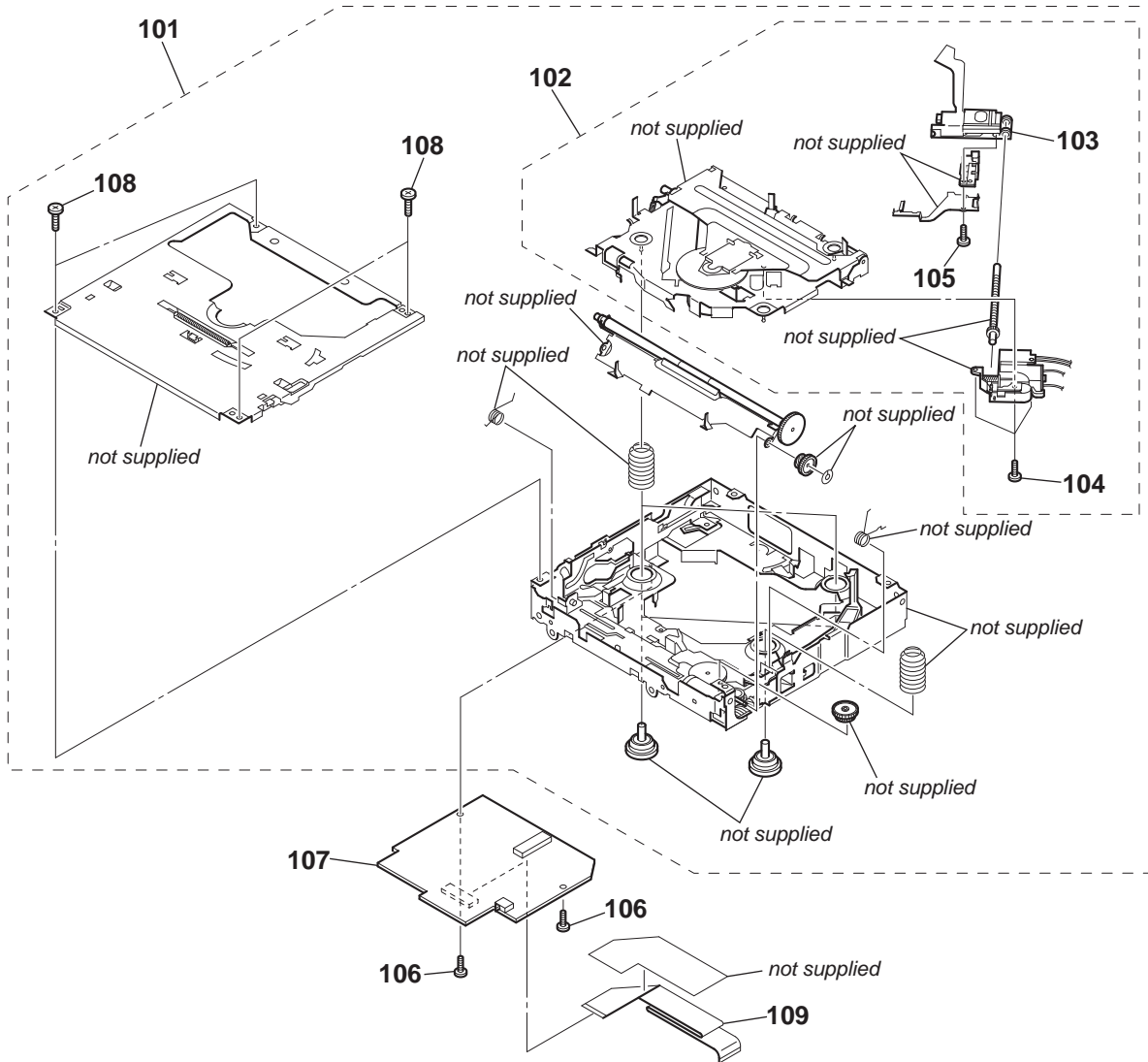
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1	X-2176-199-1	LOCK ASSY		10	A-1790-417-A	MAIN BOARD, COMPLETE (RU)	
2	3-246-441-01	BUTTON (EJECT)		11	1-776-527-71	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP,UK,RU)
3	1-834-627-11	CABLE, FLEXIBLE FLAT (23 CORE)		11	1-833-972-11	CONNECTION CORD FOR AUTOMOBILE	(POWER) (EXCEPT AEP,UK,RU)
4	3-260-247-01	CUSHION (SUB PANEL)		12	1-833-835-11	CONNECTION CORD FOR AUTOMOBILE	(SUB OUT (MONO)) (US,CND)
5	3-042-244-01	SCREW (T)		13	3-264-798-01	CAP (US,CND)	
6	X-2547-696-1	PANEL (SUB) ASSY		FU601	1-532-877-11	FUSE (BLADE TYPE) (AUTO FUSE) 10A	
7	X-2515-757-1	GEAR ASSY		#1	7-685-792-09	SCREW +PTT 2.6X6 (S)	
8	3-713-786-51	SCREW +P 2X3		#2	7-685-790-01	SCREW +PTT 2.6X4 (S)	
9	3-376-464-11	SCREW (+PTT 2.6X6), GROUND POINT		#3	7-685-793-09	SCREW +PTT 2.6X8 (S)	
10	A-1781-681-A	MAIN BOARD, COMPLETE (US,CND)		#4	7-685-794-09	SCREW +PTT 2.6X10 (S)	
10	A-1781-682-A	MAIN BOARD, COMPLETE (AEP,UK)		#5	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
10	A-1781-683-A	MAIN BOARD, COMPLETE (E,MX)					
10	A-1781-684-A	MAIN BOARD, COMPLETE (EA)					
10	A-1784-592-A	MAIN BOARD, COMPLETE (IND)					

5-2. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
51	3-264-712-01	SPRING (OPEN)		59	A-1781-702-A	PANEL COMPLETE ASSY, FRONT (GT650UI:US,CND)	
52	X-2548-573-1	PANEL (SV) ASSY, FRONT (GT650UI:US,CND)		59	A-1781-703-A	PANEL COMPLETE ASSY, FRONT (GT650UI:AEP,UK,RU)	
52	X-2548-574-1	PANEL (SV) ASSY, FRONT (GT650UI:AEP,UK,RU)		59	A-1781-704-A	PANEL COMPLETE ASSY, FRONT (GT700UI)	
52	X-2548-575-1	PANEL (SV) ASSY, FRONT (GT700UI)		59	A-1781-705-A	PANEL COMPLETE ASSY, FRONT (GT707UI)	
52	X-2548-576-1	PANEL (SV) ASSY, FRONT (GT707UI)		CN971	1-842-336-11	CONNECTOR, USB 4P (USB)	
53	X-2548-578-1	KNOB ASSY (S)		J901	1-842-335-11	JACK (SMALL TYPE) (DIA. 3.5) (AUX)	
54	1-780-563-11	CONDUCTIVE BOARD, CONNECTION		LCD901	1-811-223-11	DISPLAY PANEL, LIQUID CRYSTAL	
55	4-184-979-01	ILLUMINATOR (LCD)		RE901	1-487-023-21	ENCODER, ROTARY (PUSH ENTER/SELECT (VOLUME))	
56	X-2548-577-1	PANEL (SV) ASSY, BACK					
57	3-250-543-21	SCREW (+B P-TITE M2)					
58	X-2187-544-3	CASE ASSY (for FRONT PANEL) (EXCEPT US,CND)					

5-3. CD MECHANISM SECTION  
(MG-101P-188)



**Note:** If the wire (flat type) was replaced, fold it some as the wire (flat type) before replacement.

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
101	A-1313-179-A	MECHANICAL BLOCK (Z) ASSY (08) (EA,IND)		105	3-686-458-21	SCREW (P1.4), TAPPING	
101	A-1795-758-A	MECHANICAL BLOCK ASSY (P)	(EXCEPT EA,IND)	106	3-352-758-31	SCREW (M1.7X2.5), TOOTHED LOCK	
102	A-1284-705-A	DAXEV08/Q		107	A-1768-001-A	SERVO BOARD, COMPLETE	
△ 103	X-2149-672-1	SERVICE ASSY, OP (DAX-25A)		108	2-134-636-71	SCREW (M1.7X2.5)	
104	2-626-869-31	SCREW (M2X3), SERRATION		109	1-838-286-11	CABLE, FLEXIBLE FLAT (13 CORE)	



SECTION 6  
ELECTRICAL PARTS LIST

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. . .

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

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

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

• Abbreviation

CND : Canadian model  
RU : Russian model  
EA : Saudi Arabia model  
MX : Mexican model  
IND : Indian model

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		KEY BOARD *****				< FERRITE BEAD >	
	1-780-563-11	CONDUCTIVE BOARD, CONNECTION		FB901	1-414-385-21	INDUCTOR, FERRITE BEAD	
	4-184-979-01	ILLUMINATOR (LCD)		FB902	1-414-385-21	INDUCTOR, FERRITE BEAD	
				FB903	1-414-385-21	INDUCTOR, FERRITE BEAD	
		< CAPACITOR >				< IC >	
C903	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V	IC971	6-710-361-01	IC 74LVC2G66DC-125	
C904	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	IC981	6-715-732-01	IC LC75879PTH-US-H	
C905	1-127-760-11	CERAMIC CHIP 4.7uF 10%	6.3V	IC984	6-600-629-01	IC RS-470 (IR)	
C981	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V			< JACK >	
C982	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V				
C983	1-164-227-11	CERAMIC CHIP 0.022uF 10%	25V	J901	1-842-335-11	JACK (SMALL TYPE) (DIA. 3.5) (AUX)	
C984	1-125-891-11	CERAMIC CHIP 0.47uF 10%	10V			< COIL >	
C985	1-107-826-11	CERAMIC CHIP 0.1uF 10%	16V				
C986	1-135-834-91	CERAMIC CHIP 2.2uF 6.3V		L921	1-457-223-11	COIL, COMMON MODE CHOKE	
C993	1-100-352-91	CERAMIC CHIP 1uF 20%	16V			< LIQUID CRYSTAL DISPLAY >	
C995	1-162-964-11	CERAMIC CHIP 0.001uF 10%	50V	LCD901	1-811-223-11	DISPLAY PANEL, LIQUID CRYSTAL	
		< CONNECTOR >				< DIODE >	
CN901	1-818-141-11	PLUG, CONNECTOR 20P		LED986	6-503-357-01	LED SMLV56RGB1U1 (BUTTON PRESET)	
CN971	1-842-336-11	CONNECTOR, USB 4P (USB)		LED987	6-503-357-01	LED SMLV56RGB1U1 (LCD BACK LIGHT R)	
		< DIODE >		LED988	6-503-357-01	LED SMLV56RGB1U1 (LCD BACK LIGHT L)	
D901	6-503-205-01	DIODE RKZ6.8B2KGP1		LED989	6-503-357-01	LED SMLV56RGB1U1 (BUTTON PRESET)	
D902	6-503-205-01	DIODE RKZ6.8B2KGP1		LED990	6-503-357-01	LED SMLV56RGB1U1 (BUTTON FUNCTION)	
D903	6-503-205-01	DIODE RKZ6.8B2KGP1				< TRANSISTOR >	
D904	6-503-205-01	DIODE RKZ6.8B2KGP1		Q971	8-729-027-23	TRANSISTOR DTA114EKA-T146	
D905	6-503-205-01	DIODE RKZ6.8B2KGP1		Q972	6-551-272-01	TRANSISTOR RT3CLLM	
D906	6-503-213-01	DIODE RKZ18B2KGP1		Q973	6-551-272-01	TRANSISTOR RT3CLLM	
D907	6-503-205-01	DIODE RKZ6.8B2KGP1		Q974	6-551-272-01	TRANSISTOR RT3CLLM	
D908	6-503-205-01	DIODE RKZ6.8B2KGP1		Q975	6-551-272-01	TRANSISTOR RT3CLLM	
D909	6-503-205-01	DIODE RKZ6.8B2KGP1		Q976	6-551-272-01	TRANSISTOR RT3CLLM	
D910	6-503-205-01	DIODE RKZ6.8B2KGP1		Q977	6-551-272-01	TRANSISTOR RT3CLLM	
D911	6-503-205-01	DIODE RKZ6.8B2KGP1		Q978	6-551-272-01	TRANSISTOR RT3CLLM	
D971	6-503-205-01	DIODE RKZ6.8B2KGP1		Q979	6-551-272-01	TRANSISTOR RT3CLLM	
D972	6-503-205-01	DIODE RKZ6.8B2KGP1		Q980	6-551-272-01	TRANSISTOR RT3CLLM	
D975	6-503-205-01	DIODE RKZ6.8B2KGP1				< RESISTOR >	
D976	6-503-205-01	DIODE RKZ6.8B2KGP1		R900	1-216-808-11	METAL CHIP 82 5% 1/10W	
D977	8-719-058-24	DIODE RB501V-40TE-17		R901	1-216-833-11	METAL CHIP 10K 5% 1/10W	
D978	6-501-817-01	DIODE MA2J1110GLS0		R902	1-216-833-11	METAL CHIP 10K 5% 1/10W	
D979	6-503-205-01	DIODE RKZ6.8B2KGP1		R903	1-216-810-11	METAL CHIP 120 5% 1/10W	
D981	6-503-204-01	DIODE RKZ6.2B2KGP1		R904	1-216-797-11	METAL CHIP 10 5% 1/10W	
D982	6-501-817-01	DIODE MA2J1110GLS0					

CDX-GT650UI/GT700UI/GT707UI

KEY MAIN

Ref. No.	Part No.	Description	Remark
R905	1-216-804-11	METAL CHIP 39 5%	1/10W
R906	1-216-833-11	METAL CHIP 10K 5%	1/10W
R907	1-216-833-11	METAL CHIP 10K 5%	1/10W
R908	1-216-833-11	METAL CHIP 10K 5%	1/10W
R910	1-216-807-11	METAL CHIP 68 5%	1/10W
R911	1-216-797-11	METAL CHIP 10 5%	1/10W
R912	1-216-803-11	METAL CHIP 33 5%	1/10W
R915	1-216-810-11	METAL CHIP 120 5%	1/10W
R916	1-216-808-11	METAL CHIP 82 5%	1/10W
R918	1-216-808-11	METAL CHIP 82 5%	1/10W
R919	1-216-809-11	METAL CHIP 100 5%	1/10W
R920	1-216-809-11	METAL CHIP 100 5%	1/10W
R926	1-216-806-11	METAL CHIP 56 5%	1/10W
R928	1-216-806-11	METAL CHIP 56 5%	1/10W
R930	1-216-804-11	METAL CHIP 39 5%	1/10W
R932	1-216-806-11	METAL CHIP 56 5%	1/10W
R933	1-216-833-11	METAL CHIP 10K 5%	1/10W
R934	1-216-833-11	METAL CHIP 10K 5%	1/10W
R935	1-216-833-11	METAL CHIP 10K 5%	1/10W
R937	1-216-806-11	METAL CHIP 56 5%	1/10W
R939	1-216-804-11	METAL CHIP 39 5%	1/10W
R940	1-216-833-11	METAL CHIP 10K 5%	1/10W
R942	1-216-806-11	METAL CHIP 56 5%	1/10W
R944	1-216-807-11	METAL CHIP 68 5%	1/10W
R946	1-216-806-11	METAL CHIP 56 5%	1/10W
R947	1-216-810-11	METAL CHIP 120 5%	1/10W
R948	1-216-809-11	METAL CHIP 100 5%	1/10W
R949	1-216-809-11	METAL CHIP 100 5%	1/10W
R950	1-216-809-11	METAL CHIP 100 5%	1/10W
R951	1-216-820-11	METAL CHIP 820 5%	1/10W
R952	1-216-821-11	METAL CHIP 1K 5%	1/10W
R953	1-216-821-11	METAL CHIP 1K 5%	1/10W
R954	1-216-822-11	METAL CHIP 1.2K 5%	1/10W
R955	1-216-823-11	METAL CHIP 1.5K 5%	1/10W
R956	1-216-824-11	METAL CHIP 1.8K 5%	1/10W
R957	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R958	1-216-806-11	METAL CHIP 56 5%	1/10W
R959	1-216-820-11	METAL CHIP 820 5%	1/10W
R960	1-216-821-11	METAL CHIP 1K 5%	1/10W
R961	1-216-821-11	METAL CHIP 1K 5%	1/10W
R962	1-216-822-11	METAL CHIP 1.2K 5%	1/10W
R963	1-216-823-11	METAL CHIP 1.5K 5%	1/10W
R964	1-216-824-11	METAL CHIP 1.8K 5%	1/10W
R965	1-216-825-11	METAL CHIP 2.2K 5%	1/10W
R966	1-216-827-11	METAL CHIP 3.3K 5%	1/10W
R967	1-216-810-11	METAL CHIP 120 5%	1/10W
R968	1-216-814-11	METAL CHIP 270 5%	1/10W
R971	1-216-833-11	METAL CHIP 10K 5%	1/10W
R972	1-216-833-11	METAL CHIP 10K 5%	1/10W
R973	1-216-817-11	METAL CHIP 470 5%	1/10W
R974	1-216-817-11	METAL CHIP 470 5%	1/10W
R975	1-216-817-11	METAL CHIP 470 5%	1/10W
R976	1-216-801-11	METAL CHIP 22 5%	1/10W
R977	1-216-801-11	METAL CHIP 22 5%	1/10W
R978	1-216-809-11	METAL CHIP 100 5%	1/10W
R981	1-216-809-11	METAL CHIP 100 5%	1/10W
R982	1-216-859-11	METAL CHIP 1.5M 5%	1/10W
R983	1-216-025-11	METAL CHIP 100 5%	1/10W
R984	1-216-025-11	METAL CHIP 100 5%	1/10W
R985	1-216-025-11	METAL CHIP 100 5%	1/10W

Ref. No.	Part No.	Description	Remark
R986	1-216-033-00	METAL CHIP 220 5%	1/10W
R987	1-216-821-11	METAL CHIP 1K 5%	1/10W
R988	1-216-809-11	METAL CHIP 100 5%	1/10W
R989	1-216-806-11	METAL CHIP 56 5%	1/10W
R990	1-216-810-11	METAL CHIP 120 5%	1/10W
R991	1-216-816-11	METAL CHIP 390 5%	1/10W
R992	1-216-808-11	METAL CHIP 82 5%	1/10W
R993	1-216-810-11	METAL CHIP 120 5%	1/10W
R997	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R998	1-216-829-11	METAL CHIP 4.7K 5%	1/10W
R999	1-216-001-00	METAL CHIP 10 5%	1/10W
< ROTARY ENCODER >			
RE901	1-487-023-21	ENCODER, ROTARY (PUSH ENTER/SELECT (VOLUME))	
< SWITCH >			
S951	1-786-653-21	SWITCH, TACTILE (SOURCE/OFF)	
S952	1-786-653-21	SWITCH, TACTILE (SEEK+ ▶▶▶▶▶)	
S953	1-786-653-21	SWITCH, TACTILE (▶/MODE)	
S954	1-786-653-21	SWITCH, TACTILE (Q)	
S955	1-786-653-21	SWITCH, TACTILE (ZAP)	
S956	1-786-653-21	SWITCH, TACTILE (SEEK- ◀◀◀◀◀)	
S957	1-786-653-21	SWITCH, TACTILE (COLOR)	
S959	1-786-653-21	SWITCH, TACTILE (DSPL/SCRL)	
S960	1-786-653-21	SWITCH, TACTILE (6/PAUSE)	
S961	1-786-653-21	SWITCH, TACTILE (5)	
S962	1-786-653-21	SWITCH, TACTILE (4/SHUF)	
S963	1-786-653-21	SWITCH, TACTILE (3/REP)	
S964	1-786-653-21	SWITCH, TACTILE (2/ALBUM +)	
S965	1-786-653-21	SWITCH, TACTILE (1/ALBUM -)	
S966	1-786-653-21	SWITCH, TACTILE (PTY/CAT) (US,CND)	
S966	1-786-653-21	SWITCH, TACTILE (AF/TA/PTY) (AEP,UK,RU)	
S966	1-786-653-21	SWITCH, TACTILE (PTY) (E,EA,MX,IND)	
S971	1-798-032-11	SWITCH, DETECTION (FRONT PANEL OPEN DETECT)	
*****			
A-1781-681-A	MAIN BOARD, COMPLETE (US,CND)		
A-1781-682-A	MAIN BOARD, COMPLETE (AEP,UK)		
A-1781-683-A	MAIN BOARD, COMPLETE (E,MX)		
A-1781-684-A	MAIN BOARD, COMPLETE (EA)		
A-1784-592-A	MAIN BOARD, COMPLETE (IND)		
A-1790-417-A	MAIN BOARD, COMPLETE (RU) *****		
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	1-162-917-11	CERAMIC CHIP 15PF 5%	50V
C8	1-162-921-11	CERAMIC CHIP 33PF 5%	50V
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
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

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C20	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C420	1-126-964-11	ELECT	10uF	20%	50V
C21	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C421	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C22	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C422	1-126-964-11	ELECT	10uF	20%	50V
C23	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V	C423	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C24	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C424	1-126-964-11	ELECT	10uF	20%	50V
C25	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C425	1-126-964-11	ELECT	10uF	20%	50V
C26	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C426	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C27	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C427	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C28	1-126-947-11	ELECT	47uF	20%	35V						(US,CND)
C100	1-100-597-91	CERAMIC CHIP	0.1uF	10%	25V	C428	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C101	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C429	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C103	1-115-339-11	CERAMIC CHIP	0.1uF	10%	50V						(US,CND)
C158	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	C430	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C203	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C436	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C300	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C437	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C301	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	C438	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C302	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C442	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C303	1-128-551-11	ELECT	22uF	20%	63V	C443	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C304	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C444	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C305	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C445	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C306	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C447	1-124-584-00	ELECT	100uF	20%	10V
C308	1-127-715-11	CERAMIC CHIP	0.22uF	10%	16V	C502	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C312	1-124-233-11	ELECT	10uF	20%	16V	C504	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C313	1-126-947-11	ELECT	47uF	20%	35V	C507	1-162-919-11	CERAMIC CHIP	22PF	5%	50V
C315	1-125-889-11	CERAMIC CHIP	2.2uF	10%	10V	C508	1-162-918-11	CERAMIC CHIP	18PF	5%	50V
C316	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C510	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C318	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C512	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C319	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C513	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C320	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C514	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C321	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C517	1-216-864-11	SHORT CHIP	0		
C322	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C518	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V
C323	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C520	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C324	1-165-908-11	CERAMIC CHIP	1uF	10%	10V	C521	1-162-923-11	CERAMIC CHIP	47PF	5%	50V
C327	1-162-923-11	CERAMIC CHIP	47PF	5%	50V	C522	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C328	1-162-964-11	CERAMIC CHIP	0.001uF	10%	50V	C523	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C329	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C600	1-125-972-61	ELECT	100uF	20%	16V
C330	1-115-340-11	CERAMIC CHIP	0.22uF	10%	25V	C602	1-165-176-11	CERAMIC CHIP	0.047uF	10%	16V
C331	1-126-163-11	ELECT	4.7uF	20%	50V	C603	1-164-217-11	CERAMIC CHIP	150PF	5%	50V
C332	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V	C604	1-100-671-11	CERAMIC CHIP	4.7uF	20%	25V
C333	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V	C605	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C334	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	C606	1-164-677-11	CERAMIC CHIP	0.033uF	10%	16V
C335	1-163-009-91	CERAMIC CHIP	0.001uF	10%	50V	C607	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C336	1-112-302-11	ELECT	3300uF	20%	16V	C609	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V
C337	1-165-319-11	CERAMIC CHIP	0.1uF		50V	C611	1-165-908-11	CERAMIC CHIP	1uF	10%	10V
C401	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C612	1-126-935-11	ELECT	470uF	20%	16V
C402	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C613	1-100-591-91	CERAMIC CHIP	1uF	10%	25V
C403	1-128-057-11	ELECT	330uF	20%	6.3V	C614	1-165-733-91	ELECT	100uF	20%	25V
C405	1-216-864-11	SHORT CHIP	0			C615	1-125-972-61	ELECT	100uF	20%	16V
C407	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C701	1-124-584-00	ELECT	100uF	20%	10V
C408	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	C703	1-124-233-11	ELECT	10uF	20%	16V
					(US,CND)	C704	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C409	1-126-926-11	ELECT	1000uF	20%	10V	C710	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C411	1-128-057-11	ELECT	330uF	20%	6.3V	C711	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C412	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	C801	1-162-970-11	CERAMIC CHIP	0.01uF	10%	25V
C413	1-126-964-11	ELECT	10uF	20%	50V						(US,CND)
C414	1-107-826-11	CERAMIC CHIP	0.1uF	10%	16V	C802	1-126-941-11	ELECT	470uF	20%	25V
C415	1-126-934-11	ELECT	220uF	20%	16V						(US,CND)
C416	1-124-589-11	ELECT	47uF	20%	16V	C809	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C417	1-104-943-11	ELECT	2.2uF	20%	50V						(US,CND)
C418	1-104-943-11	ELECT	2.2uF	20%	50V						(US,CND)
C419	1-126-964-11	ELECT	10uF	20%	50V						(US,CND)

# CDX-GT650UI/GT700UI/GT707UI

## MAIN

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
		< CONNECTOR >					
CN101	1-770-530-31	CONNECTOR, FFC/FPC 23P		D806	6-503-206-01	DIODE RKZ7.5B2KGP1 (EXCEPT US,CND)	
CN301	1-774-701-21	PIN, CONNECTOR 16P		D807	6-503-213-01	DIODE RKZ18B2KGP1	
CN402	1-818-174-11	CONNECTOR, FPC/FFC 13P				< FERRITE BEAD >	
CN408	1-564-506-11	PLUG, CONNECTOR 3P (US,CND)		FB1	1-400-334-21	FERRITE, EMI (SMD) (1608) (US,CND)	
* CN501	1-564-710-11	PIN, CONNECTOR (SMALL TYPE) 8P		FB2	1-400-334-21	FERRITE, EMI (SMD) (1608) (US,CND)	
				FB3	1-400-334-21	FERRITE, EMI (SMD) (1608) (US,CND)	
CN701	1-820-611-11	CONNECTOR, BOARD TO BOARD 28P		FB401	1-216-295-91	SHORT CHIP 0	
CN801	1-580-907-41	PLUG, CONNECTOR 8P (BUS CONTROL IN)	(US,CND)	FB402	1-400-334-21	FERRITE, EMI (SMD) (1608)	
		< DIODE >		FB403	1-400-334-21	FERRITE, EMI (SMD) (1608)	
D101	6-503-205-01	DIODE RKZ6.8B2KGP1		FB408	1-500-329-21	INDUCTOR, FERRITE BEAD	
D102	6-503-205-01	DIODE RKZ6.8B2KGP1		FB501	1-414-595-11	INDUCTOR, FERRITE BEAD	
D103	6-503-205-01	DIODE RKZ6.8B2KGP1		FB704	1-414-595-11	INDUCTOR, FERRITE BEAD	
D104	6-503-205-01	DIODE RKZ6.8B2KGP1		FB705	1-414-595-11	INDUCTOR, FERRITE BEAD	
D105	6-503-205-01	DIODE RKZ6.8B2KGP1					
D106	6-503-205-01	DIODE RKZ6.8B2KGP1		FB706	1-414-595-11	INDUCTOR, FERRITE BEAD	
D107	6-503-205-01	DIODE RKZ6.8B2KGP1		FB801	1-414-595-11	INDUCTOR, FERRITE BEAD	
D108	6-503-205-01	DIODE RKZ6.8B2KGP1		FB802	1-414-595-11	INDUCTOR, FERRITE BEAD	
D109	6-503-213-01	DIODE RKZ18B2KGP1		FB826	1-414-595-11	INDUCTOR, FERRITE BEAD	
D111	6-503-205-01	DIODE RKZ6.8B2KGP1				< IC >	
D112	6-503-205-01	DIODE RKZ6.8B2KGP1		IC001	6-714-162-01	IC TEF6617TV1/S470,518 (EXCEPT AEP,UK)	
D113	6-503-205-01	DIODE RKZ6.8B2KGP1		IC001	6-714-162-11	IC TEF6617TV1/S470/M5,518 (AEP,UK)	
D116	6-503-205-01	DIODE RKZ6.8B2KGP1		IC301	6-715-848-11	IC TDF8556AJ/N3 (EXCEPT AEP,UK)	
D117	1-805-043-11	ABSORBER, CHIP SURGE		IC301	6-715-849-01	IC TDF8556AJ/N3/M5 (AEP,UK)	
D118	1-805-043-11	ABSORBER, CHIP SURGE		IC401	6-714-623-01	IC BD3467FV-E2	
D119	6-503-205-01	DIODE RKZ6.8B2KGP1		IC402	6-702-302-01	IC TK11133CSCL-G	
D301	6-503-213-01	DIODE RKZ18B2KGP1		IC403	6-712-776-01	IC PST8228UL	
D302	6-502-643-01	DIODE 1A4-A2		IC501	6-716-767-01	IC R5F3650KBDZ96FA (for SERVICE)	
D303	6-502-643-01	DIODE 1A4-A2		IC601	6-714-602-01	IC BD9070FP-E2	
D304	6-502-643-01	DIODE 1A4-A2		IC801	6-703-884-01	IC BA8271F-E2 (US,CND)	
D306	6-502-643-01	DIODE 1A4-A2 (AEP,UK)				< JACK >	
D307	6-503-213-01	DIODE RKZ18B2KGP1		J1	1-822-949-21	JACK (ANTENNA)	
D308	6-501-817-01	DIODE MA2J1110GLS0		J403	1-822-714-11	JACK, PIN 6P (BUS AUDIO IN, REAR AUDIO OUT,FRONT AUDIO OUT)	(US,CND)
D310	6-502-643-01	DIODE 1A4-A2		J403	1-822-714-21	JACK, PIN 6P (SUB OUT (MONO), REAR AUDIO OUT,FRONT AUDIO OUT)	(EXCEPT US,CND)
D311	6-502-643-01	DIODE 1A4-A2		J801	1-566-822-81	JACK (REMOTE IN)	
D312	6-502-643-01	DIODE 1A4-A2				< JUMPER RESISTOR >	
D313	6-502-643-01	DIODE 1A4-A2		JC103	1-216-296-11	SHORT CHIP 0	
D314	6-502-643-01	DIODE 1A4-A2		JC106	1-216-864-11	SHORT CHIP 0	
D315	6-502-643-01	DIODE 1A4-A2		JC116	1-216-296-11	SHORT CHIP 0	
D316	6-502-643-01	DIODE 1A4-A2		JC120	1-216-296-11	SHORT CHIP 0	
D317	6-502-643-01	DIODE 1A4-A2		JC121	1-216-295-91	SHORT CHIP 0	
D318	6-502-643-01	DIODE 1A4-A2		JC123	1-216-296-11	SHORT CHIP 0	
D320	6-503-213-01	DIODE RKZ18B2KGP1		JC131	1-216-296-11	SHORT CHIP 0	
D321	6-502-643-01	DIODE 1A4-A2		JC256	1-216-864-11	SHORT CHIP 0	
D322	6-503-213-01	DIODE RKZ18B2KGP1		JC257	1-216-864-11	SHORT CHIP 0	
D323	6-503-213-01	DIODE RKZ18B2KGP1		JC260	1-216-864-11	SHORT CHIP 0	
D324	6-502-643-01	DIODE 1A4-A2		JC261	1-216-864-11	SHORT CHIP 0	
D401	6-501-817-01	DIODE MA2J1110GLS0		JC262	1-216-295-91	SHORT CHIP 0	
D402	6-500-334-01	DIODE MC2836-T112-1		JC263	1-216-295-91	SHORT CHIP 0	
D403	6-501-817-01	DIODE MA2J1110GLS0		JC265	1-216-296-11	SHORT CHIP 0	
D404	6-501-817-01	DIODE MA2J1110GLS0		JC267	1-216-296-11	SHORT CHIP 0	
D501	6-503-205-01	DIODE RKZ6.8B2KGP1		JC268	1-216-295-91	SHORT CHIP 0	
D601	6-501-657-01	DIODE MA24D5000BS0		JC269	1-216-864-11	SHORT CHIP 0	
D731	6-501-013-01	DIODE BAT54ALT1G		JC271	1-216-864-11	SHORT CHIP 0	
D801	6-502-131-01	DIODE LRB751V-40T1G (US,CND)		JC273	1-216-296-11	SHORT CHIP 0	
D802	6-503-213-01	DIODE RKZ18B2KGP1 (US,CND)		JC274	1-216-295-91	SHORT CHIP 0	
D803	6-503-213-01	DIODE RKZ18B2KGP1 (US,CND)					
D804	6-503-213-01	DIODE RKZ18B2KGP1 (US,CND)					
D806	6-503-204-01	DIODE RKZ6.2B2KGP1 (US,CND)					

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
JC276	1-216-296-11	SHORT CHIP	0	R11	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
JC277	1-216-295-91	SHORT CHIP	0	R12	1-216-009-91	METAL CHIP	22 5% 1/10W
JC281	1-216-296-11	SHORT CHIP	0	R13	1-216-809-11	METAL CHIP	100 5% 1/10W
JC282	1-216-296-11	SHORT CHIP	0	R14	1-216-809-11	METAL CHIP	100 5% 1/10W
JC289	1-216-296-11	SHORT CHIP	0	R15	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)
JC290	1-216-296-11	SHORT CHIP	0	R16	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)
JC291	1-216-296-11	SHORT CHIP	0	R116	1-216-295-91	SHORT CHIP	0
JC292	1-216-295-91	SHORT CHIP	0	R121	1-216-864-11	SHORT CHIP	0
JC295	1-216-295-91	SHORT CHIP	0	R122	1-216-864-11	SHORT CHIP	0
JC301	1-216-296-11	SHORT CHIP	0	R301	1-216-809-11	METAL CHIP	100 5% 1/10W
JC302	1-216-864-11	SHORT CHIP	0	R302	1-216-809-11	METAL CHIP	100 5% 1/10W
JC307	1-216-864-11	SHORT CHIP	0	R303	1-216-182-00	METAL CHIP	220 5% 1/8W
JC346	1-216-864-11	SHORT CHIP	0	R304	1-216-182-00	METAL CHIP	220 5% 1/8W
JC356	1-216-296-11	SHORT CHIP	0	R305	1-216-182-00	METAL CHIP	220 5% 1/8W
JC361	1-216-864-11	SHORT CHIP	0	R306	1-216-182-00	METAL CHIP	220 5% 1/8W
JC362	1-216-864-11	SHORT CHIP	0	R308	1-216-811-11	METAL CHIP	150 5% 1/10W
JC363	1-216-864-11	SHORT CHIP	0	R310	1-216-841-11	METAL CHIP	47K 5% 1/10W
JC366	1-216-296-11	SHORT CHIP	0	R315	1-216-841-11	METAL CHIP	47K 5% 1/10W
JC408	1-216-296-11	SHORT CHIP	0	R316	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
JC418	1-216-296-11	SHORT CHIP	0	R317	1-216-841-11	METAL CHIP	47K 5% 1/10W
JC419	1-216-296-11	SHORT CHIP	0	R318	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC469	1-216-864-11	SHORT CHIP	0	R319	1-216-833-11	METAL CHIP	10K 5% 1/10W
JC475	1-216-296-11	SHORT CHIP	0	R320	1-216-841-11	METAL CHIP	47K 5% 1/10W
JC479	1-216-296-11	SHORT CHIP	0	R321	1-216-821-11	METAL CHIP	1K 5% 1/10W
		< COIL >		R322	1-249-425-11	CARBON	4.7K 5% 1/4W
L1	1-414-180-51	INDUCTOR	3.3uH	R323	1-216-845-11	METAL CHIP	100K 5% 1/10W
L2	1-410-501-61	INDUCTOR	2.2uH	R324	1-216-837-11	METAL CHIP	22K 5% 1/10W
L6	1-457-817-11	COIL (FM MIX)		R325	1-249-425-11	CARBON	4.7K 5% 1/4W
L7	1-481-285-51	INDUCTOR	560uH	R401	1-216-845-11	METAL CHIP	100K 5% 1/10W
L8	1-481-285-51	INDUCTOR	560uH	R404	1-216-813-11	METAL CHIP	220 5% 1/10W
L301	1-456-617-11	COIL, CHOKE		R405	1-216-833-11	METAL CHIP	10K 5% 1/10W
L302	1-216-295-91	SHORT CHIP	0	R407	1-216-813-11	METAL CHIP	220 5% 1/10W
L402	1-216-864-11	SHORT CHIP	0	R409	1-216-833-11	METAL CHIP	10K 5% 1/10W
L405	1-216-295-91	SHORT CHIP	0	R410	1-216-813-11	METAL CHIP	220 5% 1/10W
L601	1-411-595-21	COIL, CHOKE	47uH	R411	1-216-833-11	METAL CHIP	10K 5% 1/10W
L602	1-412-525-31	INDUCTOR	10uH	R412	1-216-864-11	SHORT CHIP	0
L603	1-411-595-21	COIL, CHOKE	47uH	R413	1-216-833-11	METAL CHIP	10K 5% 1/10W (US,CND)
		< TRANSISTOR >		R414	1-216-821-11	METAL CHIP	1K 5% 1/10W (US,CND)
Q301	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R414	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)
Q302	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R415	1-216-817-11	METAL CHIP	470 5% 1/10W
Q303	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R416	1-216-817-11	METAL CHIP	470 5% 1/10W
Q401	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	R417	1-216-834-11	METAL CHIP	12K 5% 1/10W
Q402	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	R418	1-216-834-11	METAL CHIP	12K 5% 1/10W
Q403	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	R419	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q404	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	R420	1-216-295-91	SHORT CHIP	0
Q405	6-551-677-01	TRANSISTOR	RTAN140M-T111-1	R421	1-216-813-11	METAL CHIP	220 5% 1/10W
Q407	6-552-410-01	TRANSISTOR	DRA5114E0L	R422	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q409	6-552-430-01	TRANSISTOR	DRC5114E0L	R423	1-216-813-11	METAL CHIP	220 5% 1/10W
Q501	6-552-410-01	TRANSISTOR	DRA5114E0L	R424	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q502	6-552-430-01	TRANSISTOR	DRC5114E0L	R425	1-216-864-11	SHORT CHIP	0
Q802	6-552-430-01	TRANSISTOR	DRC5114E0L	R426	1-216-833-11	METAL CHIP	10K 5% 1/10W (US,CND)
Q807	6-552-444-01	TRANSISTOR	DRC5144E0L (EXCEPT US,CND)	R427	1-216-821-11	METAL CHIP	1K 5% 1/10W (US,CND)
Q808	8-729-620-13	TRANSISTOR	2SC4154TP-1EF (EXCEPT US,CND)	R427	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)
		< RESISTOR >		R429	1-216-801-11	METAL CHIP	22 5% 1/10W
R1	1-216-853-11	METAL CHIP	470K 5% 1/10W	R430	1-216-864-11	SHORT CHIP	0
R2	1-216-853-11	METAL CHIP	470K 5% 1/10W	R431	1-216-864-11	SHORT CHIP	0
R3	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)	R432	1-216-864-11	SHORT CHIP	0

# CDX-GT650UI/GT700UI/GT707UI

## MAIN

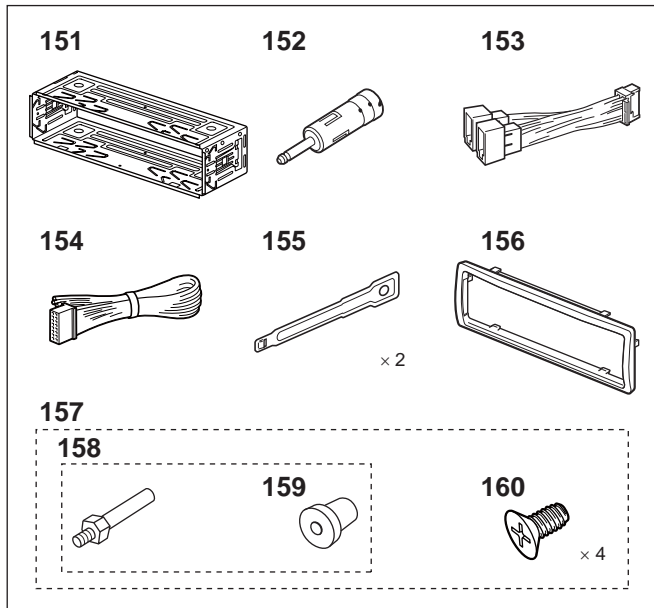
Ref. No.	Part No.	Description	Remark
R433	1-216-295-91	SHORT CHIP	0
R434	1-216-295-91	SHORT CHIP	0
R435	1-216-864-11	SHORT CHIP	0
R436	1-216-864-11	SHORT CHIP	0
R438	1-216-833-11	METAL CHIP	10K 5% 1/10W
R441	1-216-864-11	SHORT CHIP	0
R442	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)
R443	1-216-864-11	SHORT CHIP	0 (EXCEPT US,CND)
R500	1-216-833-11	METAL CHIP	10K 5% 1/10W
R501	1-219-570-11	METAL CHIP	10M 5% 1/10W
R502	1-216-809-11	METAL CHIP	100 5% 1/10W
R503	1-216-809-11	METAL CHIP	100 5% 1/10W
R504	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R505	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R506	1-216-845-11	METAL CHIP	100K 5% 1/10W
R507	1-216-845-11	METAL CHIP	100K 5% 1/10W (EXCEPT AEP,UK,RU)
R508	1-216-849-11	METAL CHIP	220K 5% 1/10W
R509	1-216-864-11	SHORT CHIP	0
R510	1-216-821-11	METAL CHIP	1K 5% 1/10W
R511	1-216-821-11	METAL CHIP	1K 5% 1/10W
R512	1-216-821-11	METAL CHIP	1K 5% 1/10W
R513	1-216-845-11	METAL CHIP	100K 5% 1/10W
R514	1-216-845-11	METAL CHIP	100K 5% 1/10W
R516	1-216-864-11	SHORT CHIP	0
R517	1-216-864-11	SHORT CHIP	0
R519	1-216-845-11	METAL CHIP	100K 5% 1/10W
R521	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R522	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R523	1-216-845-11	METAL CHIP	100K 5% 1/10W
R526	1-216-845-11	METAL CHIP	100K 5% 1/10W
R527	1-216-809-11	METAL CHIP	100 5% 1/10W
R528	1-216-845-11	METAL CHIP	100K 5% 1/10W
R529	1-216-864-11	SHORT CHIP	0
R530	1-218-871-11	METAL CHIP	10K 0.5% 1/10W
R531	1-216-845-11	METAL CHIP	100K 5% 1/10W
R532	1-216-845-11	METAL CHIP	100K 5% 1/10W
R533	1-216-845-11	METAL CHIP	100K 5% 1/10W
R534	1-216-833-11	METAL CHIP	10K 5% 1/10W
R535	1-216-833-11	METAL CHIP	10K 5% 1/10W
R536	1-216-833-11	METAL CHIP	10K 5% 1/10W
R537	1-216-845-11	METAL CHIP	100K 5% 1/10W (EXCEPT US,CND)
R538	1-216-845-11	METAL CHIP	100K 5% 1/10W (US,CND)
R539	1-216-809-11	METAL CHIP	100 5% 1/10W
R540	1-216-809-11	METAL CHIP	100 5% 1/10W
R541	1-216-821-11	METAL CHIP	1K 5% 1/10W
R542	1-216-864-11	SHORT CHIP	0
R543	1-216-864-11	SHORT CHIP	0
R544	1-216-809-11	METAL CHIP	100 5% 1/10W
R545	1-216-845-11	METAL CHIP	100K 5% 1/10W
R546	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R547	1-216-845-11	METAL CHIP	100K 5% 1/10W
R549	1-216-845-11	METAL CHIP	100K 5% 1/10W (EA)
R550	1-216-845-11	METAL CHIP	100K 5% 1/10W
R551	1-216-845-11	METAL CHIP	100K 5% 1/10W (EXCEPT EA)
R553	1-216-845-11	METAL CHIP	100K 5% 1/10W (US,CND)

Ref. No.	Part No.	Description	Remark
R554	1-216-845-11	METAL CHIP	100K 5% 1/10W (EXCEPT US,CND)
R555	1-216-864-11	SHORT CHIP	0
R557	1-216-864-11	SHORT CHIP	0
R559	1-216-845-11	METAL CHIP	100K 5% 1/10W
R560	1-216-845-11	METAL CHIP	100K 5% 1/10W
R561	1-216-845-11	METAL CHIP	100K 5% 1/10W
R562	1-216-845-11	METAL CHIP	100K 5% 1/10W (EXCEPT IND)
R563	1-216-864-11	SHORT CHIP	0
R564	1-216-845-11	METAL CHIP	100K 5% 1/10W
R565	1-216-845-11	METAL CHIP	100K 5% 1/10W
R566	1-216-845-11	METAL CHIP	100K 5% 1/10W (EXCEPT E,EA,MX)
R567	1-216-845-11	METAL CHIP	100K 5% 1/10W
R568	1-216-097-11	METAL CHIP	100K 5% 1/10W
R570	1-216-817-11	METAL CHIP	470 5% 1/10W
R571	1-216-845-11	METAL CHIP	100K 5% 1/10W
R572	1-216-845-11	METAL CHIP	100K 5% 1/10W
R573	1-216-845-11	METAL CHIP	100K 5% 1/10W (AEP,UK,RU)
R574	1-216-845-11	METAL CHIP	100K 5% 1/10W (E,EA,MX,IND)
R575	1-216-845-11	METAL CHIP	100K 5% 1/10W (US,CND,AEP,UK,RU)
R577	1-216-845-11	METAL CHIP	100K 5% 1/10W
R580	1-216-809-11	METAL CHIP	100 5% 1/10W
R581	1-216-857-11	METAL CHIP	1M 5% 1/10W
R583	1-216-845-11	METAL CHIP	100K 5% 1/10W
R584	1-216-845-11	METAL CHIP	100K 5% 1/10W
R585	1-216-821-11	METAL CHIP	1K 5% 1/10W
R587	1-216-845-11	METAL CHIP	100K 5% 1/10W
R589	1-216-833-11	METAL CHIP	10K 5% 1/10W
R590	1-216-845-11	METAL CHIP	100K 5% 1/10W (E,EA,MX)
R591	1-216-821-11	METAL CHIP	1K 5% 1/10W
R592	1-216-809-11	METAL CHIP	100 5% 1/10W
R593	1-216-809-11	METAL CHIP	100 5% 1/10W
R594	1-216-845-11	METAL CHIP	100K 5% 1/10W
R595	1-216-845-11	METAL CHIP	100K 5% 1/10W
R596	1-216-845-11	METAL CHIP	100K 5% 1/10W
R597	1-216-845-11	METAL CHIP	100K 5% 1/10W (IND)
R598	1-216-809-11	METAL CHIP	100 5% 1/10W
R599	1-216-845-11	METAL CHIP	100K 5% 1/10W
R601	1-216-841-11	METAL CHIP	47K 5% 1/10W
R602	1-216-817-11	METAL CHIP	470 5% 1/10W
R603	1-245-816-11	METAL CHIP	2.2K 0.5% 1/10W
R604	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R605	1-216-817-11	METAL CHIP	470 5% 1/10W
R606	1-216-817-11	METAL CHIP	470 5% 1/10W
R607	1-216-836-11	METAL CHIP	18K 5% 1/10W
R608	1-245-806-11	METAL CHIP	820 0.5% 1/10W
R609	1-245-816-11	METAL CHIP	2.2K 0.5% 1/10W
R610	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R611	1-249-413-11	CARBON	470 5% 1/4W
R701	1-216-864-11	SHORT CHIP	0
R702	1-216-864-11	SHORT CHIP	0
R705	1-216-864-11	SHORT CHIP	0
R707	1-216-809-11	METAL CHIP	100 5% 1/10W
R708	1-216-864-11	SHORT CHIP	0
R709	1-216-845-11	METAL CHIP	100K 5% 1/10W

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
R710	1-216-809-11	METAL CHIP	100 5%	1/10W		SUB BOARD	
R711	1-216-809-11	METAL CHIP	100 5%	1/10W		*****	
R713	1-216-845-11	METAL CHIP	100K 5%	1/10W			
R716	1-216-864-11	SHORT CHIP	0		1-834-627-11	CABLE, FLEXIBLE FLAT (23 CORE) (CN204)	
R804	1-216-821-11	METAL CHIP	1K 5%	1/10W (US,CND)		< CONNECTOR >	
R805	1-216-821-11	METAL CHIP	1K 5%	1/10W (US,CND)	CN201	1-818-142-11 SOCKET, CONNECTOR 20P	
R806	1-216-809-11	METAL CHIP	100 5%	1/10W (US,CND)		< DIODE >	
R807	1-216-851-11	METAL CHIP	330K 5%	1/10W (US,CND)	LED201	6-502-877-01 LED SML-310VTT86TJ (▲)	
R808	1-216-864-11	SHORT CHIP	0 (US,CND)		LED202	6-502-877-01 LED SML-310VTT86TJ (DISC SLOT INDICATOR)	
R809	1-216-851-11	METAL CHIP	330K 5%	1/10W (US,CND)		< RESISTOR >	
R810	1-216-864-11	SHORT CHIP	0 (US,CND)		R205	1-216-815-11 METAL CHIP 330 5% 1/10W	
R811	1-216-864-11	SHORT CHIP	0 (US,CND)		R206	1-216-812-11 METAL CHIP 180 5% 1/10W	
R812	1-216-864-11	SHORT CHIP	0 (US,CND)			< SWITCH >	
R813	1-216-809-11	METAL CHIP	100 5%	1/10W (US,CND)	S201	1-786-653-21 SWITCH, TACTILE (▲)	
R815	1-216-821-11	METAL CHIP	1K 5%	1/10W (EXCEPT US,CND)	*****		
R815	1-216-835-11	METAL CHIP	15K 5%	1/10W (US,CND)		MISCELLANEOUS	
R816	1-216-821-11	METAL CHIP	1K 5%	1/10W	11	1-776-527-71 CORD (WITH CONNECTOR) (ISO) (POWER)	
R858	1-216-849-11	METAL CHIP	220K 5%	1/10W		(AEP,UK,RU)	
R862	1-216-849-11	METAL CHIP	220K 5%	1/10W (EXCEPT US,CND)	11	1-833-972-11 CONNECTION CORD FOR AUTOMOBILE (POWER) (EXCEPT AEP,UK,RU)	
R865	1-216-864-11	SHORT CHIP	0		12	1-833-835-11 CONNECTION CORD FOR AUTOMOBILE (SUB OUT (MONO)) (US,CND)	
R866	1-216-821-11	METAL CHIP	1K 5%	1/10W	△ 103	X-2149-672-1 SERVICE ASSY, OP (DAX-25A)	
R867	1-216-829-11	METAL CHIP	4.7K 5%	1/10W	109	1-838-286-11 CABLE, FLEXIBLE FLAT (13 CORE)	
		< SWITCH >			FU601	1-532-877-11 FUSE (BLADE TYPE) (AUTO FUSE) 10A	
S401	1-786-826-11	SWITCH, TACTILE (RESET)			*****		
S501	1-786-458-11	SWITCH, PUSH (1 KEY) (FRONT PANEL DETACH DETECT)				ACCESSORIES	
		< THERMISTOR (POSITIVE) >				*****	
TH801	1-803-350-21	THERMISTOR, POSITIVE (US,CND)				1-479-077-14 REMOTE COMMANDER (RM-X151)	
		< VARISTOR >				2-548-729-01 LID, BATTERY CASE (for RM-X151)	
VDR408	1-804-988-21	VARISTOR, CHIP (1608) (US,CND)				4-163-772-01 DISC, APPLICATION	
		< SURGE ABSORBER >				4-193-831-11 MANUAL, INSTRUCTION (ENGLISH,FRENCH) (US,CND)	
VR1	1-805-043-11	ABSORBER, CHIP SURGE				4-193-831-31 MANUAL, INSTRUCTION (RUSSIAN,UKRAINIAN) (RU)	
		< VIBRATOR >				4-193-831-41 MANUAL, INSTRUCTION (ENGLISH,SPANISH) (E,MX,IND)	
X1	1-814-302-11	QUARTZ CRYSTAL UNIT (4MHz)				4-193-831-51 MANUAL, INSTRUCTION (ENGLISH,PERSIAN, ARABIC) (EA)	
X501	1-814-207-21	VIBRATOR, CERAMIC (7.92MHz)				4-193-831-71 MANUAL, INSTRUCTION (ENGLISH,GERMAN, FRENCH,ITALIAN,DUTCH) (AEP,UK)	
X502	1-813-202-11	VIBRATOR, CRYSTAL (32.768kHz)				4-193-832-11 MANUAL, INSTRUCTION, INSTALL (ENGLISH, FRENCH) (US,CND)	
*****						4-193-832-21 MANUAL, INSTRUCTION, INSTALL (ENGLISH, GERMAN,FRENCH,ITALIAN,DUTCH) (AEP,UK)	
A-1768-001-A	SERVO BOARD, COMPLETE					4-193-832-31 MANUAL, INSTRUCTION, INSTALL (RUSSIAN, UKRAINIAN) (RU)	
*****						4-193-832-41 MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH) (E,MX,IND)	
*****						4-193-832-51 MANUAL, INSTRUCTION, INSTALL (ENGLISH, PERSIAN,ARABIC) (EA)	
*****						X-2187-544-3 CASE ASSY (for FRONT PANEL) (EXCEPT US,CND)	
*****						*****	

# CDX-GT650UI/GT700UI/GT707UI

Ref. No.	Part No.	Description	Remark
PARTS FOR INSTALLATION AND CONNECTIONS			
*****			
151	X-2548-065-1	FRAME ASSY, FITTING	
152	1-465-459-41	ADAPTOR, ANTENNA (AEP,UK,RU)	
153	1-776-527-71	CORD (WITH CONNECTOR) (ISO) (POWER)	(AEP,UK,RU)
154	1-833-972-11	CONNECTION CORD FOR AUTOMOBILE	(POWER) (EXCEPT AEP,UK,RU)
155	3-876-675-01	KEY (FRAME)	
156	4-168-810-01	COLLAR	
157	X-3381-154-1	SCREW ASSY (BS4), FITTING (E,EA,MX,IND)	
158	X-3382-926-1	SCREW ASSY (BS), FITTING (AEP,UK,RU)	
159	3-349-410-11	BUSHING (EXCEPT US,CND)	
160	3-934-325-01	SCREW, +K (5X8) TAPPING (EXCEPT AEP,UK,RU)	





MEMO

