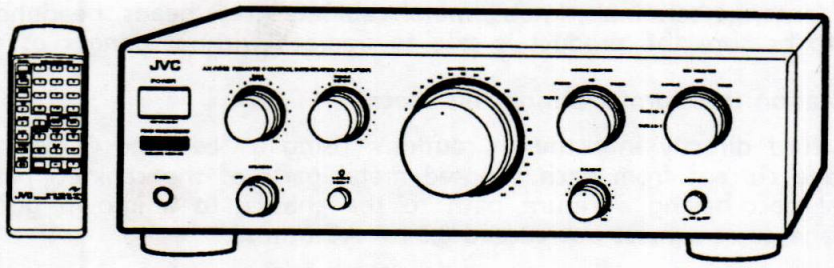
JVC

SERVICE MANUAL

REMOTE CONTROL INTEGRATED AMPLIFIER

AX-R561TN
AX-R562BK



COMPU LINK
Remote
Control Component

Note

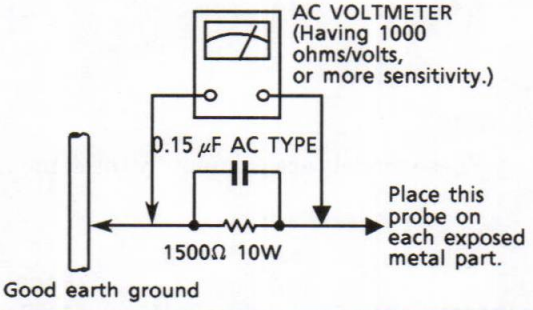
These models are completely the same in their structure, except for their outlook colour.

No. 20367
Aug. 1992

Safety Precautions

1. The design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
2. Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacture of responsibility for personal injury or property damage resulting therefrom.
3. Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by (⚠) on the Parts List in the Service Manual. The use of a substitute repalcement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
4. The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after re-assembling.
5. Leakage currnet check (Electrical shock hazard testing)
   After re-assembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, contorl shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.
   Do not use a line isolation transformer during this check.

   - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal parts of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
   - Alternate check method
     Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 ohms per volt or more sensitivity in the following manner. Connect a 1,500Ω 10 W resistor paralleled by a 0.15 μF AC-type capacitor between an exposed metal part and a known good earth ground.
     Measure the AC voltage across the resistor with the AC voltmeter.
     Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and meausre the AC voltage across the resistor.
     Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



Warning

1. This equipment has been designed and manufactured to meet international safety standards.
2. It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
3. Repairs must be made in accordance with the relevant safety standards.
4. It is essential that safety critical components are replaced by approved parts.
5. If mains voltage selector is provided, check setting for local voltage.

Instruction Book

Introduction

Thank you for purchasing this JVC AX-R561TN/AX-R562BK Amplifier. We hope it will be a valued addition to your audio/visual system. Be sure to read these instructions carefully before operating the amplifier.

About This Manual

This manual gives you the basic information you need to set up and use your amplifier. It explains everything you need to know from turning on the power switch to basic trouble-shooting. Please consult your JVC dealer if you have any questions about the amplifier.

Use the following guideline to help you follow the instructions in this manual:

- The switches and controls that you will be using are indicated with capital letters, like this: MASTER VOLUME control
- Connection points on the back of the amplifier are indicated with capital letters, like this: CD jacks
- Parts of this manual must be observed to avoid electric shock or other injury to yourself. These parts are labeled ⚠**CAUTION!**
- Steps that you need to follow to get the correct results are labeled ***Important!***
- Additional information that is helpful to know, is labeled ***Note:***

Before Installing Your Amplifier

Locating the Amplifier

Install the amplifier in a place that is level and protected from moisture.

The temperature around the amplifier must be between –5° and 40° Celsius (23° and 104° Fahrenheit).

Make sure there is good ventilation around the amplifier. Poor ventilation could cause over-heating and damage the amplifier.

Making Power Connections

Do not handle the power cord with wet hand.

Do not pull on the power cord to unplug the amplifier. Always pull the molded plug at the end of the cord instead.

Handling the Amplifier

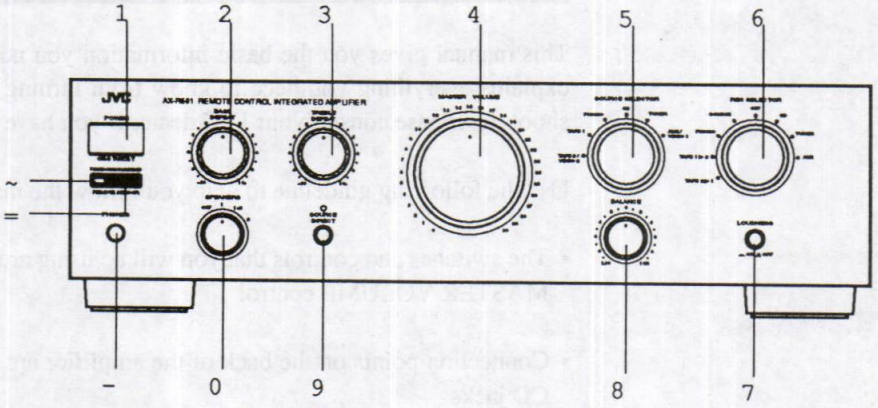
Do not insert any metallic object into the amplifier.

⚠**CAUTION!** To reduce risks, such as electric shocks or fires:
1. Do not remove screws, covers, or cabinet.
2. Do not expose this appliance to rain or moisture.

Names of Parts

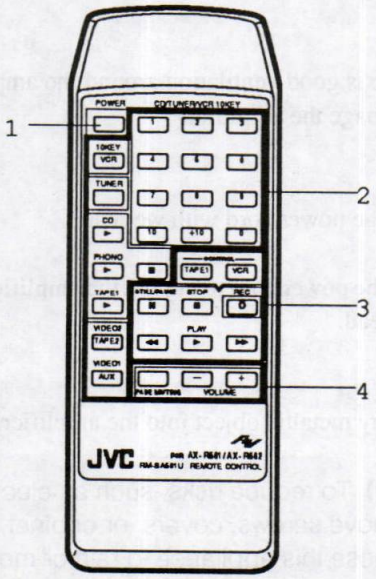
This chapter deals with the names of the switches and controls used for the operation. Page Nos. following the names indicate where the detailed description is given.

Main Unit of the Amplifier



1 POWER switch (page 8)
2 BASS control (page 11)
3 TREBLE control (page 11)
4 MASTER VOLUME control (page 10)
5 SOURCE SELECTOR switch (page 9)
6 REC SELECTOR switch (page 9)
7 LOUDNESS switch (page 11)
8 BALANCE control (page 10)
9 SOURCE DIRECT switch (page 11)
0 SPEAKERS switch (page 10)
– PHONES jack
= REMOTE SENSOR window
~ POWER STANDBY/RECEIVED indicator

Remote Controller



1 POWER switch (page 8)
2 Simple operation unit (page 13)
3 Extended operation unit (page 14)
4 Volume adjuster (page 10)

Preparation

This chapter deals with preparatory operations such as connecting the amplifier to other stereo equipment or speakers before use.

Connecting Stereo Equipment

Before Starting

The left channel of any stereo equipment must be connected to the left-channel jack of the amplifier, and the right channel to the right-channel jack. If they are reversed, the correct stereophonic image will not be generated.

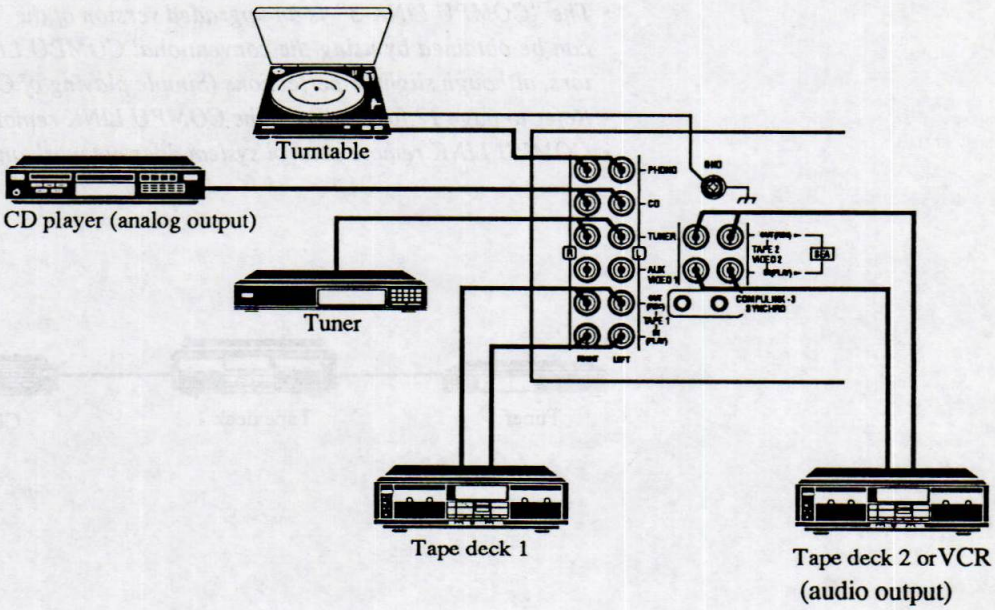
Note: *To ensure correct connections, insert the red plug into the red jack. (Red, by convention represents the right channel.)*

Basic Connections

Connect stereo equipment to the amplifier using cables with RCA PIN plugs. Connect the output jacks on a tape deck to the jacks marked IN (PLAY) on the amplifier, and the input jacks to those marked OUT (REC).

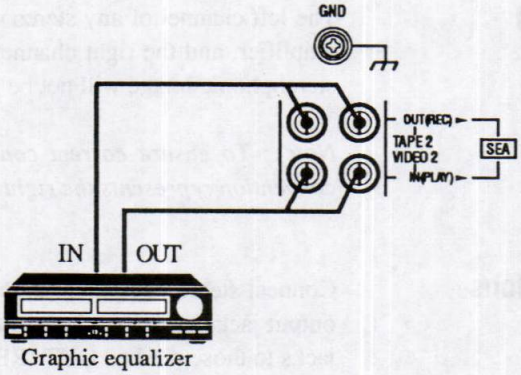
Notes:

- *Use the AUX/VIDEO 1 jacks to connect a TV receiver with audio output jacks or an stereo equipment other than those detailed below. A turntable, however cannot be connected to the AUX jacks.*
- *Connect a ground cable, if fitted to your turntable, to the screw marked GND on the rear panel.*
- *Any turntables incorporating a small-output cartridge such as an MC (moving-coil type) must be connected to this amplifier through a commercial head amplifier or step-up transformer. Direct connection may result in insufficient volume.*



Connecting a Graphic Equalizer

Instead of connecting a second tape deck, you can use a graphic equalizer. Connect the output jack of the graphic equalizer to the TAPE 2/VIDEO 2 jacks marked IN (PLAY), and the input jacks to the TAPE 2/VIDEO 2 jacks marked OUT (REC).
JVC's S.E.A. graphic equalizer is recommended.



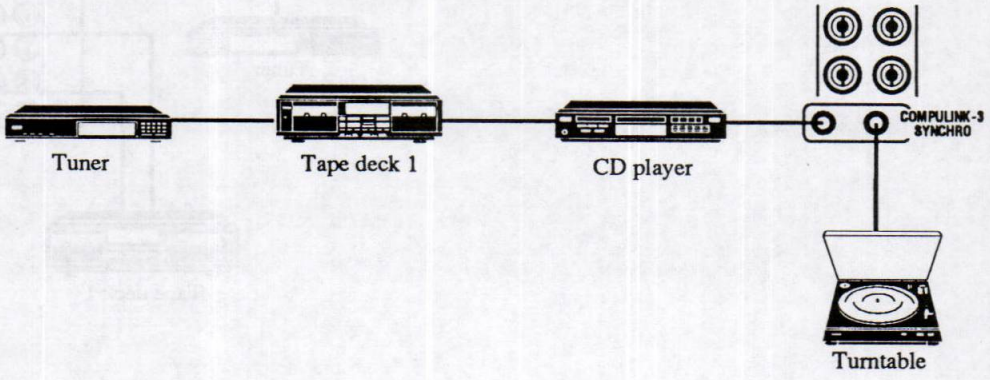
Graphic equalizer

Using the COMPU LINK-3 SYNCHRO jacks

COMPU LINK-3 SYNCHRO jacks on the back of the amplifier are provided for the COMPU LINK remote control system which interlocks each item of JVC audio equipment with another so that sounds can be heard or recorded easily. To avail oneself of this system's functions, make a connection between the COMPU LINK-3 SYNCHRO jacks of each equipment using the connection cables attached to the JVC source equipment.

Notes:

- *The "COMPU LINK-3" is an upgraded version of the "COMPU LINK-1". Similar results can be obtained by using the conventional COMPU LINK-1 SYNCHRO jacks as connectors, although slight imperfections (Simple playing of CD's) may be apparent.*
- *Refer to page 12 for details of the COMPU LINK remote control system.*
- *COMPU LINK remote control system does not work on the Tape deck 2.*



Connecting Speakers

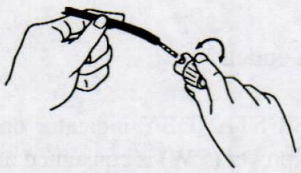
Before starting

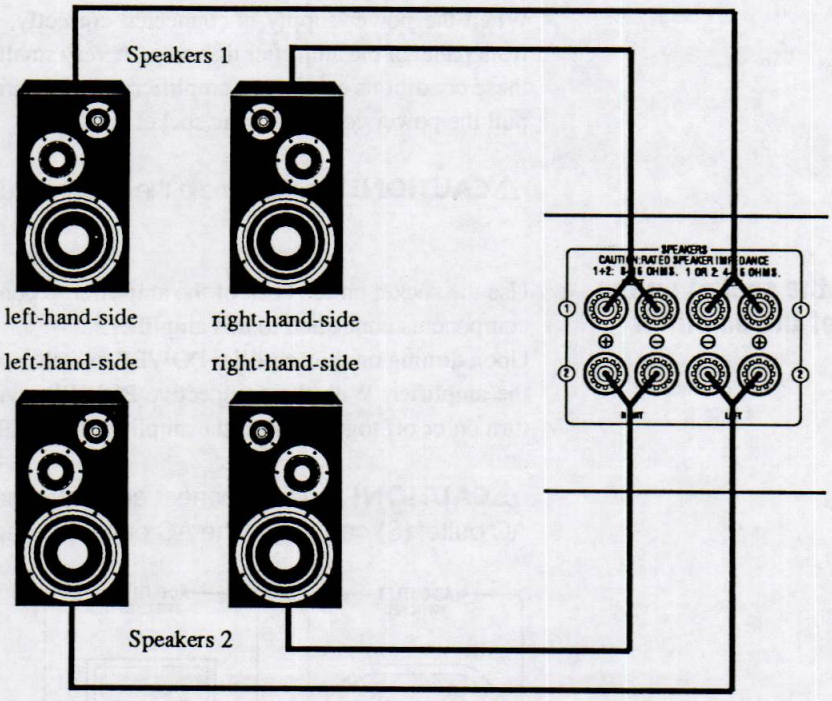
Up to two sets of speakers (four speakers in total) can be connected to the amplifier.

Note: Special care is needed in selecting the impedance of the speakers. Only speakers with an impedance of 4 to 16 ohms can be used with this amplifier. However, if two sets of speakers are used at the same time, do not use speakers with an impedance lower than 8 ohms.

Connecting speakers

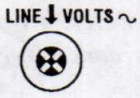
Rotate the screw counterclockwise to loosen the speaker terminals, and insert the speaker wire as shown on the left. Tighten the screw clockwise to fasten the speaker wire.





Connecting the Power Supply

Before starting



Check the back of the amplifier for any switches as illustrated on the left.

Amplifiers with a voltage selector switch are available according to the region. This voltage selector switch is used to adjust the amplifier power requirements so as to meet the voltage required in the region where the amplifier is to be used. Turn the switch using a Philips screwdriver and set it so that the arrowhead in "LINE ↓ VOLTS" indicates the supply voltage. Bear in mind incorrect setting may cause malfunction or damage.

⚠**CAUTION!** Be sure to set the voltage selector switch before connecting the power supply.

Connecting the Power Supply

After checking all the connections, insert power cord into an outlet.

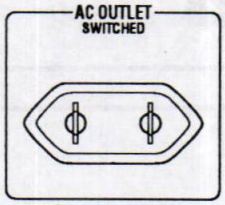
When the power supply is connected correctly, the POWER STANDBY indicator on the front panel of the amplifier lights up. A very small amount of power (5 W) is consumed under these conditions even if the amplifier remains turned off. To shut off the power completely, pull the power cord out of the socket.

⚠**CAUTION!** Do not handle the power cord with wet hands.

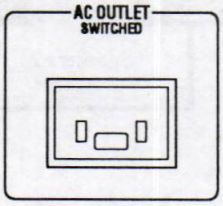
Using the socket on the back of the amplifier

Use the socket on the back of the amplifier to connect the power supply of any audio components connected to this amplifier.
Upon turning on the amplifier POWER switch, power is supplied to the socket on the back of the amplifier. With their respective POWER switches turned on, the connected equipment turn on or off together with the amplifier POWER switch.

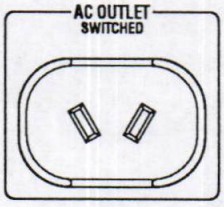
⚠**CAUTION!** Do not connect any equipment that consume more power than the AC outlet (S) capacity. The AC outlet (S) capacity is indicated near the socket.



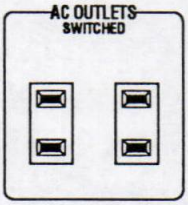
For Continental Europe



For the U.K.



For Australia



For other areas

Inserting Batteries into the Remote Controller

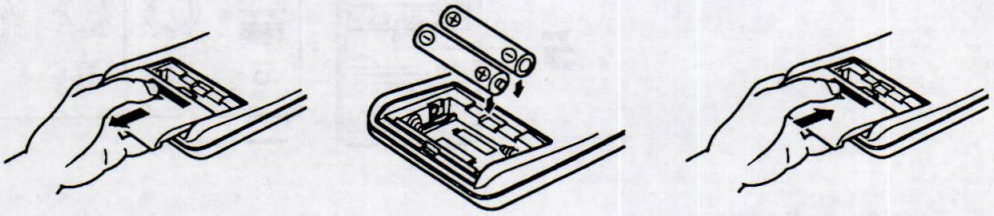
Before starting

The remote controller requires two batteries.
The remote controller and batteries are packaged together with the main unit of the amplifier.

Inserting batteries

Insert batteries into the remote controller as follows:

1. Slide the battery cover on the back of the remote controller while pressing it.
2. Insert battries in the remote controller. Make sure that they are oriented with the proper polarity; (+) to (+) and (–) to (–).
3. Slide the battery cover back.



Replacing the batteries

In the range of the remote controller decreases, it is time to replace the batteries. Use R03/AAA (24F)/UM-4 type dry cells.

Notes: Follow the precautions below to avoid leaking or cracking cells.

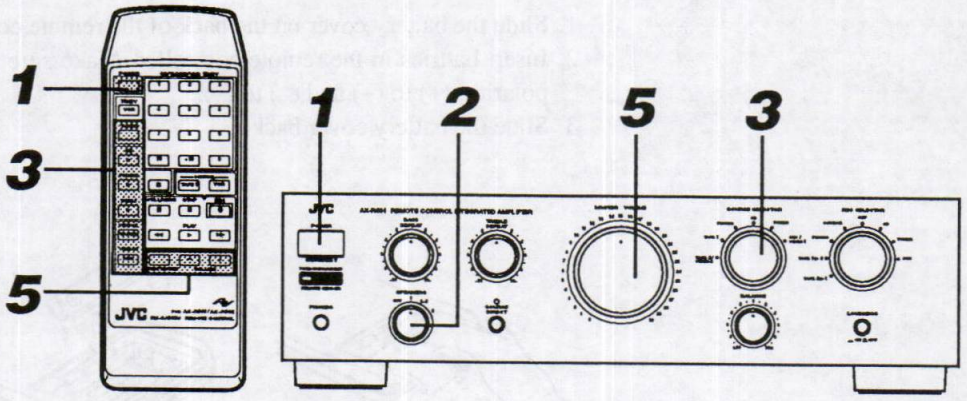
- *Orient batteries with proper polarity; (+) to (+) and (–) to (–).*
- *Use the correct type of batteries. (Batteries which look similar may differ in voltage.)*
- *Replace all two batteries.*
- *Do not attempt to heat or burn the batteries.*

Basic Operation

In order to listen to the source equipment after the amplifier is turned on, do as described in order below:

Operating Procedure

Important! *Operate the remote controller with its signal transmitting part pointed at the amplifier's remote sensor window. The remote controller is operable from a distance of up to 7 meters.*



1. Turning on the power

Press the POWER switch to turn on the amplifier.

The POWER STANDBY indicator turns off, and the SOURCE SELECTOR switch and the REC SELECTOR switch indicators light up, thereby indicating that the amplifier is turned on.

Note: Pressing the POWER switch again turns off the amplifier and lights the POWER STANDBY indicator.

2. Selecting a speaker (see page 10)

Use the SPEAKERS switch to choose between the two sets of speakers.
The headphones can be used by inserting the PHONES jack to the appropriate socket in the amplifier.

3. Selecting a source (see page 9)

In order to choose the source you wish to listen to, use the SOURCE SELECTOR switch on the main unit of the amplifier or the TUNER, CD, PHONO, TAPE 1, TAPE 2/VIDEO 2, AUX/VIDEO 1 switches on the remote controller.
Use the REC SELECTOR switch to select the source for recording.

4. Operating the source equipment (see page 12)

Operate the source equipment according to their respective instruction manuals.
If your audio source equipment is connected to COMPU LINK-3 SYNCHRO jacks of this amplifier, you can operate it with this amplifier's, remote controller.

5. Adjusting the volume and tone (see page 10)

Use the MASTER VOLUME control on the main unit of the amplifier or the VOLUME button on the remote controller to adjust the volume.
Apart from these controls, there are also various other functions that can be used to produce a desired volume or tone.

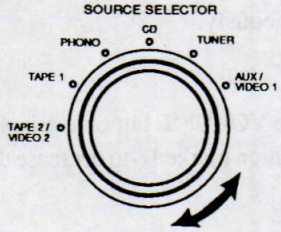
Selecting the Source

You can select the source you wish to hear or record from among the stereo equipment connected to the amplifier.

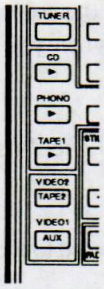
Selecting the Source You Wish to Hear

Selecting the Source You Wish to Hear

Use the SOURCE SELECTOR switch to choose the source. Indicator shows which source have been selected.



TAPE 2/VIDEO 2: Use this position to listen to the tape deck 2 or Video equipment connected to the TAPE 2/VIDEO 2 jacks.
TAPE 1: Use this position to listen to the tape deck 1.
PHONO: Use this position to listen to a record.
CD: Use this position to listen to a CD.
TUNER: Use this position to listen to the radio.
AUX/VIDEO 1: Use this position to listen to equipment connected to the amplifier's AUX/VIDEO 1 jacks.



Note: The dial can be revolved fully one rotation clockwise or counterclockwise.

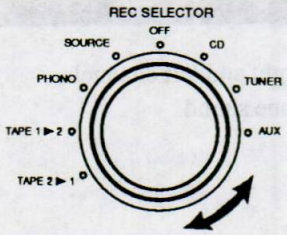
Operation using the remote controller:

The source you wish to listen to can also be selected using the remote controller. Press one of the six buttons on the left side of the remote controller: TUNER, CD (►), PHONO (►), TAPE 1 (►), TAPE 2 (VIDEO 2), AUX (VIDEO 1).

Selecting the Source for Recording

Selecting the Source for Recording

Use the REC SELECTOR switch to select the source for recording. Indicator shows which source have been selected.
Basically, the following two positions are used:



OFF: Use this position when recording is not required.
SOURCE: Use this position when recording is required.

The following six positions are available to record one source while listening to another source:

TAPE 2 ► 1: Use this position to record from the tape deck 2 or VIDEO equipment connected to the TAPE 2/VIDEO 2 jacks of the amplifier to the tape deck 1.
TAPE 1 ►2: Use this position to record from the tape deck 1 to the tape deck 2.
PHONO: Use this position to record from a record.
CD: Use this position to record from a CD.
TUNER: Use this position to record from the radio.
AUX/VIDEO 1: Use this position to record from the equipment connected to the amplifier's AUX/VIDEO 1 jacks.

Note: The dial can be revolved fully one rotation clockwise or counterclockwise.

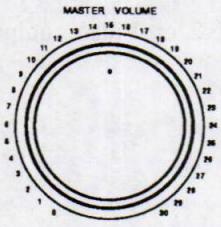
Adjusting the Volume and Tone

You can listen to the selected source at any desired volume and tone settings.

Note: The adjustments described here do not affect the recording.

Adjusting the Volume

Adjusting the Volume



Use the MASTER VOLUME control to adjust the volume from the left and right channels. Rotating the dial to the right raises the volume, and to the left lowers the level. The volume from both sets of speakers and the headphones changes simultaneously.

Operation using the remote controller:
Volume can also be adjusted using the remote controller. Press the VOLUME button marked + on the remote controller to increase the volume or the VOLUME button marked – to decrease the volume.

Muting the Sound

Pressing the FADE MUTING button on the remote controller decreases the volume continuously to the mute mode. Use this button to mute the sound quickly when you received a telephone call or a visitor.

Note: Pressing the button once may not be sufficient to mute high volume. In such cases, press it again.

Selecting the Speakers

Use the SPEAKERS switch to select from the two sets of speakers connected to the amplifier. (Speakers 1/Speakers 2)

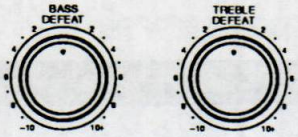
2: Use this position to use the Speakers 2.
1+2: Use this position to use both sets of speakers. (Speakers 1 and Speakers 2)
1: Use this position to use the Speakers 1.
OFF: Use this position to use the headphones only (with no output from the speakers).

Adjusting the Balance and the Volume

Adjusting Balance between the right and left

Use the BALANCE control to adjust the volume balance of the right and left channels. This applies not only to the speaker sound but also to the headphone sound.

Adjusting Bass and Treble



Use the BASS control to adjust a low-pitched sound and the TREBLE control to adjust a high-pitched sound. Turning either dial to the right intensifies the sound and turning to the left attenuates it. Setting the dial to "DEFEAT" leaves bass and treble unchanged.
Use these dials to adjust the tone as desired.

Listening at Low Volume Level

Our ears are not sensitive to low- and high-frequency sounds when the volume is low.
The Loudness control compensates for this hearing characteristic. It adjusts the bass and treble settings according to the level.
In order to use the loudness function, press the LOUDNESS switch setting it to the "▂ ON" mode (with the button depressed).
Pressing it again returns to the "▮ OFF" mode (with the button not depressed), and the loudness function is cancelled.

Using a Graphic Equalizer

If a graphic equalizer is connected to the TAPE 2/VIDEO 2 jacks on the rear panel further subtle tone adjustments become possible. To listen to sounds after processing by the graphic equalizer, set the REC SELECTOR switch to the desired source and the SOURCE SELECTOR switch to TAPE 2/VIDEO 2.

Reproducing More Realistic Sounds

Source Direct function

Source Direct function realizes amplification as close as to the original sound by shortening the signal route. Press the SOURCE DIRECT switch to use this function. The indicator at the top of the switch lights up, thereby indicating that the Source Direct function is turned on. Pressing the switch again cancels the function and turns off the indicator.
Use this function only when a satisfactory tone is being reproduced requiring no adjustment with the BALANCE control, the BASS control or the TREBLE control. Input signals selected by the SOURCE SELECTOR switch are output through the shortest possible route without passing through the BALANCE control circuit or the BASS control or TREBLE control circuit.

Notes: When the SOURCE DIRECT switch is ON, the following switches and controls do not function.

- *BALANCE control*
- *BASS control*
- *TREBLE control*

Operating the Source Equipment

COMPU LINK
Remote
Control System

The COMPU LINK remote control system automatically interlocks your audio equipment for simple operation.

COMPU LINK Remote Control System

Connecting the COPMU LINK SYNCHRO-3 jacks on the back of the amplifier to the audio equipment will enable you use the four functions below.

Equipment Remote Control

You can control the equipment via the REMOTE SENSOR on the amplifier using the amplifier's remote controller. For further details, see the next page.

Note: Direct the remote controller at the REMOTE SENSOR on the amplifier.

Automatic Source Selection

When the source equipment is set in the playing mode, the SOURCE SELECTOR switch on the amplifier is automatically set in the corresponding position. However, changing the SOURCE SELECTOR switch setting on the amplifier automatically brings the corresponding source equipment into the playing mode. The equipment previously in the playing mode stops playing after five seconds.

Synchronized Recording

As soon as a CD or record is set to play, the tape deck starts recording.
To use this feature, follow the procedure below.

1. Put a tape in the deck and a disk in the CD player or turntable.
2. Simultaneously press the REC and PAUSE button on the tape deck to put it the REC/PAUSE state. Press the REC button and PAUSE button together, or the synchronized recording feature will not operate.
3. Press the PLAY button on the CD player or turntable.
   As soon as the disk starts playing, the tape deck starts recording. When the disk end, the tape deck switches from the REC/PLAY mode to the REC/PAUSE mode, and stops four seconds later.

Notes:

- *The REC SELECTOR switch is locked to "CD" or "PHONE" during synchronized recording and therefore cannot be switched.*
- *If your CD player is operated in the PROGRAM mode, a 4-second mute is recorded between tracks to enable the music scan feature of your tape deck to work.*
- *If the power for any connected equipment is shut off during synchronized recording, the system will not operate properly. In this case, you must start all over again.*

Simple playing of CD's

To start playing, simply load the CD magazine into the CD changer-player.

Note: This function has been added to the "COMPULINK-3", an upgraded version of the "COMPULINK-1". Refer to the CD changer-player manual for details of this function.

Using the Remote Controller

By connecting the COMPU LINK jack to this amplifier, you can operate the audio source equipment with this amplifier's remote controller. Besides that, if your VCR is JVC product, you can operate it with this amplifier's remote controller.

Note: VCR is excluded from the COMPU LINK remote control system. When you operate the VCR, aim the remote controller at the VCR directly.

Simple Operation

The buttons on the simple operation unit are used to operate the CD player, turntable, cassette deck, tuner, or VCR.

Pressing the ► button or ■ button on the simple operation unit allows the **CD player**, **turntable** or **cassette deck** to start or stop playing. Operate as follows:

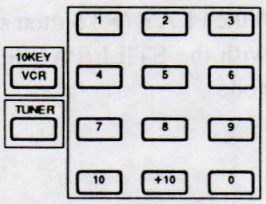
1. To operate the CD player, press the CD (►) button.
   —The CD player starts playing, and this can be stopped with the ■ button.
   At this point, the numeric buttons can also be used. Refer to step 2 for details.

   Press the PHONO (►) button to operate the turntable.
   —The turntable starts playing, and this can be stopped with the ■ button.

   Press the TAPE 1 (►) button to operate the cassette deck.
   —The cassette deck starts playing, and this can be stopped with the ■ button.

2. Pressing the CD (►) button brings the numeric buttons into the CD player mode. The track number can be specified using the numeric buttons.

Note: How to enter numbers with the numeric buttons differs according to the type of CD player. Refer to the instruction manual of your CD player for further information.



The **tuner's preset channel** and the **VCR's TV channel** can be set in the following manner using the numeric buttons on the simple operation unit:

1. To operate the tuner, press the TUNER button.
   —The Tuner becomes operable with the numeric buttons.

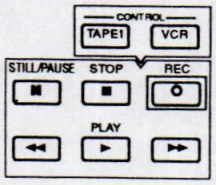
   To operate the VCR, press the 10 KEY (VCR) button.
   —The VCR becomes operable with the numeric buttons.

2. Enter numbers using the numeric buttons.

Note: The response of each tuner or VCR to the numeric button operation differs depending on their type. Refer to the instruction manual for your tuner or VCR for further information.

Extended Operation

The buttons on the extended operation unit are used to operate the cassette deck or the VCR. These buttons permit various operations that are impossible using the buttons on the simple operation unit to be performed.



Operate the **cassette deck** in the following manner:

1. Press the CONTROL button marked TAPE 1.
   The operation buttons are set to the cassette deck mode.

2. The following operation buttons are available:

STILL/PAUSE (II): Stops playing or recording temporarily.
Press the PLAY (►) button to return to the original mode.

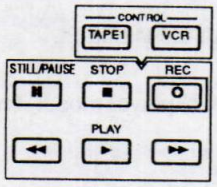
STOP (■): Stops operation.

REC (○): Pressing this button simultaneously with the PLAY (►) button starts recording.
Pressing it simultaneously with the STILL/PAUSE (II) button operates the recording standby mode.

◄◄: Fast winds the tape from right to left.

PLAY (►): Starts playing.

►►: Fast winds the tape from left to right.



Operate the **VCR** as follows:

1. Press the CONTROL button marked VCR.
   The operation buttons are set to the VCR mode.

2. The following operation buttons are available.

STILL/PAUSE (II): Pressing this button during the playing operation freezes the image.
Pressing it during the recording operation stops recording temporarily.
Press the PLAY (►) button to return to the original mode.

STOP (■): Stops operation.

REC (○): Pressing this button simultaneously with the PLAY (►) button starts recording. Pressing it simultaneously with the STILL/PAUSE (II) button operates the recording standby mode.

◄◄: Rewinds the tape.

PLAY (►): Starts playing.

►►: Fast forwards the tape.

TROUBLESHOOTING

Problem	Possible Cause	Solutions
Amplifier does not play.	Power cord not plugged in.	Plug Power cord into AC outlet.
No sound from any speakers.	SPEAKERS switch is set to OFF. The SOURCE SELECTOR switch is set incorrectly.	Turn SPEAKERS switch to ON. Select the desired source with the SOURCE SELECTOR switch.
Sound from one speaker only.	Speaker wires not connected properly. BALANCE control may be set to one extreme.	Check speaker wiring. Reconnect if needed. Adjust BALANCE control so both speakers have sound.
Howling during record playing.	Turntable too close to a speaker.	Move speakers away from the turntable.
Recording does not work.	The REC SELECTOR switch has been set incorrectly.	Set the REC SELECTOR switch to the desired source.

SPECIFICATIONS

Output Power
(IEC 268-3/DIN): 80 watts per channel into 4 ohms at 1 kHz with no more than 0.7% total harmonic distortion.
60 watts per channel into 8 ohms at 1 kHz with no more than 0.7% total harmonic distortion.

50 watts per channel, min. RMS, both channels driven into 8 ohms from 20 Hz to 20 kHz, with no more than 0.007% total harmonic distortion.

Total harmonic distortion
CD, TUNER, AUX/VIDEO 1, TAPE 1, TAPE 2/VIDEO 2 in
SPEAKERS out: 0.003*% at 55 watts (at 1 kHz, 8 ohms loaded)
0.007*% at 50 watts (from 20 Hz to 20 kHz, 8 ohms loaded)
PHONO in, SPEAKER out: 0.05% at 50 watts (from 20 Hz to 20 kHz, 8 ohms loaded –30 dB volume)

Damping Factor: 90 (at 1 kHz, 8 ohms loaded)

Power bandwidth: 5 Hz to 50 kHz (IHF, both channels driven into 8 ohms, with no more than 0.05% total harmonic distortion)

Signal-to-noise ratio ('66 IHF/DIN)
PHONO: 71 dB/67 dB
CD, TUNER, AUX/VIDEO 1, TAPE 1, TAPE 2/VIDEO 2: 100 dB/68 dB

Input Sensitivity/Impedance (1 kHz)
PHONO: 2.5 mV/47 k ohms
CD, TUNER, AUX/VIDEO 1, TAPE 1, TAPE 2/VIDEO 2: 200 mV/47 k ohms

Output Level/Impedance (1 kHz)
TAPE 1, TAPE 2/VIDEO 2: 200 mV /1 k ohms

Tone control range
BASS: ±8 dB at 100 Hz
TREBLE: ±8 dB at 10 kHz

Frequency Response (8 ohms): 5 Hz to 80 kHz (+0 dB, –3 dB)

PHONO overload capacity (PHONO in, TAPE 2 REC out): 100 mV (with no more than 0.02% total harmonic distortion).

RIAA phono equalization: ±0.3 dB (20 Hz to 20 kHz)

Power requirement/Power consumption
Continental Europe: AC 230 volts ∿, 50 Hz/220 watts
U.K., Australia: AC 240 volts ∿, 50 Hz/510 watts
Other Areas: AC110/127/220/240 volts ∿ selectable, 50/60 Hz/230 watts

Dimensions (W × H × D): 435 × 128 × 314 mm
17-3/16 × 5-1/16 × 12-3/8 inches

Weight: 7.7 kg
17.0 lbs

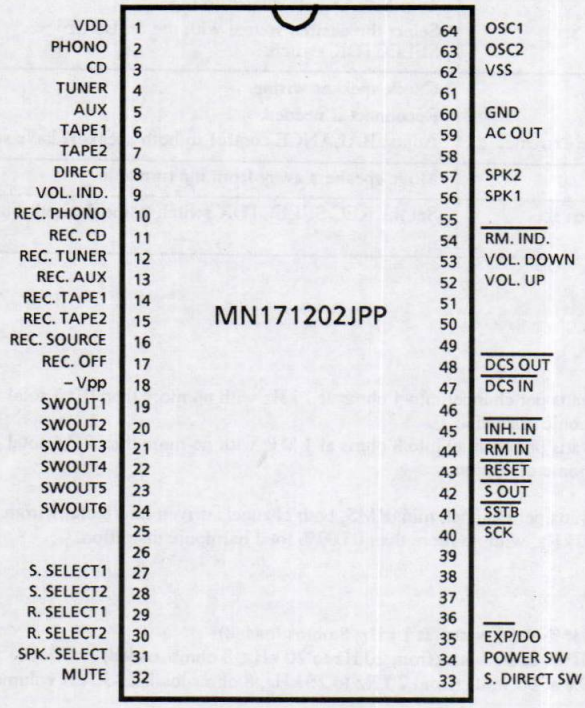
*Measured by JVC Audio Analysis System.

Design and Specifications subject to change without notice.

Description of Major ICs

■ MN171202JPP(IC201) : System Controller

1. Terminal Layout



2. Pin Function Description

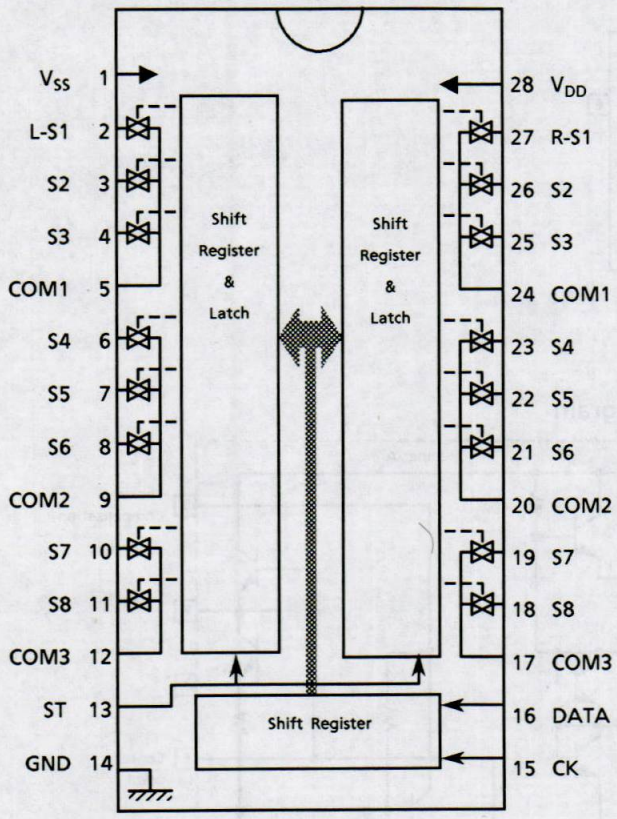
Pin NO.	Symbol	I/O	Function and Operations	Pin NO.	Symbol	I/O	Function and Operations
1	VDD	--	Power supply	33	S. DIRECT SW	I	Input from Source Direct Switch (S261)
2	PHONO	O	Source IND. – PHONO (D221)	34	POWER SW	I	Input from Power Switch (S271)
3	CD	O	Source IND. – CD (D222)	35	$\overline{\text{EXP/DO}}$	I	Chip select
4	TUNER	O	Source IND. – TUNER (D223)	36		--	Non connection
5	AUX	O	Source IND. – AUX / VIDEO1 (D224)	37		--	Non connection
6	TAPE1	O	Source IND. – TAPE1 (D225)	38		--	Non connection
7	TAPE2	O	Source IND. – TAPE2 / VIDEO2 (D226)	39		--	Non connection
8	DIRECT	O	Source Direct IND. (D451)	40	SCK	O	Clock for the Analog Switch (IC391,392)
9	VOL. IND.	O	Volume IND. (D442)	41	SSTB	O	Strobe for the Analog Switch (IC391,392)
10	REC. PHONO	O	REC. Selector IND. – PHONO (D241)	42	SOUT	O	Data for the Analog Switch (IC391,392)
11	REC. CD	O	REC. Selector IND. – CD (D242)	43	RESET	I	Input from Reset signal
12	REC. TUNER	O	REC. Selector IND. – TUNER (D243)	44	RM. IN	I	Input from the REMOTE SENSOR (IC271)
13	REC. AUX	O	REC. Selector IND. – AUX (D244)	45	INH. IN	I	Inhibit signal from the Reset IC (IC202)
14	REC. TAPE1	O	REC. Selector IND. – TAPE1 ▶ 2 (D245)	46		--	Non connection
15	REC. TAPE2	O	REC. Selector IND. – TAPE2 ▶ 1 (D246)	47	DCS IN	I	Input from Compulink signal
16	REC. SOURCE	O	REC. Selector IND. – SOURCE (D247)	48	DCS OUT	O	Output for Compulink signal
17	REC.OFF	O	REC. Selector IND. – OFF (D248)	49		--	Non connection
18	– Vpp	--	Power supply (– B)	50		--	Non connection
19	KEYOUT1	O	Rotary Switch Scan Out – 1	51		--	Non connection
20	KEYOUT2	O	Rotary Switch Scan Out – 2	52	VOL. UP	O	Output for the Volume UP Signal (IC441)
21	KEYOUT3	O	Rotary Switch Scan Out – 3	53	VOL. DOWN	O	Volume DOWN Signal (IC441)
22	KEYOUT4	O	Rotary Switch Scan Out – 4	54	RM. IND.	O	Remote Control IND. (D271)
23	KEYOUT5	O	Rotary Switch Scan Out – 5	55		--	Non connection
24	KEYOUT6	O	Rotary Switch Scan Out – 6	56	SPK1	O	Speaker Relay Control Signal (RY501)
25		--	Non connection	57	SPK2	O	Speaker Relay Control Signal (RY502)
26		--	Non connection	58		--	Non connection
27	S. SELECT1	I	Source Select Input – 1 (S261)	59	AC OUT	O	AC Relay Control Signal (RY001)
28	S. SELECT2	I	Source Select Input – 2 (S261)	60	GND	--	Connected to GND
29	R. SELECT1	I	REC. Select Input – 1 (S262)	61		--	Non connection
30	R. SELECT2	I	REC. Select Input – 2 (S262)	62	VSS	--	Connected to GND
31	SPK. SELECT	I	Speaker Select Input (S263)	63	OSC2	O	Clock oscillation Output
32	MUTE	O	Output for the Muting Signal (Q417,418)	64	OSC1	I	Clock oscillation Input

■TC9163N ,TC9164N(IC391, 392) : Analog Switch

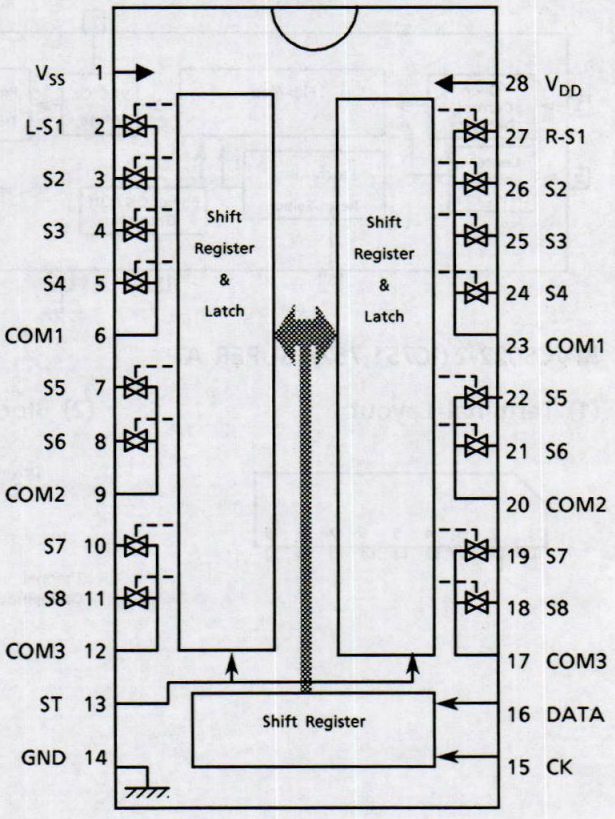
1. Functions
These analog switches are controlled by 14 bit serial date from computer for selecting the source.

2. Terminal Layout & Block diagram

TC9163N(IC391)



TC9164N(IC392)

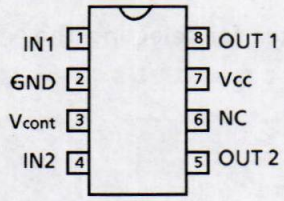


3. First 10bits are used to source select. Last 4 bits are chip select. The switches (S1~S8) are connected to common terminals (COM1~COM3) according to the DATA from computer.

	Switch Select bit								CH1 (L-S1~S8)	CH2 (R-S1~S8)	Chip Select bit			
	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14
TC9163N	The switch is ON when the data is "1".										1	0	0	0
TC9164N											0	1	0	0

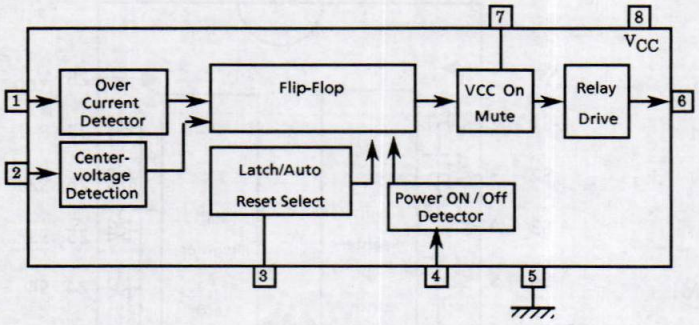
Internal Block Diagram of Other ICs

■ LB1639-CV (IC402) : Motor Driver



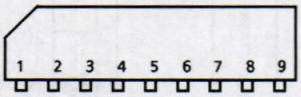
IN 1	IN 2	OUT 1	OUT 2	MOTOR
H	L	H	L	CLOCKWISE
L	H	L	H	COUNTER-CLOCKWISE
H	H	OFF	OFF	WAITING
L	L	OFF	OFF	WAITING

■ UPC1237HA (IC 901) : Protector, Relay Driver

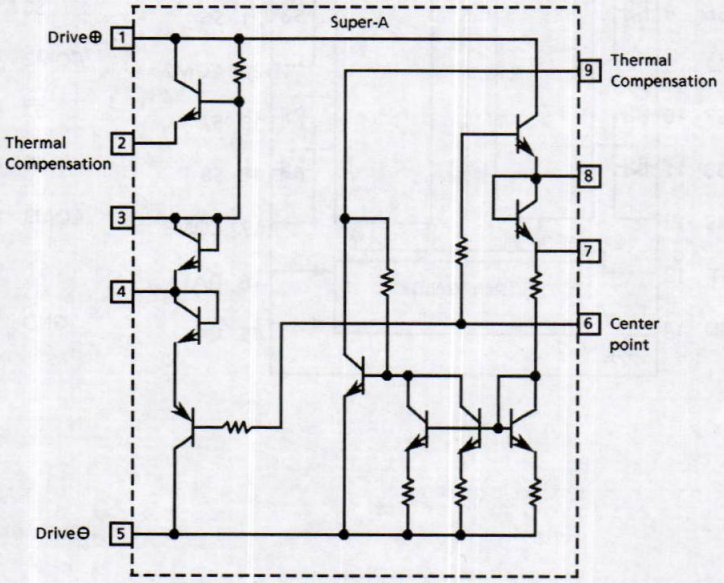


■ VC5022-2 (IC751,752): SUPER A

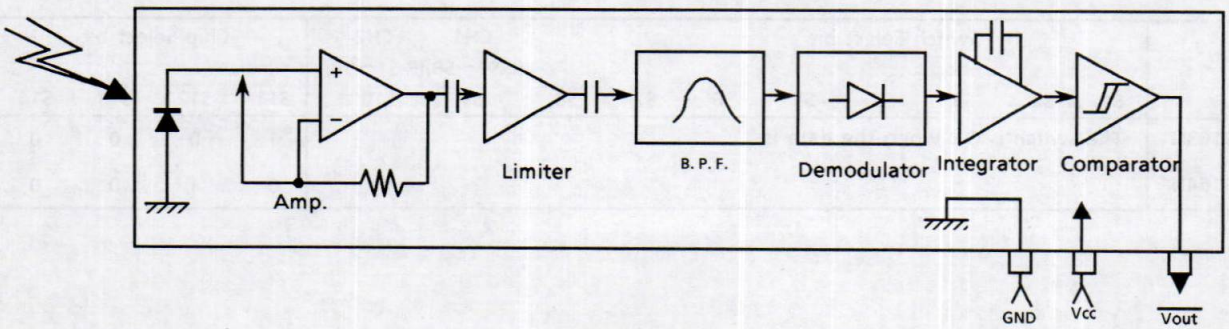
(1) Terminal Layout



(2) Block Diagram

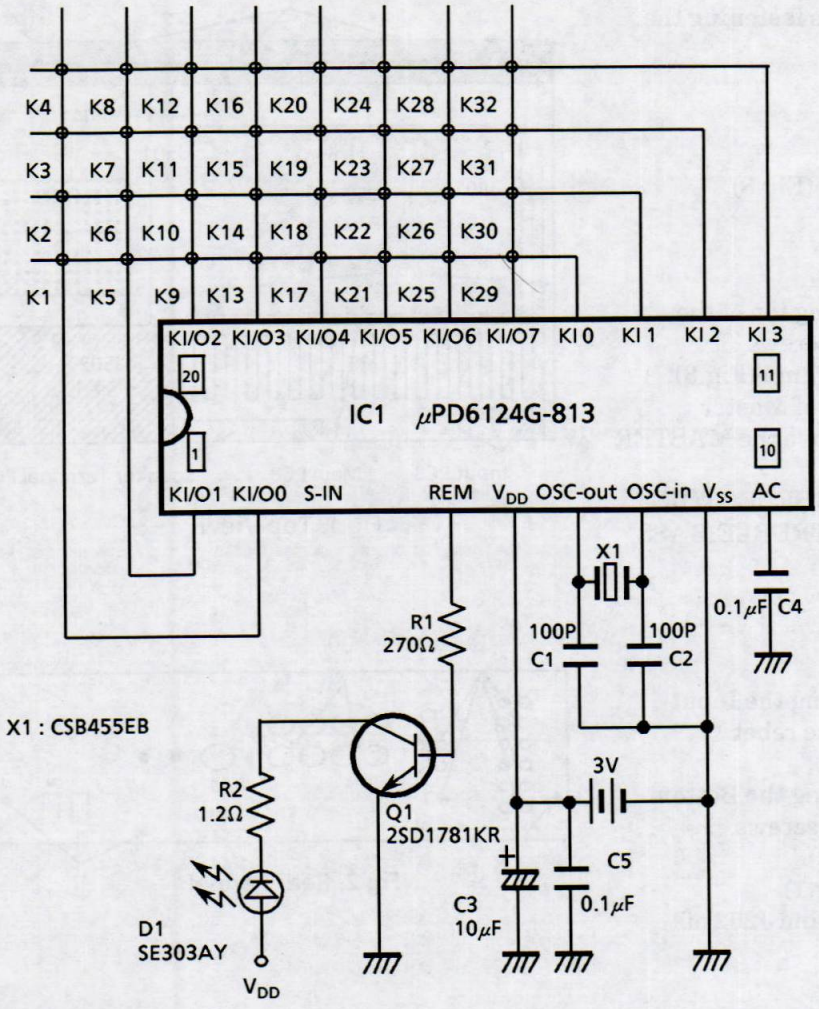


■ GP1U501X (IC271) : Receiver for remote controller



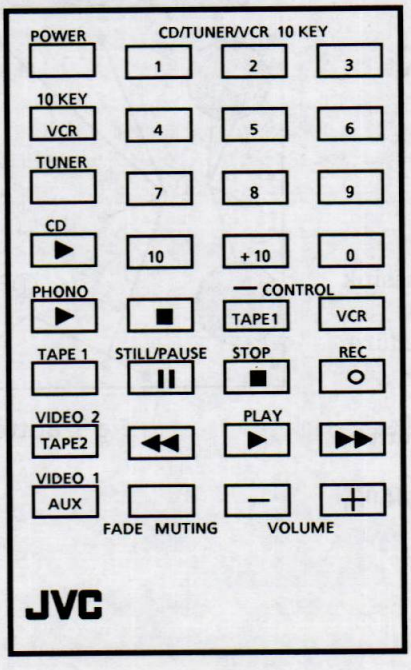
Remote Control Unit (RM-SA561U)

■Schematic Diagram



KEY NO.	KEY FUNCTION
1	3
2	2
3	1
4	POWER
5	6
6	5
7	4
8	TAPE 1 CONTROL
9	9
10	8
11	7
12	VCR CONTROL
13	0
14	+10
15	10
16	10 KEY VCR
17	■
18	VIDEO 1 AUX
19	TAPE 2 VIDEO 2
20	TUNER
21	REC ○
22	▶
23	STILL / PAUSE ⏸
24	CD ▶
25	▶▶
26	STOP ■
27	◀◀
28	PHONO ▶
29	VOLUME +
30	VOLUME -
31	FADE MUTING
32	TAPE 1 ▶

■ Key Layout



Disassembly Procedures

1. Removing the Top Cover

1) Remove the 4 screws fastening both sides of the Top Cover, and the 2 screws fastening the rear sides.
2) Remove the Top Cover.

2. Removing the Bottom Cover

1) Remove the 17 screws Ⓗ Ⓘ Ⓙ (Fig.3).
2) Remove the Bottom Cover.

3. Removing the Front Panel

1) Remove the 3 revets Ⓐ fastening top of the Front Panel (Fig.1) , and the 5screws Ⓖ fastening bottom of the Front Panel (Fig.3).
2) Disconnect the connector P441 of Master Volume PCB (Fig.1), then remove the MASTER VOLUME knob.
3) Remove the 6 knobs (SOURCE SELECTOR, REC SELECTOR,BALANCE,TREBLE,BASS, SPEAKERS knob).
4) Remove the Front Panel.

4. Removing the Input PCB

1) Remove the 5 screws Ⓓ fastening the Input Terminal (Fig.2) and release the rebet Ⓒ fastening the Input PCB (Fig.1).
2) Remove the 2 screws Ⓘ fastening the Bottom Cover (Fig.3) and remove the 3 screws Ⓔ fastening the Rear Panel (Fig.2).
3) Remove the connector J801(Fig.1).
4) Remove the 2 connectors P431 and J202 of the Input PCB.
5) Remove the Input PCB.

5. Removing the Speakers Terminal PCB

1) Remove the 2 screws Ⓕ fastening the Speakers Terminal (Fig.2).
2) Remove the 5 screws Ⓓ fastening the Input Terminal and remove the 3 screws Ⓔ fastening the Rear Panel (Fig.2).
3) Remove the Speakers Terminal PCB.

6.Remove the Main PCB with the Heatsink

1) Remove the 2 screws Ⓗ fastening the Heatsink (Fig.3).
2) Remove the Input PCB.(Refer to the procedure of item 4.)
3) Remove the 4 screws Ⓑ (Fig.1).
4) Remove the Speakers Terminal PCB.(Refer to the procedure of item 5.)
5) Remove the 6 connectors J801,J802,J501,J502, P701 and P702(Fig.1).
5) Remove the Main PCB with the Heatsink.

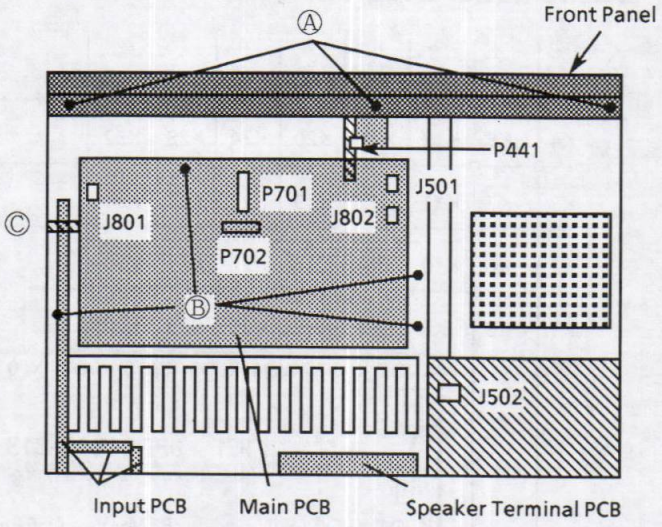


Fig 1. Top View

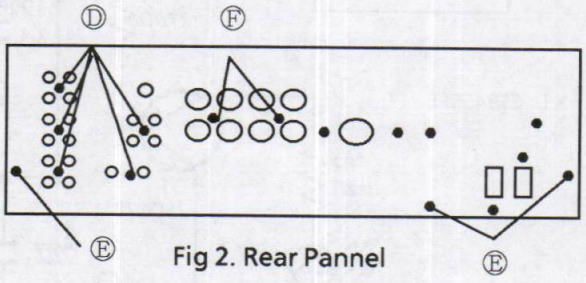


Fig 2. Rear Pannel

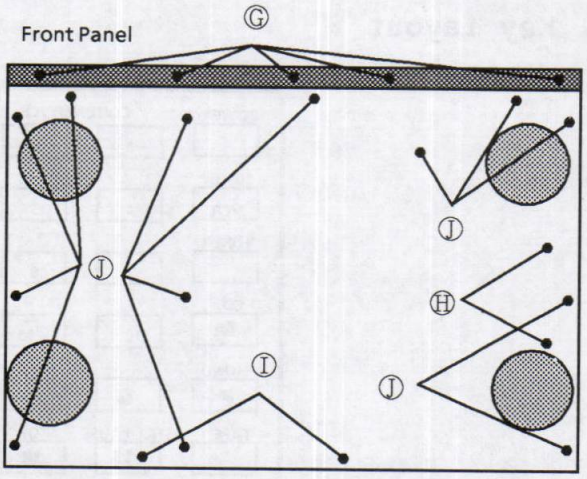
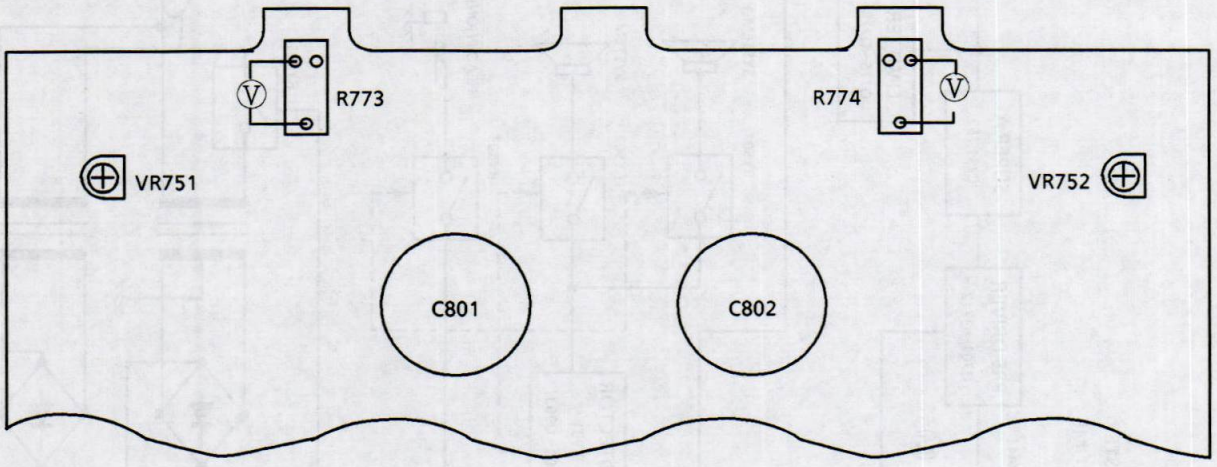


Fig 3. Bottom Cover

Power Amplifier Adjustment Procedures



■ Idling Current

(1) Set the volume control to minimum during this adjustment.

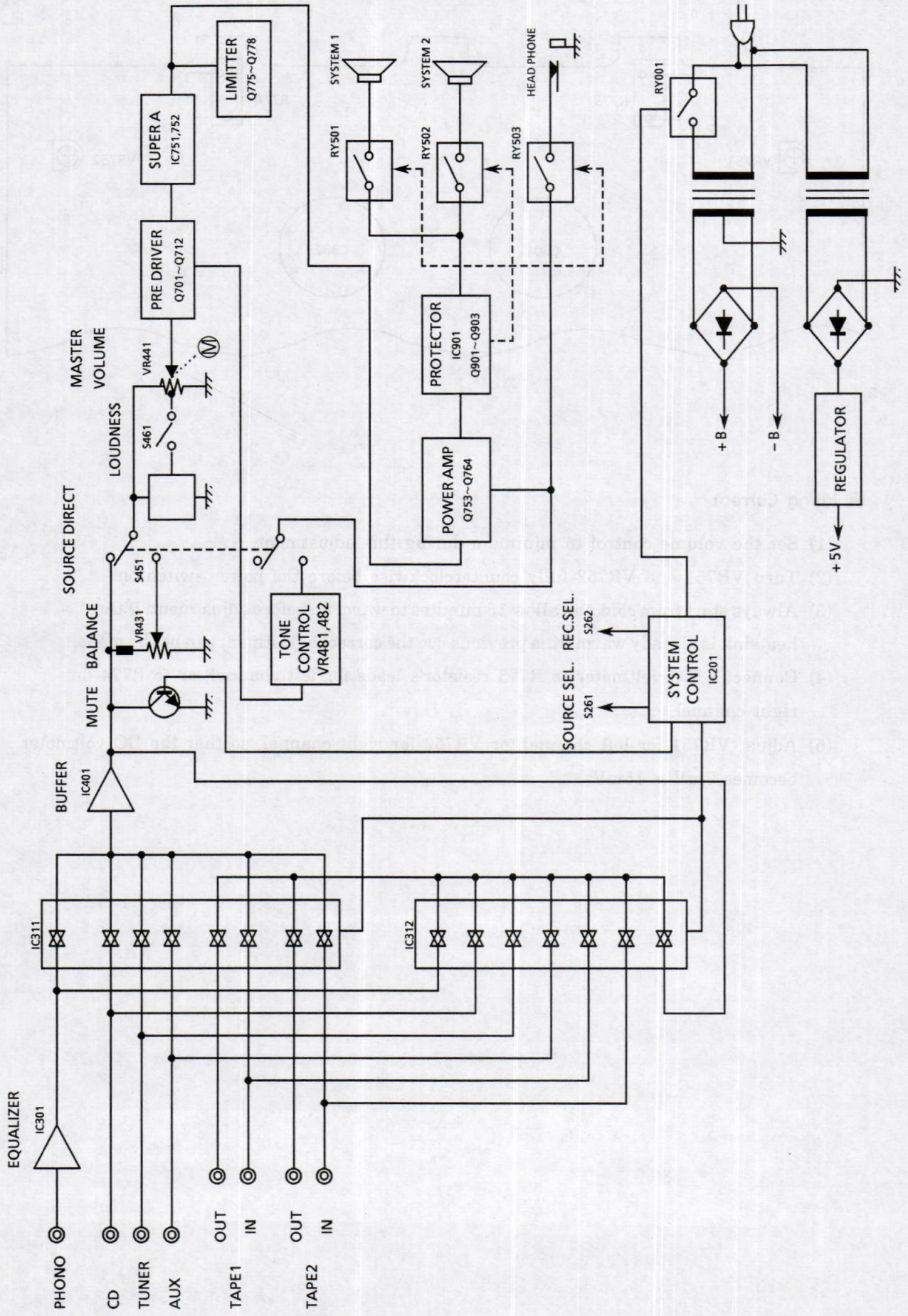
(2) Turn VR751 and VR752 fully counterclockwise before the power switch on.

(3) Always start from cold,and allow 15 minutes to warm up before adjustment. If the heatsink is already warm from previous use the correct adjustment can not be made.

(4) Connect a DC voltmeter to R773 resistor's leads for left channel, or to R774 for right channel.

(5) Adjust VR751 for left channel, or VR752 for right channel, so that the DC voltmeter becomes 7mV ~ 15mV.

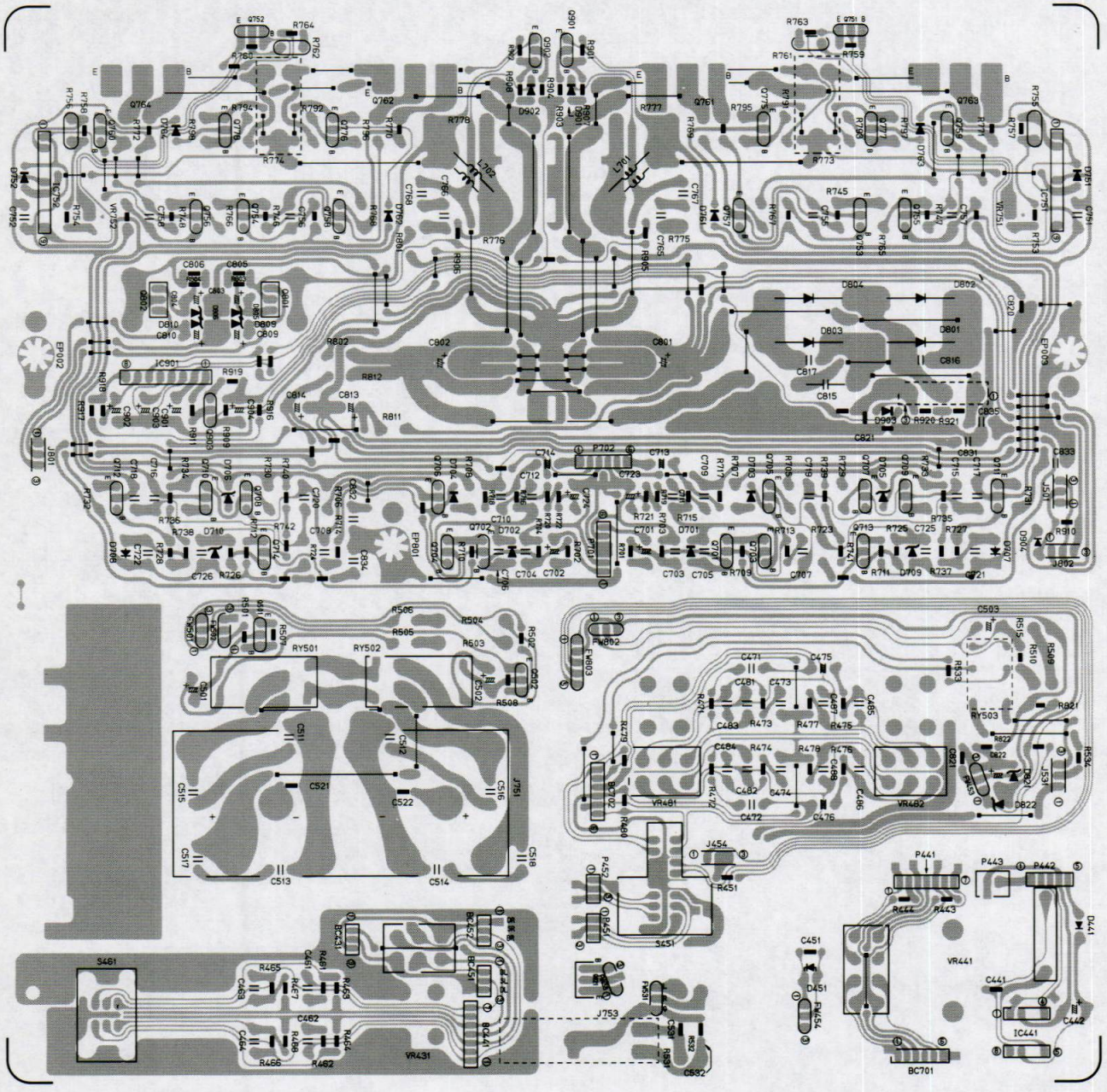
Block Diagram



■ Main Amplifier & Power Supply PCB (ENH-210)

Note: This PCB is used for **EXCEPT** units with following manufacturing and versions.

- AX-R561TN Continental Europe #12700001 ~ #12700521
  Universal Type #12700001 ~ #12700314
- AX-R562BK Continental Europe #12700001 ~ #12700520



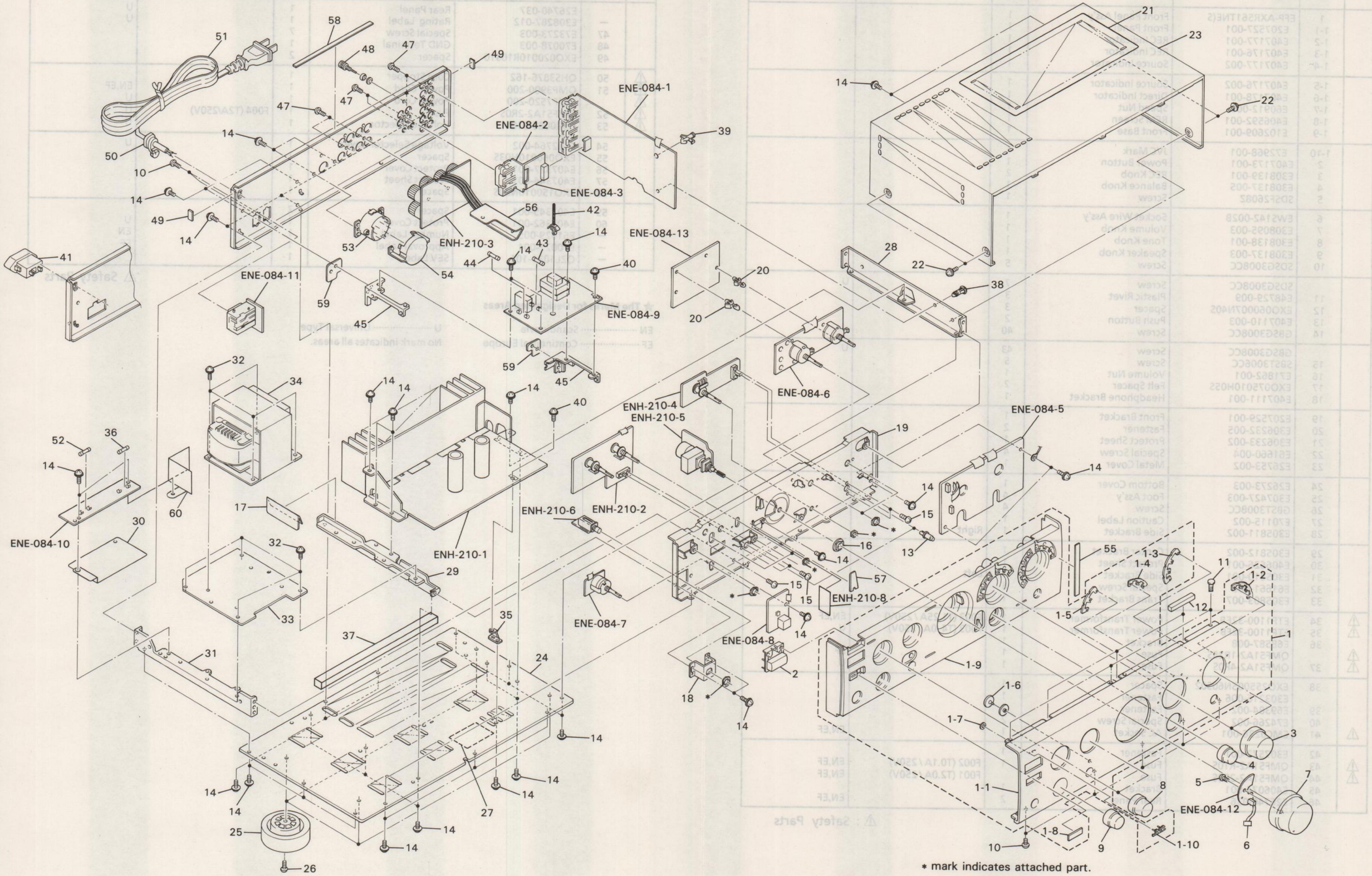
- MEMO -

PARTS LIST

Contents

AX-R561TN	AX-R561TN

General Exploded View and Parts List



* mark indicates attached part.

■ Parts List

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	EFP-AXR561TNE(S	Front Panel Ass'y	1		
	1-1	E207527-001	Front Panel	1		
	1-2	E407177-001	REC Indicator	1		
	1-3	E407176-001	REC Indicator	1		
	1-4	E407177-002	Source Indicator	1		
	1-5	E407176-002	Source Indicator	1		
	1-6	E407178-001	Direct Indicator	1		
	1-7	E60912-003	Speed Nut	1		
	1-8	E406592-001	REM Screen	1		
	1-9	E102609-001	Front Base	1		
	1-10	E72968-001	JVC Mark	1		
	2	E407173-001	Power Button	1		
	3	E308139-001	REC Knob	2		
	4	E308137-005	Balance Knob	1		
	5	SDSF2608Z	Screw	1		
	6	EWS142-002B	Socket Wire Ass'y	1		
	7	E308095-003	Volume Knob	1		
	8	E308138-001	Tone Knob	1		
	9	E308137-003	Speaker Knob	1		
	10	SDSG3008CC	Screw	5		
		SDSG3008CC	Screw	7		U
	11	E48729-009	Plastic Rivet	3		
	12	EXO060007N40S	Spacer	3		
	13	E407110-003	Push Button	2		
	14	GBSG3008CC	Screw	40		
		GBSG3008CC	Screw	43		U
	15	SBST3006CC	Screw	5		
	16	E71862-001	Volume Nut	1		
	17	EXO075010H05S	Felt Spacer	2		
	18	E407111-001	Headphone Bracket	1		
	19	E207529-001	Front Bracket	1		
	20	E306232-005	Fastener	2		
	21	E306233-002	Protect Sheet	1		
	22	E61660-004	Special Screw	4		
	23	E26753-002	Metal Cover	1		
	24	E26273-003	Bottom Cover	1		
	25	E307427-003	Foot Ass'y	4		
	26	GBST3008CC	Screw	4		
	27	E70115-002	Caution Label	1		
	28	E305811-002	Side Bracket	1	Right	
	29	E305812-002	Center Bracket	1		
	30	E406626-001	Protect Sheet	1		
	31	E305810-001	Side Bracket	1	Left	
	32	E61661-005	Special Screw	8		
	33	E305803-007	Trans Bracket	1		
⚠	34	ETP1100-32EB	Power Transformer	1	F003 (T1.25A / 250V)	EN,EF
⚠	35	ETP1100-32FB	Power Transformer	1	F003 (T4 .0A / 250V)	U
	36	E68587-008	Bracket	1		
⚠		QMF51A2-1R25S	Fuse	1		EF
⚠	37	QMF51A2-4R0S	Fuse	1		U
	38	EXO255005N60S02	Spacer	1		
		E303216-006	Fastener	1		
	39	E69384-002	Fastener	1		
	40	E74266-002	Special Screw	2		
⚠	41	EMC0236-001	AC Socket	1		EN,EF
	42	E307572-001	Fastener	1		
⚠	43	QMF51A2-R10S	Fuse	1	F002 (T0.1A / 250V)	EN,EF
⚠	44	QMF51A2-2R0S	Fuse		F001 (T2.0A / 250V)	EN,EF
	45	E406074-001	Bracket	1		
	46	E26740-036	Rear Panel	2		EN,EF

⚠ : Safety Parts

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
		E26740-037	Rear Panel	1		U
	—	E308287-012	Rating Label	1		U
	47	E73273-003	Special Screw	7		
	48	E70078-003	GND Terminal	1		
	49	EXO020010R10S10	Spacer	2		
⚠	50	QHS3876-162	Cord Stopper	1		
⚠	51	QMP3900-200	Power Cord	1		EN,EF
⚠		QMP7520-200	Power Cord	1		U
⚠	52	QMF51A2-2R0S	Fuse	1	F004 (T2A/250V)	U
⚠	53	QSR0085-018	Voltage Selector	1		U
	54	E302764-002	Voltage Selector Cover	1		U
	55	EXO060010H03S	Spacer	1		
	56	E407327-001	Protect Cover	1		
	57	E407344-001	Protect Sheet	1		
	58	EXO150010N20S	Spacer	1		
	59	E407345-001	Spacer	2		
	60	E407362-001	Protect Cover	1		U
	—	E61029-005	Number Label	1		EN
	—	E70027-001	Approval Label	1		EF
	—	QZL1031-101	SEV Label	1		

⚠ Safety Parts

★ The Marks for Designated Areas

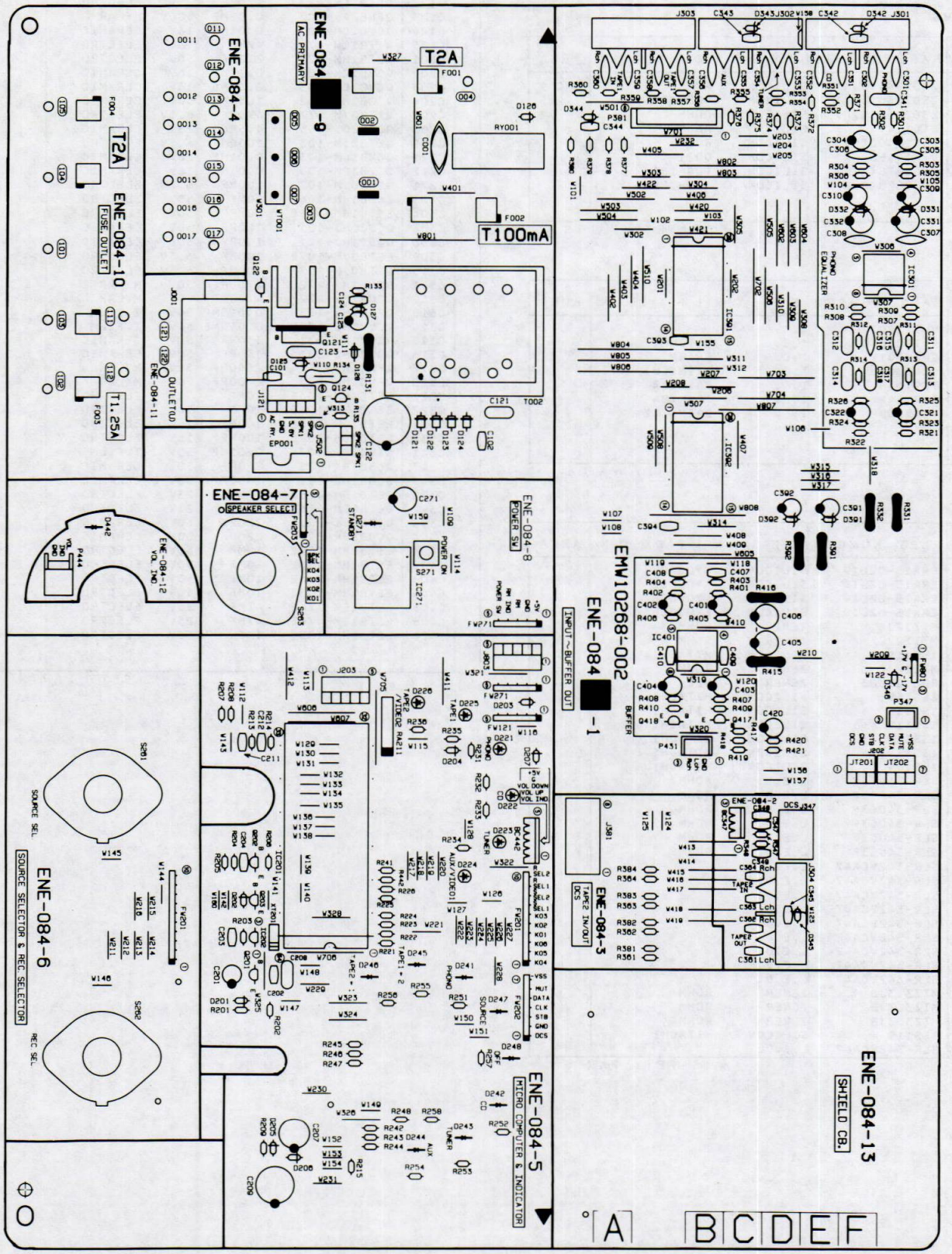
EN ..... Scandinavia
EF ..... Continental Europe
U ..... Universal Type
No mark indicates all areas.

Printed Circuit Board Ass'y and Parts List

■ENE-084 □ Input & Front PC Board

Note : ENE-084 □ varies according to the areas employed. See note (1) when placing an order.

※ All printed circuit board assemblies are not arailable as service parts.



Note (1)

PC Board Ass'y	Designated Areas
ENE-084 [B]	Scandinavia
ENE-084 [F]	Continental Europe
ENE-084 [C]	Universal Type

Transistors

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	Q121	2SD1944(J,K)	SILICON	ROHM	C
	Q122	2SC2235(O,Y)	SILICON	TOSHIBA	
	Q124	2SC2060(Q,R)	SILICON	ROHM	
	Q201	DTC114YS	SILICON	ROHM	
	Q202	2SC1740S(R,S)	SILICON	ROHM	
	Q203	DTA124ES	SILICON	0021	
	Q417	2SC2878(A,B)	SILICON	TOSHIBA	
	Q418	2SC2878(A,B)	SILICON	TOSHIBA	

⚠ : SAFETY PARTS

I.C.s

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	IC201	MN171202JPP	I.C.		
	IC202	PST7046TO	I.C.	MITSUMI	
	IC271	GP1U501X	I.C.	SHARP	
	IC301	VC4580DD	I.C.	DAINICHI	
	IC391	TC9163N	I.C.	TOSHIBA	
	IC392	TC9164N	I.C.	TOSHIBA	
	IC401	VC4580D	I.C.	DAINICHI	

⚠ : SAFETY PARTS

Diodes

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
⚠	D121	ERA15-02L19	SILICON	KYOUDOU	
⚠	D122	ERA15-02L19	SILICON	KYOUDOU	
⚠	D123	ERA15-02L19	SILICON	KYOUDOU	
⚠	D124	ERA15-02L19	SILICON	KYOUDOU	
	D125	MTZ12JC	ZENER	ROHM	C
	D126	MTZ12JC	ZENER	ROHM	B
	D126	1SS119	SILICON	HITACHI	C
	D126	MTZ12JC	ZENER	ROHM	F
	D127	RD6.2JSB3	ZENER	NEC	
	D201	1SS119	SILICON	HITACHI	
	D202	1SS119	SILICON	HITACHI	
	D203	1SS119	SILICON	HITACHI	
	D204	1SS119	SILICON	HITACHI	
	D205	1SS119	SILICON	HITACHI	
	D207	1SS119	SILICON	HITACHI	
	D221	SLR-34DC3F	L.E.D.	ROHM	
	D222	SLR-34DC3F	L.E.D.	ROHM	
	D223	SLR-34DC3F	L.E.D.	ROHM	
	D224	SLR-34DC3F	L.E.D.	ROHM	
	D225	SLR-34DC3F	L.E.D.	ROHM	
	D226	SLR-34DC3F	L.E.D.	ROHM	
	D241	SLR-342VCA47	L.E.D.		
	D242	SLR-342VCA47	L.E.D.		
	D243	SLR-342VCA47	L.E.D.		
	D244	SLR-342VCA47	L.E.D.		
	D245	SLR-342VCA47	L.E.D.		
	D246	SLR-342VCA47	L.E.D.		
	D247	SLR-342VCA47	L.E.D.		
	D248	SLR-342VCA47	L.E.D.		
	D271	SLR-342VCA47	L.E.D.		
	D342	MTZ3.3JB	ZENER	ROHM	
	D345	MTZ3.3JB	ZENER	ROHM	
	D346	MTZ3.3JB	ZENER	ROHM	
	D348	1SS119	SILICON	HITACHI	
	D442	SLR-342VCA47	L.E.D.		

⚠ : SAFETY PARTS

Capacitors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
⚠	C001	QCZ9050-103A	0.01MF		CERAMIC	
	C101	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C121	QFN81HJ-473	0.047MF	50V	MYLAR	B
	C121	QFN32AJ-473Z	0.047MF	100V	MYLAR	C
	C121	QFN81HJ-473	0.047MF	50V	MYLAR	F
	C122	QETB1EM-477	470MF	25V	ELECTRO	B
	C122	QETB1JM-477	470MF	63V	ELECTRO	C
	C122	QETB1EM-477	470MF	25V	ELECTRO	F
	C123	QFN82AJ-103	0.01MF	100V	MYLAR	C
	C124	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C125	QETB1CM-476	47MF	16V	ELECTRO	
	C201	QETB1HM-225	2.2MF	50V	ELECTRO	
	C202	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C203	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C204	QCGB1HK-102	1000PF	50V	CERAMIC	
	C207	QETB0JM-477	470MF	6.3V	ELECTRO	
	C208	QCZ0205-155	1.5MF	25V	CERAMIC	
	C209	QETB0JM-108	1000MF	6.3V	ELECTRO	
	C211	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C212	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C271	QER50JM-107	100MF	6.3V	ELECTRO	
	C303	EETB1HM-106E	10MF	50V	ELECTRO	
	C304	EETB1HM-106E	10MF	50V	ELECTRO	
	C307	QCS21HJ-101	100PF	50V	CERAMIC	
	C308	QCS21HJ-101	100PF	50V	CERAMIC	
	C309	EETB0JM-107E	100MF	6.3V	ELECTRO	
	C310	EETB0JM-107E	100MF	6.3V	ELECTRO	
	C311	QFN81HJ-472	4700PF	50V	MYLAR	
	C312	QFN81HJ-472	4700PF	50V	MYLAR	
	C313	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C314	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C315	QCS21HJ-331	330PF	50V	CERAMIC	
	C316	QCS21HJ-331	330PF	50V	CERAMIC	
	C317	QFN81HJ-272	2700PF	50V	MYLAR	
	C318	QFN81HJ-272	2700PF	50V	MYLAR	
	C321	EETB1HM-106E	10MF	50V	ELECTRO	
	C322	EETB1HM-106E	10MF	50V	ELECTRO	
	C331	EETB1CM-107E	100MF	16V	ELECTRO	
	C332	EETB1CM-107E	100MF	16V	ELECTRO	
	C341	QFVB1HJ-103N	0.01MF	50V	T.FILM	
	C347	QCBB1HK-221	220PF	50V	CERAMIC	
	C349	QCGB1HK-102	1000PF	50V	CERAMIC	
	C391	EETB1EM-476E	47MF	25V	ELECTRO	
	C392	EETB1EM-476E	47MF	25V	ELECTRO	
	C393	QCBB1HK-221	220PF	50V	CERAMIC	
	C394	QCBB1HK-221	220PF	50V	CERAMIC	
	C401	EETB1HM-106E	10MF	50V	ELECTRO	
	C402	EETB1HM-106E	10MF	50V	ELECTRO	
	C403	EETB1HM-106E	10MF	50V	ELECTRO	
	C404	EETB1HM-106E	10MF	50V	ELECTRO	
	C405	EETB1EM-476E	47MF	25V	ELECTRO	
	C406	EETB1EM-476E	47MF	25V	ELECTRO	
	C420	EETB1HM-105E	1MF	50V	ELECTRO	

⚠ : SAFETY PARTS

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
⚠	R131	QRZ0077-120	12	1/4W	FUSIBLE	B
⚠	R131	QRZ0077-100	10	1/4W	FUSIBLE	C
⚠	R131	QRZ0077-120	12	1/4W	FUSIBLE	F
	R133	QRD167J-152	1.5K	1/6W	CARBON	
⚠	R134	QRG012J-472A	4.7K	1W	O.M.FILM	C
	R135	QRD167J-102	1K	1/6W	CARBON	
	R201	QRD167J-104	100K	1/6W	CARBON	
	R202	QRD167J-103	10K	1/6W	CARBON	
	R203	QRD167J-102	1K	1/6W	CARBON	
	R204	QRD167J-223	22K	1/6W	CARBON	
	R205	QRD167J-473	47K	1/6W	CARBON	
	R206	QRD167J-473	47K	1/6W	CARBON	
	R207	QRD167J-331	330	1/6W	CARBON	
	R208	QRD167J-331	330	1/6W	CARBON	
	R209	QRD161J-221	220	1/6W	CARBON	
	R213	QRD167J-103	10K	1/6W	CARBON	
	R214	QRD167J-103	10K	1/6W	CARBON	
	R215	QRD167J-102	1K	1/6W	CARBON	
	R221	QRD161J-221	220	1/6W	CARBON	
	R222	QRD161J-221	220	1/6W	CARBON	
	R223	QRD161J-221	220	1/6W	CARBON	
	R224	QRD161J-221	220	1/6W	CARBON	
	R225	QRD161J-221	220	1/6W	CARBON	
	R226	QRD161J-221	220	1/6W	CARBON	
	R241	QRD167J-331	330	1/6W	CARBON	
	R242	QRD167J-331	330	1/6W	CARBON	
	R243	QRD167J-331	330	1/6W	CARBON	
	R244	QRD167J-331	330	1/6W	CARBON	
	R245	QRD167J-331	330	1/6W	CARBON	
	R246	QRD167J-331	330	1/6W	CARBON	
	R247	QRD167J-331	330	1/6W	CARBON	
	R248	QRD167J-331	330	1/6W	CARBON	
	R301	QRD167J-222	2.2K	1/6W	CARBON	
	R302	QRD167J-222	2.2K	1/6W	CARBON	
	R303	QRD167J-473	47K	1/6W	CARBON	
	R304	QRD167J-473	47K	1/6W	CARBON	
	R305	QRD167J-241	240	1/6W	CARBON	
	R306	QRD167J-241	240	1/6W	CARBON	
	R307	QRD167J-125	1.2M	1/6W	CARBON	
	R308	QRD167J-125	1.2M	1/6W	CARBON	
	R309	QRD167J-125	1.2M	1/6W	CARBON	
	R310	QRD167J-125	1.2M	1/6W	CARBON	
	R311	QRD167J-153	15K	1/6W	CARBON	
	R312	QRD167J-153	15K	1/6W	CARBON	
	R313	QRD167J-204	200K	1/6W	CARBON	
	R314	QRD167J-204	200K	1/6W	CARBON	
	R321	QRD167J-471	470	1/6W	CARBON	
	R322	QRD167J-471	470	1/6W	CARBON	
	R323	QRD167J-104	100K	1/6W	CARBON	
	R324	QRD167J-104	100K	1/6W	CARBON	
	R325	QRD167J-104	100K	1/6W	CARBON	
	R326	QRD167J-104	100K	1/6W	CARBON	
⚠	R331	QRD14CJ-471S	470	1/4W	UNF.CARBON	
⚠	R332	QRD14CJ-471S	470	1/4W	UNF.CARBON	
	R347	QRD161J-221	220	1/6W	CARBON	
	R348	QRD167J-471	470	1/6W	CARBON	
	R351	QRD167J-563	56K	1/6W	CARBON	
	R352	QRD167J-563	56K	1/6W	CARBON	
	R353	QRD167J-563	56K	1/6W	CARBON	
	R354	QRD167J-563	56K	1/6W	CARBON	
	R355	QRD167J-563	56K	1/6W	CARBON	
	R356	QRD167J-563	56K	1/6W	CARBON	
	R357	QRD167J-105	1M	1/6W	CARBON	
	R358	QRD167J-105	1M	1/6W	CARBON	
	R359	QRD167J-563	56K	1/6W	CARBON	
	R360	QRD167J-563	56K	1/6W	CARBON	
	R361	QRD167J-105	1M	1/6W	CARBON	
	R362	QRD167J-105	1M	1/6W	CARBON	
	R363	QRD167J-563	56K	1/6W	CARBON	
	R364	QRD167J-563	56K	1/6W	CARBON	
	R371	QRD167J-331	330	1/6W	CARBON	
	R372	QRD167J-331	330	1/6W	CARBON	
	R373	QRD167J-331	330	1/6W	CARBON	
	R374	QRD167J-331	330	1/6W	CARBON	
	R375	QRD167J-331	330	1/6W	CARBON	
	R376	QRD167J-331	330	1/6W	CARBON	
	R377	QRD167J-331	330	1/6W	CARBON	
	R378	QRD167J-331	330	1/6W	CARBON	
	R379	QRD167J-331	330	1/6W	CARBON	
	R380	QRD167J-331	330	1/6W	CARBON	
	R381	QRD167J-331	330	1/6W	CARBON	
	R382	QRD167J-331	330	1/6W	CARBON	
	R383	QRD167J-331	330	1/6W	CARBON	
	R384	QRD167J-331	330	1/6W	CARBON	
⚠	R391	QRD14CJ-681S	680	1/4W	UNF.CARBON	
⚠	R392	QRD14CJ-681S	680	1/4W	UNF.CARBON	
	R401	QRD167J-101	100	1/6W	CARBON	
	R402	QRD167J-101	100	1/6W	CARBON	
	R403	QRD167J-474	470K	1/6W	CARBON	
	R404	QRD167J-474	470K	1/6W	CARBON	

⚠ : SAFETY PARTS

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	R405	QRD167J-474	470K	1/6W	CARBON	
	R406	QRD167J-474	470K	1/6W	CARBON	
	R407	QRD167J-104	100K	1/6W	CARBON	
	R408	QRD167J-104	100K	1/6W	CARBON	
	R409	QRD167J-471	470	1/6W	CARBON	
	R410	QRD167J-471	470	1/6W	CARBON	
⚠	R415	QRD14CJ-471S	470	1/4W	UNF.CARBON	
⚠	R416	QRD14CJ-471S	470	1/4W	UNF.CARBON	
	R417	QRD167J-102	1K	1/6W	CARBON	
	R418	QRD167J-102	1K	1/6W	CARBON	
	R419	QRD167J-105	1M	1/6W	CARBON	
	R420	QRD167J-104	100K	1/6W	CARBON	
	R421	QRD167J-102	1K	1/6W	CARBON	
	R442	QRD167J-331	330	1/6W	CARBON	
	RA211	QRB055J-223	22K	1/8W	R.NETWORK	

⚠ : SAFETY PARTS

Others

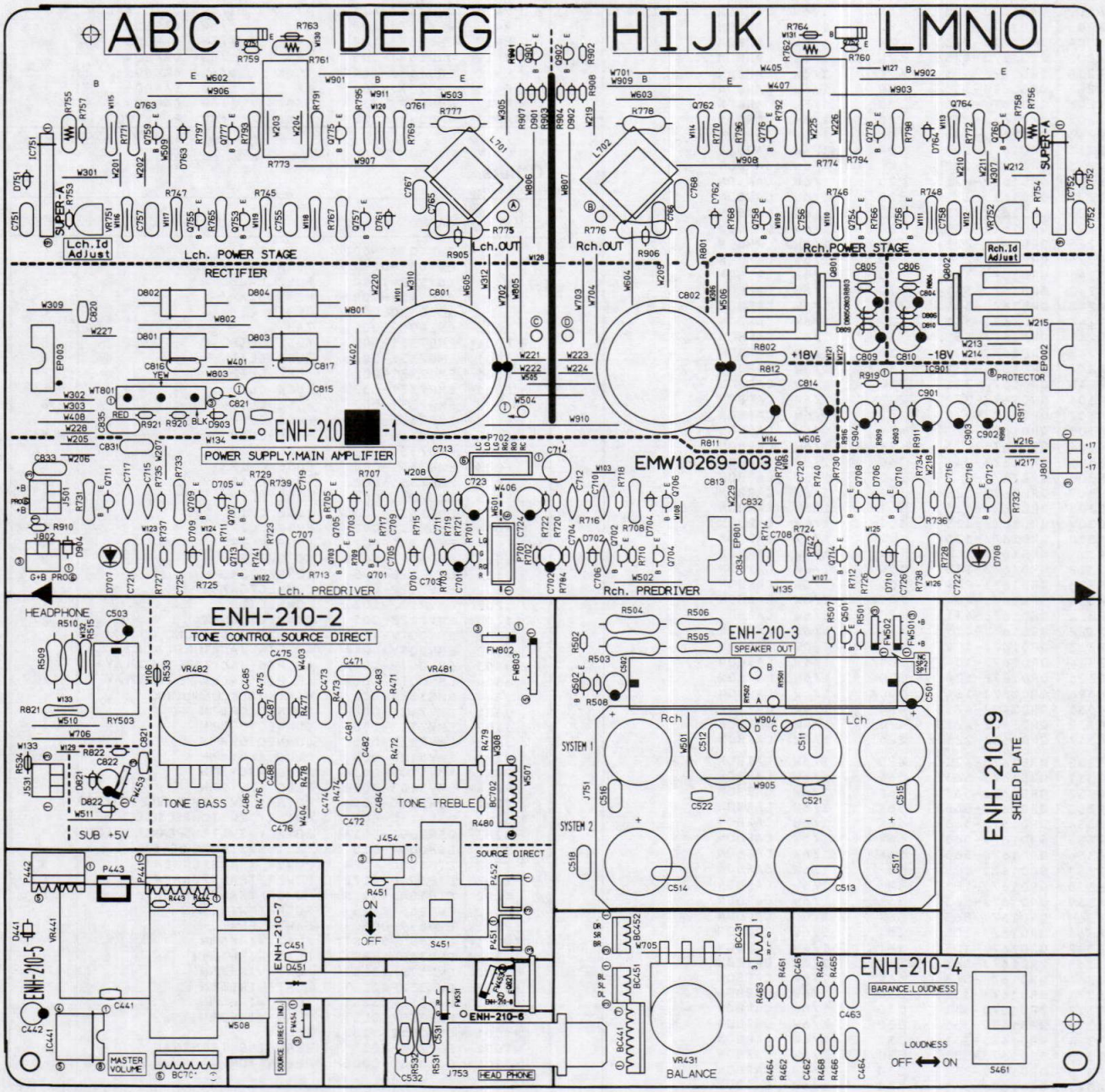
⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
		EMW10268-002		
		EWT031-027	TERMINAL WIRE	
		E67132-T4R0	FUSE LABEL	C
		E70945-H40B	HEAT SINK	C
		SBSG3008CC	SCREW	C
	001	EMZ4001-001	TAB	
	F001	EMG7331-002	FUSE CLIP	B
	F001	EMG7331-002U	FUSE CLIP	B
	F001	EMG7331-002	FUSE CLIP	F
	F001	EMG7331-002U	FUSE CLIP	F
	F002	EMG7331-002	FUSE CLIP	B
	F002	EMG7331-002U	FUSE CLIP	B
	F002	EMG7331-002	FUSE CLIP	F
	F002	EMG7331-002U	FUSE CLIP	F
	F003	EMG7331-002	FUSE CLIP	C
	F003	EMG7331-002U	FUSE CLIP	C
	F003	EMG7331-002	FUSE CLIP	F
	F003	EMG7331-002U	FUSE CLIP	F
	F004	EMG7331-002	FUSE CLIP	C
	F004	EMG7331-002U	FUSE CLIP	C
	J001	QMCA002-E01S	AC OUTLET	C
	J121	EMV7122-005	CONNECTOR 5PIN	
	J202	EMV7122-004	CONNECTOR 7PIN	
	J202	EMV7122-103	CONNECTOR	
	J203	EMV7122-005	CONNECTOR 5PIN	
	J301	EMN00TV-406A	4P PIN JACK PHONO, CD	
	J302	EMN00TV-404A	4P PIN JACK TUNER, AUX	
	J303	EMN00TV-404A	4P PIN JACK TAPE-1 REC/PLAY	
	J304	EMN00TV-406A	4P PIN JACK TAPE-2 REC/PLAY	
	J347	QMS3533-001	MINI JACK COMPULINK	
	J381	EMV7125-008R	CONNECTOR 8PIN	
	J502	EMV7122-103	CONNECTOR 3PIN	
	J803	EMV7122-005	CONNECTOR 4PIN	
	P381	EMV5125-008	PLUG ASSY 8PIN	
	P431	EMV5109-003A	PLUG ASSY 3PIN	
	P444	EMV5103-002B	PLUG ASSY 2PIN	
	S261	QSR211C-E01	ROTARY SWITCH SOURCE SELECTOR	
	S262	QSR211C-E01	ROTARY SWITCH REC SELECTOR	
	S263	QSR2001-E01A	ROTARY SWITCH SPEAKER SELECTOR	
	S271	ESP0001-018	TACT SWITCH POWER SW	
⚠	T002	ETP1000-41EA	POWER TRANSFORMER	B
⚠	T002	ETP1000-41ZB	POWER TRANSFORMER	C
⚠	T002	ETP1000-41EA	POWER TRANSFORMER	F
	BC442	EWS265-A416	SOCKET WIRE 5PIN	
	EP001	E70859-001	EARTH PLATE	
	FW121	EWR35B-55LST	FLAT WIRE 5PIN	
	FW201	EWR3AB-13SST	FLAT WIRE 10PIN	
	FW202	EWR37B-13LST	FLAT WIRE 7PIN	
	FW203	EWR35B-40LST	FLAT WIRE 5PIN	
	FW271	EWR35B-25SST	FLAT WIRE 5PIN	
	FW801	EWR33B-10LST	FLAT WIRE 3PIN	
	RY001	ESK1D12-118J1	RELAY	
	WT001	E67764-203	WRAPPING TERMINAL	
	XT201	ECX0060-000EM	RESONATOR	

⚠ : SAFETY PARTS

■ENH-210 □Main Amplifier & Power Supply PC Board

Note : ENH-210 □ varies according to the areas employed. See note (1) when placing an order.

※ All printed circuit board assemblies are not arailable as service parts.



Note (1)

PC Board Ass'y	Designated Areas
ENH-210 [D]	Continental Europe, Scandinavia
ENH-210 [C]	Universal Type

Transistors

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	Q501	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q502	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q701	2SC2240(A,B)	SILICON	TOSHIBA	
	Q702	2SC2240(A,B)	SILICON	TOSHIBA	
	Q703	2SC2240(A,B)	SILICON	TOSHIBA	
	Q704	2SC2240(A,B)	SILICON	TOSHIBA	
	Q705	2SA933LN(R,S)	SILICON	ROHM	
	Q706	2SA933LN(R,S)	SILICON	ROHM	
	Q707	2SA933LN(R,S)	SILICON	ROHM	
	Q708	2SA933LN(R,S)	SILICON	ROHM	
	Q709	2SA1207(S,T)	SILICON	SANYO	
	Q710	2SA1207(S,T)	SILICON	SANYO	
	Q711	2SC2909(S,T)	SILICON	SANYO	
	Q712	2SC2909(S,T)	SILICON	SANYO	
	Q713	2SC3311A(Q,R)	SILICON	MATSUSHITA	
	Q714	2SC3311A(Q,R)	SILICON	MATSUSHITA	
	Q751	2SD637(Q,R)	SILICON	MATSUSHITA	
	Q752	2SD637(Q,R)	SILICON	MATSUSHITA	
	Q753	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q754	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q755	2SA970(GR,BL)	SILICON	TOSHIBA	
	Q756	2SA970(GR,BL)	SILICON	TOSHIBA	
	Q757	PT141	SILICON		
	Q757	2SC2235(O,Y)	SILICON	TOSHIBA	
	Q758	2SC2235(O,Y)	SILICON	TOSHIBA	
	Q759	2SA965(O,Y)	SILICON	0062	
	Q760	2SA965(O,Y)	SILICON	0062	
	Q761	PT197	SILICON		
	Q761	2SC3854LD(O,Y)	SILICON	SANKEN	
	Q762	2SC3854LD(O,Y)	SILICON	SANKEN	
	Q763	2SA1490LD(O,Y)	SILICON	SANKEN	
	Q764	2SA1490LD(O,Y)	SILICON	SANKEN	
	Q775	2SC1740(R,S)	SILICON	ROHM	
	Q776	2SC1740(R,S)	SILICON	ROHM	
	Q777	2SA933S(R,S)	SILICON	ROHM	
	Q778	2SA933S(R,S)	SILICON	ROHM	
	Q801	2SD2061(E,F)	SILICON	ROHM	
	Q802	2SB1187(E,F)	SILICON	ROHM	
	Q821	2SD1944(J,K)	SILICON	ROHM	
	Q901	2SC2389(S,E)	SILICON	ROHM	
	Q902	2SC2389(S,E)	SILICON	ROHM	
	Q903	2SA970(GR,BL)	SILICON	TOSHIBA	

⚠ : SAFETY PARTS

I.C.s

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	IC441	LB1639-CV	I.C.	SANYO	
	IC751	VC5022-2	I.C.	SANYO	
	IC752	VC5022-2	I.C.	SANYO	
	IC901	UPC1237HA	I.C.	NEC	

⚠ : SAFETY PARTS

Diodes

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
⚠	D441	ERA15-02L19	SILICON	KYOUDOU	
	D451	SLR-342YCA47	L.E.D.		
	D701	1SS119	SILICON	HITACHI	
	D702	1SS119	SILICON	HITACHI	
	D703	1SS119	SILICON	HITACHI	
	D704	1SS119	SILICON	HITACHI	
	D705	MTZ2.7JB	ZENER	ROHM	
	D706	MTZ2.7JB	ZENER	ROHM	
	D707	SLR-34VC50F124	L.E.D.	ROHM	
	D708	SLR-34VC50F124	L.E.D.	ROHM	
	D709	MTZ6.2JC	ZENER	ROHM	
	D710	MTZ6.2JC	ZENER	ROHM	
	D751	1SS119	SILICON	HITACHI	
	D752	1SS119	SILICON	HITACHI	
	D761	1SS119	SILICON	HITACHI	
	D762	1SS119	SILICON	HITACHI	
	D763	1SS119	SILICON	HITACHI	
	D764	1SS119	SILICON	HITACHI	
⚠	D801	30DL2FC	SILICON	NIHONINTER	
⚠	D802	30DL2FC	SILICON	NIHONINTER	

⚠ : SAFETY PARTS

Diodes

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
⚠	D803	30DL2FC	SILICON	NIHONINTER	
⚠	D804	30DL2FC	SILICON	NIHONINTER	
	D805	RD18JSB3	ZENER	NEC	
	D806	RD18JSB3	ZENER	NEC	
	D809	MTZ20JC	ZENER	ROHM	
	D810	MTZ20JC	ZENER	ROHM	
	D821	RD6.8JSB1Y	ZENER		
	D822	RD6.8JSB3	ZENER	NEC	
	D901	1SS119	SILICON	HITACHI	
	D902	1SS119	SILICON	HITACHI	
	D903	1SS119	SILICON	HITACHI	
⚠	D904	ERA15-02L19	SILICON	KYOUDOU	

⚠ : SAFETY PARTS

Capacitors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	C441	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C442	QETB1AM-107	100MF	10V	ELECTRO	
	C451	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C461	QFN81HJ-122	1200PF	50V	MYLAR	
	C462	QFN81HJ-122	1200PF	50V	MYLAR	
	C463	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C464	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C471	QFN81HJ-332	3300PF	50V	MYLAR	
	C472	QFN81HJ-332	3300PF	50V	MYLAR	
	C473	QFVB1HJ-183N	0.018MF	50V	T.FILM	
	C474	QFVB1HJ-183N	0.018MF	50V	T.FILM	
	C475	QEN51HM-475	4.7MF	50V	NON POLE	
	C476	QEN51HM-475	4.7MF	50V	NON POLE	
	C481	QCS21HJ-221	220PF	50V	CERAMIC	
	C482	QCS21HJ-221	220PF	50V	CERAMIC	
	C483	QFN81HJ-122	1200PF	50V	MYLAR	
	C484	QFN81HJ-122	1200PF	50V	MYLAR	
	C485	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C486	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C487	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C488	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C501	EETB1HM-105E	1MF	50V	ELECTRO	
	C502	EETB1HM-105E	1MF	50V	ELECTRO	
	C503	EETB1HM-105E	1MF	50V	ELECTRO	
	C701	EETB1HM-475E	4.7MF	50V	ELECTRO	
	C702	EETB1HM-475E	4.7MF	50V	ELECTRO	
	C703	QCS21HJ-101	100PF	50V	CERAMIC	
	C704	QCS21HJ-101	100PF	50V	CERAMIC	
	C705	QCS21HJ-101	100PF	50V	CERAMIC	
	C706	QCS21HJ-101	100PF	50V	CERAMIC	
	C707	QFN31HJ-821Z	820PF	50V	MYLAR	
	C708	QFN31HJ-821Z	820PF	50V	MYLAR	
	C709	QCS21HJ-220	22PF	50V	CERAMIC	
	C710	QCS21HJ-220	22PF	50V	CERAMIC	
	C711	QCS21HJ-220	22PF	50V	CERAMIC	
	C712	QCS21HJ-220	22PF	50V	CERAMIC	
	C713	QEN51HM-475	4.7MF	50V	NON POLE	
	C714	QEN51HM-475	4.7MF	50V	NON POLE	
	C715	QCS21HJ-680	68PF	50V	CERAMIC	
	C716	QCS21HJ-680	68PF	50V	CERAMIC	
	C717	QCS21HJ-680	68PF	50V	CERAMIC	
	C718	QCS21HJ-680	68PF	50V	CERAMIC	
	C719	QCS21HJ-220	22PF	50V	CERAMIC	
	C720	QCS21HJ-220	22PF	50V	CERAMIC	
	C723	EETB1AM-227E	220MF	10V	ELECTRO	
	C724	EETB1AM-227E	220MF	10V	ELECTRO	
	C751	QFVB1HJ-103N	0.01MF	50V	T.FILM	
	C752	QFVB1HJ-103N	0.01MF	50V	T.FILM	
	C755	QCS22HJ-680A	68PF	500V	CERAMIC	
	C756	QCS22HJ-680A	68PF	500V	CERAMIC	
	C757	QCS22HJ-680A	68PF	500V	CERAMIC	
	C758	QCS22HJ-680A	68PF	500V	CERAMIC	
	C765	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C766	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C767	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C768	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C801	EEW5608-878E	8700MF		ELECTRO	
	C802	EEW5608-878E	8700MF		ELECTRO	
	C803	EETB1EM-476E	47MF	25V	ELECTRO	
	C804	EETB1EM-476E	47MF	25V	ELECTRO	
	C805	QCGB1HK-102	1000PF	50V	CERAMIC	
	C806	QCGB1HK-102	1000PF	50V	CERAMIC	
	C813	EETB1HM-227	220MF	50V	ELECTRO	C
	C813	EETB1JM-227E	220MF	63V	ELECTRO	D
	C814	EETB1HM-227	220MF	50V	ELECTRO	C
	C814	EETB1JM-227E	220MF	63V	ELECTRO	D
	C815	QFH42EK-104	0.1MF	250V	M.MYLAR	
	C816	QFN82AJ-104	0.1MF	100V	MYLAR	
	C817	QFN82AJ-104	0.1MF	100V	MYLAR	
	C820	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C822	QETB1AM-476	47MF	10V	ELECTRO	
	C901	QETB1AM-227	220MF	10V	ELECTRO	
	C902	QETB1CM-226	22MF	16V	ELECTRO	
	C903	QETB1HM-475	4.7MF	50V	ELECTRO	
	C904	QETB1HM-226	22MF	50V	ELECTRO	

⚠ : SAFETY PARTS

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	R443	QRD161J-221	220	1/6W	CARBON	
	R444	QRD161J-221	220	1/6W	CARBON	
	R451	QRD167J-181	180	1/6W	CARBON	
	R461	QRD167J-183	18K	1/6W	CARBON	
	R462	QRD167J-183	18K	1/6W	CARBON	
	R463	QRD167J-474	470K	1/6W	CARBON	
	R464	QRD167J-474	470K	1/6W	CARBON	
	R465	QRD167J-203	20K	1/6W	CARBON	
	R466	QRD167J-203	20K	1/6W	CARBON	
	R467	QRD167J-512	5.1K	1/6W	CARBON	
	R468	QRD167J-512	5.1K	1/6W	CARBON	
	R471	QRD167J-472	4.7K	1/6W	CARBON	
	R472	QRD167J-472	4.7K	1/6W	CARBON	
	R473	QRD167J-821	820	1/6W	CARBON	
	R474	QRD167J-821	820	1/6W	CARBON	
	R475	QRD167J-203	20K	1/6W	CARBON	
	R476	QRD167J-203	20K	1/6W	CARBON	
	R477	QRD167J-362	3.6K	1/6W	CARBON	
	R478	QRD167J-362	3.6K	1/6W	CARBON	
	R479	QRD167J-474	470K	1/6W	CARBON	
	R480	QRD167J-474	470K	1/6W	CARBON	
	R501	QRD167J-222	2.2K	1/6W	CARBON	
	R502	QRD167J-222	2.2K	1/6W	CARBON	
⚠	R503	QRG022J-821AM	820	2W	O.M.FILM	
⚠	R504	QRG022J-821AM	820	2W	O.M.FILM	
⚠	R505	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R506	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R509	QRG012J-102A	1K	1W	O.M.FILM	
⚠	R510	QRG012J-222A	2.2K	1W	O.M.FILM	
⚠	R531	QRG022J-331A	330	2W	O.M.FILM	
⚠	R532	QRG022J-331A	330	2W	O.M.FILM	
	R701	QRD161J-221	220	1/6W	CARBON	
	R702	QRD161J-221	220	1/6W	CARBON	
	R703	QRD167J-104	100K	1/6W	CARBON	
	R704	QRD167J-104	100K	1/6W	CARBON	
⚠	R705	QRD14CJ-101S	100	1/4W	UNF.CARBON	
⚠	R706	QRD14CJ-101S	100	1/4W	UNF.CARBON	
⚠	R707	QRD14CJ-121S	120	1/4W	UNF.CARBON	
⚠	R708	QRD14CJ-121S	120	1/4W	UNF.CARBON	
	R709	QRD167J-222	2.2K	1/6W	CARBON	
	R710	QRD167J-222	2.2K	1/6W	CARBON	
	R711	QRD167J-272	2.7K	1/6W	CARBON	
	R712	QRD167J-272	2.7K	1/6W	CARBON	
	R713	QRD167J-101	100	1/6W	CARBON	
	R714	QRD167J-101	100	1/6W	CARBON	
	R715	QRD167J-163	16K	1/6W	CARBON	
	R716	QRD167J-163	16K	1/6W	CARBON	
	R717	QRD167J-913	91K	1/6W	CARBON	
	R718	QRD167J-913	91K	1/6W	CARBON	
	R719	QRD167J-471	470	1/6W	CARBON	
	R720	QRD167J-471	470	1/6W	CARBON	
	R721	QRD167J-511	510	1/6W	CARBON	
	R722	QRD167J-511	510	1/6W	CARBON	
⚠	R723	QRD14CJ-332S	3.3K	1/4W	UNF.CARBON	
⚠	R724	QRD14CJ-332S	3.3K	1/4W	UNF.CARBON	
⚠	R725	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R726	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R729	QRD14CJ-560S	56	1/4W	UNF.CARBON	
⚠	R730	QRD14CJ-560S	56	1/4W	UNF.CARBON	
⚠	R731	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R732	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R733	QRD14CJ-331S	330	1/4W	UNF.CARBON	
⚠	R734	QRD14CJ-331S	330	1/4W	UNF.CARBON	
	R735	QRD167J-333	33K	1/6W	CARBON	
	R736	QRD167J-333	33K	1/6W	CARBON	
	R737	QRD167J-333	33K	1/6W	CARBON	
	R738	QRD167J-333	33K	1/6W	CARBON	
	R739	QRD167J-333	33K	1/6W	CARBON	
	R740	QRD167J-333	33K	1/6W	CARBON	
	R741	QRD167J-333	33K	1/6W	CARBON	
	R742	QRD167J-333	33K	1/6W	CARBON	
⚠	R745	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R746	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R747	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R748	QRD14CJ-470S	47	1/4W	UNF.CARBON	
	R753	QRD167J-471	470	1/6W	CARBON	
	R754	QRD167J-471	470	1/6W	CARBON	
	R755	ERT-D2WFL351S	350	1/4W	THERMISTOR	
	R756	ERT-D2WFL351S	350	1/4W	THERMISTOR	
	R757	QRD167J-101	100	1/6W	CARBON	
	R758	QRD167J-101	100	1/6W	CARBON	
	R759	QRD167J-391	390	1/6W	CARBON	
	R760	QRD167J-391	390	1/6W	CARBON	
	R761	ERT-D2WHL202S	2K	1/4W	THERMISTOR	
	R762	ERT-D2WHL202S	2K	1/4W	THERMISTOR	
⚠	R765	QRD14CJ-122S	1.2K	1/4W	UNF.CARBON	
⚠	R766	QRD14CJ-122S	1.2K	1/4W	UNF.CARBON	
⚠	R767	QRD14CJ-151S	150	1/4W	UNF.CARBON	
⚠	R768	QRD14CJ-151S	150	1/4W	UNF.CARBON	
⚠	R769	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R770	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R771	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R772	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R773	ERF032K-R22	0.22	3W	CEMENT	
⚠	R774	ERF032K-R22	0.22	3W	CEMENT	

⚠ : SAFETY PARTS

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
⚠	R775	QRG022J-100A	10	2W	O.M.FILM	
⚠	R776	QRG022J-100A	10	2W	O.M.FILM	
⚠	R777	QRD125J-100	10	1/2W	UNF.CARBON	
⚠	R778	QRD125J-100	10	1/2W	UNF.CARBON	
⚠	R791	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R792	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R793	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R794	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R795	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R796	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R797	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R798	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R801	QRZ0077-100	10	1/4W	FUSIBLE	
⚠	R802	QRZ0077-100	10	1/4W	FUSIBLE	
	R803	QRD167J-123	12K	1/6W	CARBON	
	R804	QRD167J-123	12K	1/6W	CARBON	
⚠	R811	QRD14CJ-330S	33	1/4W	UNF.CARBON	
⚠	R812	QRD14CJ-330S	33	1/4W	UNF.CARBON	
⚠	R821	QRZ0077-100	10	1/4W	FUSIBLE	
	R822	QRD167J-223	22K	1/6W	CARBON	
	R901	QRD167J-272	2.7K	1/6W	CARBON	
	R902	QRD167J-272	2.7K	1/6W	CARBON	
	R903	QRD167J-153	15K	1/6W	CARBON	
	R904	QRD167J-153	15K	1/6W	CARBON	
	R905	QRD167J-104	100K	1/6W	CARBON	
	R906	QRD167J-823	82K	1/6W	CARBON	
	R907	QRD167J-223	22K	1/6W	CARBON	
	R908	QRD167J-223	22K	1/6W	CARBON	
	R909	QRD167J-103	10K	1/6W	CARBON	
	R910	QRD167J-224	220K	1/6W	CARBON	
	R911	QRD167J-473	47K	1/6W	CARBON	
	R916	QRD167J-103	10K	1/6W	CARBON	
	R917	QRD167J-103	10K	1/6W	CARBON	
	R918	QRD167J-224	220K	1/6W	CARBON	
	R919	QRD167J-332	3.3K	1/6W	CARBON	
	R920	QRD167J-273	27K	1/6W	CARBON	
	R921	QRD167J-822	8.2K	1/6W	CARBON	
	VR431	QVDB87M-EF5C	250K		VARIABLE	
	VR441	QVDB94B-E54C	50K		VARIABLE	
	VR481	QVDB87C-E15E	100K		VARIABLE	
	VR482	QVDB87C-E15E	100K		VARIABLE	
	VR751	QVPE601-501	500	0.15W	VARIABLE	
	VR752	QVPE601-501	500	0.15W	VARIABLE	

⚠ : SAFETY PARTS

Others

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
		EMW10269-003		
		EWT011-076	TERMINAL WIRE	
		E305804-001	HOLDER GUIDE	
		E305805-001	HOLDER STAY	
		E308135-003	HEAT SINK	
		E73525-003	SCREW	
		GBSG3008CC	SCREW	
		SILICON-GREASE		
		WNS3000CC	WASHER	
	J454	EMV7122-103	CONNECTOR 3PIN	
	J501	EMV7122-103	CONNECTOR 3PIN	
	J531	EMV7122-103	CONNECTOR 3PIN	
	J751	EMB00TP-801H	SPEAKER TERMINAL	
	J753	QMS6302-131	HEADPHONE JACK	
	J801	EMV7122-103	CONNECTOR 3PIN	
	J802	EMV7122-103	CONNECTOR 3PIN	
	L701	EQL0001-1R0	INDUCTOR	
	L702	EQL0001-1R0	INDUCTOR	
	P441	EMV5109-007B	PLUG ASSY 7PIN	
	P442	EMV5109-005B	PLUG ASSY 5PIN	
	P443	EMV5103-002B	PLUG ASSY 2PIN	
	P451	EMV5109-003A	PLUG ASSY 3PIN	
	P452	EMV5109-003A	PLUG ASSY 3PIN	
	P701	EMV5109-006A	PLUG ASSY 6PIN	
	P702	EMV5109-006A	PLUG ASSY 6PIN	

⚠ : SAFETY PARTS

Others

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	S451	QSTL102-E04	PUSH SWITCH SOURCE DIRECT	
	S461	QSTL102-E02	PUSH SWITCH LOUDENESS	
	BC431	EWS293-0116	SOCKET WIRE 3PIN	
	BC441	EWS297-2116	SOCKET WIRE 7PIN	
	BC451	EWS293-0116	SOCKET WIRE 3PIN	
	BC452	EWS293-0116	SOCKET WIRE 3PIN	
	BC701	EWS296-1910	SOCKET WIRE 6PIN	
	BC702	EWS296-1920	SOCKET WIRE 6PIN	
	EP002	E70859-001	EARTH PLATE	
	EP003	E70859-001	EARTH PLATE	
	EP801	E70859-001	EARTH PLATE	
	FW453	EWR33B-13SST	FLAT WIRE 3PIN	
	FW454	EWR33B-08LST	FLAT WIRE 3PIN	
	FW501	EWR33B-35LST	FLAT WIRE 3PIN	
	FW502	EWR33B-20LST	FLAT WIRE 2PIN	
	FW531	EWR33B-08LST	FLAT WIRE 3PIN	
	FW802	EWR33B-13LST	FLAT WIRE 3PIN	
	FW803	EWR35B-16LST	FLAT WIRE 4PIN	
	RY501	ESK7D24-2120	RELAY SYSTEM-1	
	RY502	ESK7D24-2120	RELAY SYSTEM-2	
	RY503	ESK5D24-21AF	RELAY HEAD PHONE	
	WT801	E67764-103	WRAPPING TERMINAL	

⚠ : SAFETY PARTS

Accessories List

■ Accessories List

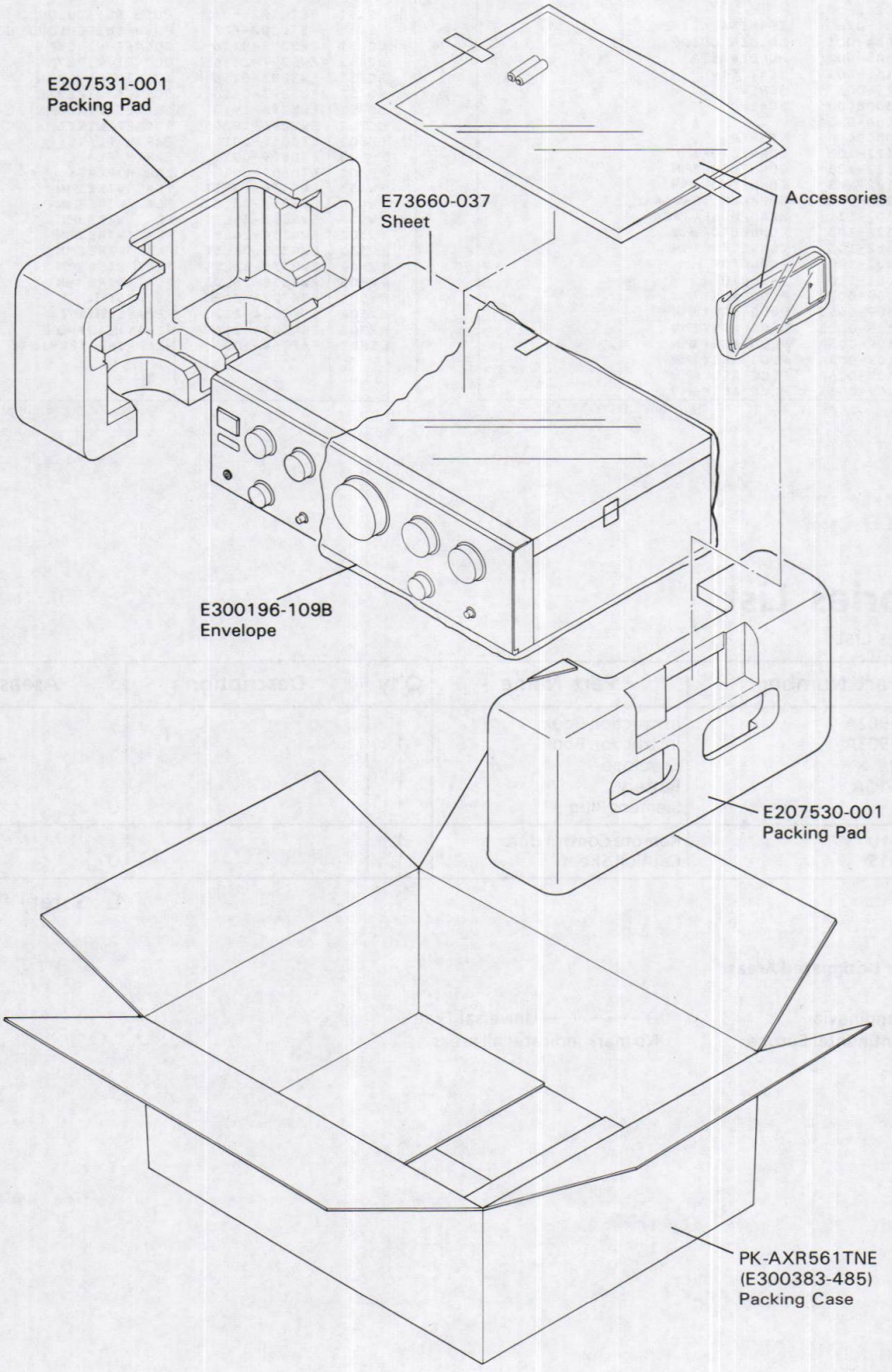
⚠	Part Number	Part Name	Q'ty	Description	Areas
	E30580-1902A	Instruction Book	1		
	E30580-1903A	Instruction Book	1		
	E41202-2	Envelope	1		
	UM-4NJ-2PSA	Battery	1		
⚠	E04056	Siemens Plug	1		U
	RM-SA561U	Remote Control Unit	1		
	E35497-015	Caution Sheet	1		U

⚠ : Safety Parts

★ The Marks for Designated Areas

EN ····· Scandinavia
EF ····· Continental Europe
U ····· Universal Type
No mark indicates all areas.

Packing Materials and Part Numbers



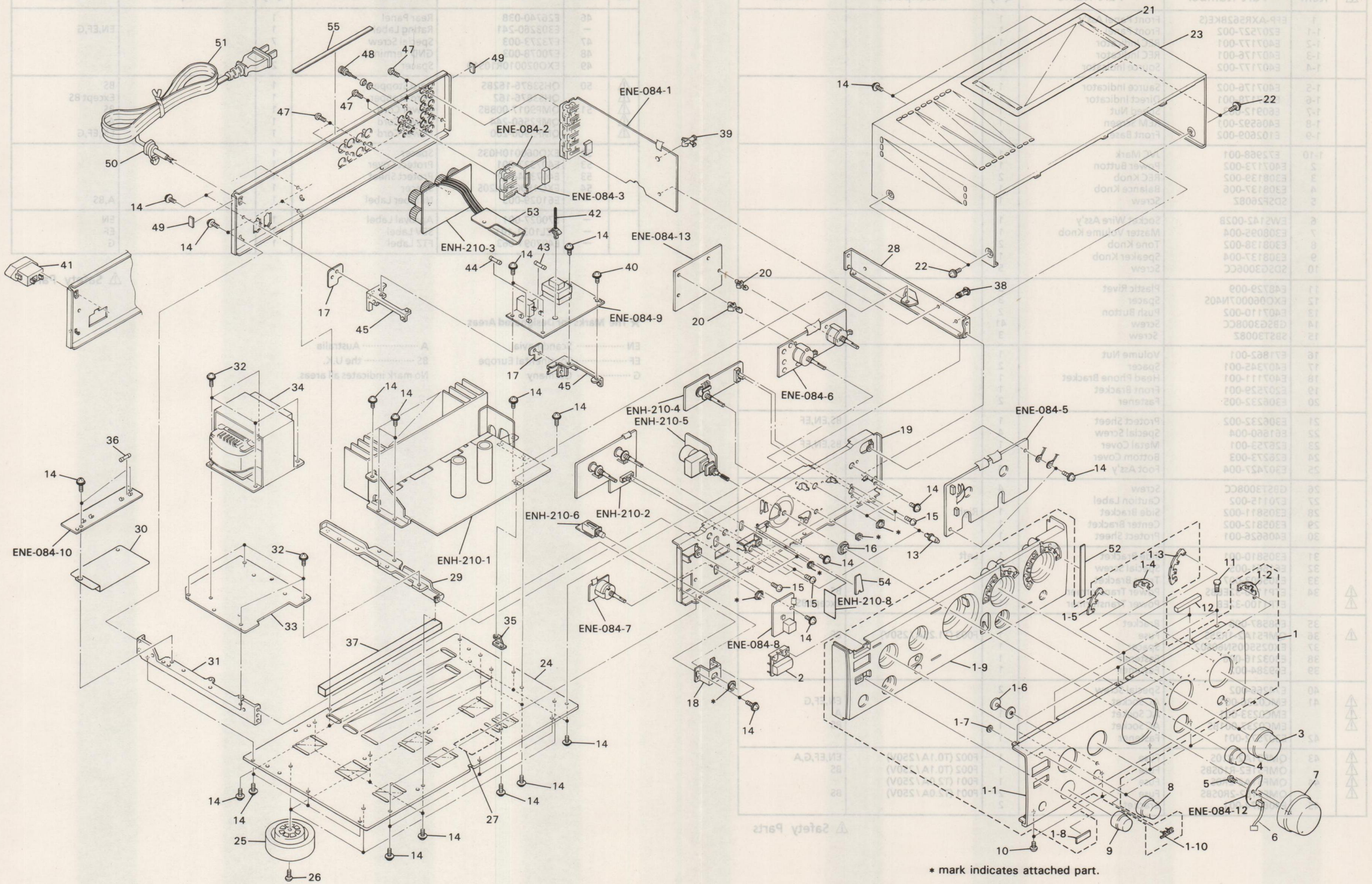
The Marks for Designated Areas	
EN ····· Scandinavia	U ····· Universal Type
EF ····· Continental Europe	No mark indicates all areas.

PARTS LIST

Contents

AX-R562BK	AX-R562BK

General Exploded View and Parts List



■ Parts List

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	1	EFP-AXR562BKE(S	Front Panel Ass'y	1		
	1-1	E207527-002	Front Panel	1		
	1-2	E407177-001	REC Indicator	1		
	1-3	E407176-001	REC Indicator	1		
	1-4	E407177-002	Source Indicator	1		
	1-5	E407176-002	Saurce Indicator	1		
	1-6	E407178-001	Direct Indicator	1		
	1-7	E60912-003	Speed Nut	1		
	1-8	E406592-001	REM Screen	1		
	1-9	E102609-002	Front Base	1		
	1-10	E72968-001	JVC Mark	1		
	2	E407173-002	Power Button	1		
	3	E308139-002	REC Knob	2		
	4	E308137-006	Balance Knob	1		
	5	SDSF2608Z	Screw	1		
	6	EWS142-002B	Socket Wire Ass'y	1		
	7	E308095-004	Master Volume Knob	1		
	8	E308138-002	Tone Knob	2		
	9	E308137-004	Speaker Knob	1		
	10	SDSG3006CC	Screw	5		
	11	E48729-009	Plastic Rivet	3		
	12	EXO060007N40S	Spacer	3		
	13	E407110-002	Push Button	2		
	14	GBSG3008CC	Screw	41		
	15	SBST3008Z	Screw	3		
	16	E71862-001	Volume Nut	1		
	17	E407345-001	Spacer	2		
	18	E407111-001	Head Phone Bracket	1		
	19	E207529-001	Front Bracket	1		
	20	E306232-005	Fastener	2		
	21	E306232-002	Protect Sheet	1		BS,EN,EF
	22	E61660-004	Special Screw	4		
	23	E26753-001	Metal Cover	1		BS,EN,EF
	24	E26273-003	Bottom Cover	1		
	25	E307427-004	Foot Ass'y	4		
	26	GBST3008CC	Screw	4		
	27	E70115-002	Caution Label	1		
	28	E305811-002	Side Bracket	1	Right	
	29	E305812-002	Center Bracket	1		
	30	E406626-001	Protect Sheet	1		
	31	E305810-001	Side Bracket	1	Left	
	32	E61661-005	Special Screw	8		
	33	E305803-007	Trans Bracket	1		
⚠	34	ETP1100-32EBBS	Power Transformer	1		BS
⚠		ETP1100-32EB	Power Transformer	1		Except BS
	35	E68587-008	Bracket	1		
⚠	36	QMF51A2-1R25S	Fuse	1	F003 (T1.25A / 250V)	EF
	37	EX0255005N60S02	Spacer	1		
	38	E303216-006	Fastener	1		
	39	E69384-002	Fastener	1		
	40	E74266-002	Special Screw	2		
⚠	41	EMC0236-001	AC Socket	1		EN,EF,G
⚠		EMC0233-001	AC Socket	1		A
⚠		EMC0237-001BS	AC Socket	1		BS
	42	E307572-001	Fastener	1		
⚠	43	QMF51A2-R10S	Fuse	1	F002 (T0.1A / 250V)	EN,EF,G,A
⚠		QMF51E2-R10SBS	Fuse	1	F002 (T0.1A / 250V)	BS
⚠	44	QMF51A2-2R0S	Fuse	1	F001 (T2.0A / 250V)	
⚠		QMF51E2-2R0SBS	Fuse	2	F001 (T2.0A / 250V)	BS
	45	E406074-001	Bracket	2		

⚠ Safety Parts

⚠	Item	Part Number	Part Name	Q'ty	Description	Areas
	46	E26740-038	Rear Panel	1		
	—	E303260-241	Rating Label	1		EN,EF,G
	47	E73273-003	Special Screw	7		
	48	E70078-003	GND Terminal	1		
	49	EXO020010R10S10	Spacer	2		
⚠	50	QHS3876-162BS	Cord Stopper	1		BS
⚠		QHS3876-162	Cord Stopper	1		Except BS
⚠	51	QMP9017-008BS	Power Cord	1		BS
⚠		QMP2560-244	Power Cord	1		A
⚠		QMP3900-200	Power Cord	1		EN,EF,G
	52	EXO060010H03S	Spacer	1		
	53	E407327-001	Protect Cover	1		
	53	E407344-001	Protect Sheet	1		
	54	EXO150010N20S	Spacer	1		
	—	E61029-005	Number Label	1		A,BS
	—	E70027-001	Aproval Label	1		EN
	—	QZL1031-101	SEV Label	1		EF
	—	E407091-063	FTZ Label	1		G

⚠ Safety Parts

★ The Marks for Designated Areas

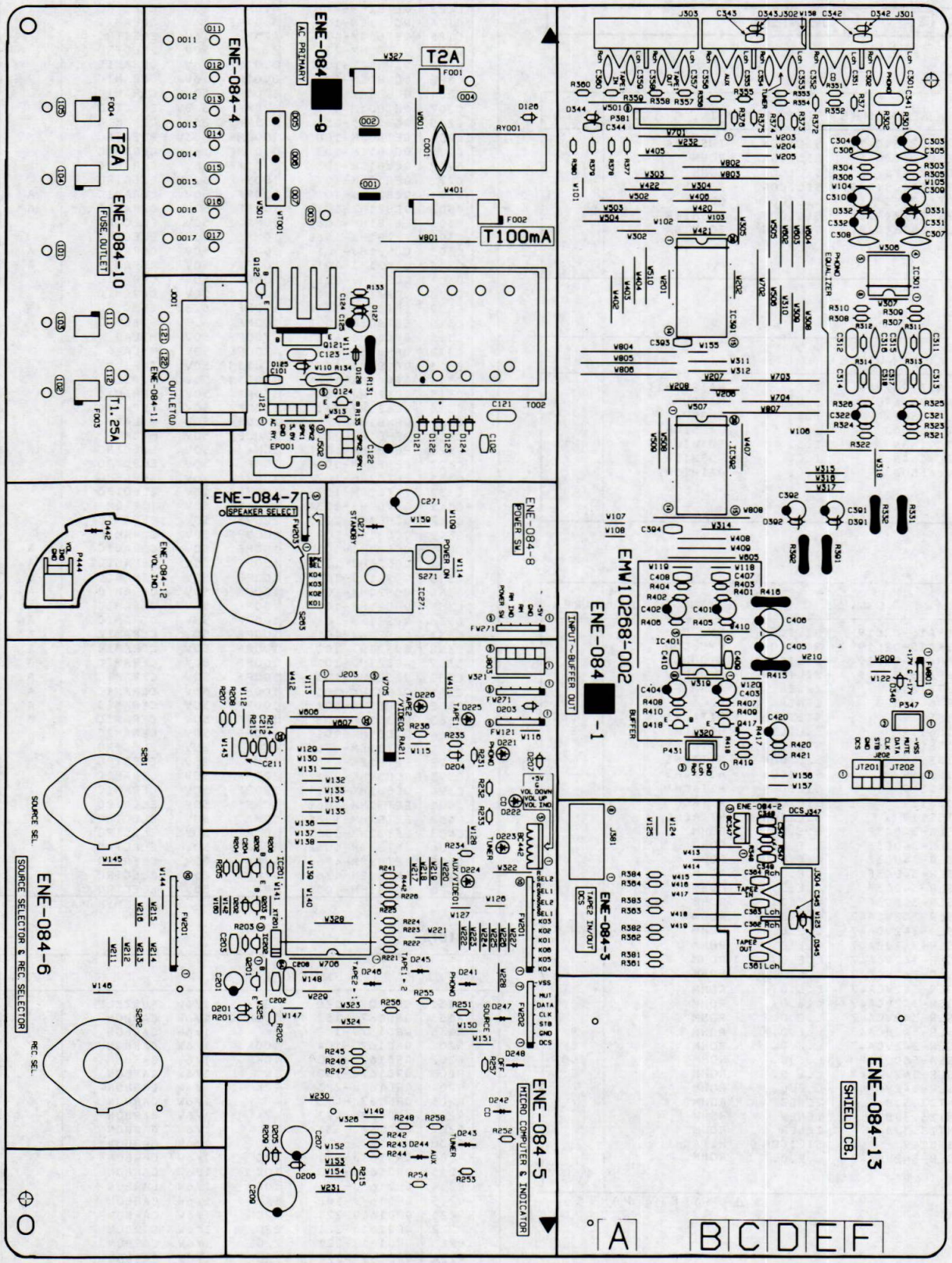
EN ····· Scandinavia
EF ····· Continental Europe
G ····· Germany
A ····· Australia
BS ····· the U.K.
No mark indicates all areas.

Printed Circuit Board Ass'y and Parts List

■ENE-084 □ Input & Front PC Board

Note : ENE-084 □ varies according to the areas employed. See note (1) when placing an order.

※ All printed circuit board assemblies are not arailable as service parts.



Note (1)

PC Board Ass'y	Designated Areas
ENE-084 [D] BS	the U.K.
ENE-084 [E]	Australia
ENE-084 [B]	Scandinavia
ENE-084 [F]	Continental Europe
ENE-084 [A]	Germany

Transistors

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	Q122	2SC2235(O,Y)	SILICON	TOSHIBA	
	Q124	2SC2060(Q,R)	SILICON	ROHM	
	Q201	DTC114YS	SILICON	ROHM	
	Q202	2SC1740S(R,S)	SILICON	ROHM	
	Q203	DTA124ES	SILICON	0021	
	Q417	2SC2878(A,B)	SILICON	TOSHIBA	
	Q418	2SC2878(A,B)	SILICON	TOSHIBA	

I.C.s

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	IC201	MN171202JPP	I.C.	MATSUSHITA	
	IC202	PST7046T0	I.C.	MITSUMI	
	IC271	GP1U501X	I.C.	SHARP	
	IC301	VC4580DD	I.C.	DAINICHI	
	IC391	TC9163N	I.C.	TOSHIBA	
	IC392	TC9164N	I.C.	TOSHIBA	
	IC401	VC4580D	I.C.	DAINICHI	

Diodes

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
⚠	D121	ERA15-02L19	SILICON	KYOUDOU	
⚠	D122	ERA15-02L19	SILICON	KYOUDOU	
⚠	D123	ERA15-02L19	SILICON	KYOUDOU	
⚠	D124	ERA15-02L19	SILICON	KYOUDOU	
	D126	MTZ12JC	ZENER	ROHM	
	D127	RD6.2JSB3	ZENER	NEC	
	D128	1SS119	SILICON	HITACHI	DBS
	D128	1SS119	SILICON	HITACHI	E
	D201	1SS119	SILICON	HITACHI	
	D202	1SS119	SILICON	HITACHI	
	D203	1SS119	SILICON	HITACHI	
	D204	1SS119	SILICON	HITACHI	
	D205	1SS119	SILICON	HITACHI	
	D207	1SS119	SILICON	HITACHI	
	D221	SLR-34DC3F	L.E.D.	ROHM	
	D222	SLR-34DC3F	L.E.D.	ROHM	
	D223	SLR-34DC3F	L.E.D.	ROHM	
	D224	SLR-34DC3F	L.E.D.	ROHM	
	D225	SLR-34DC3F	L.E.D.	ROHM	
	D226	SLR-34DC3F	L.E.D.	ROHM	
	D241	SLR-342VCA47	L.E.D.	ROHM	
	D242	SLR-342VCA47	L.E.D.	ROHM	
	D243	SLR-342VCA47	L.E.D.	ROHM	
	D244	SLR-342VCA47	L.E.D.	ROHM	
	D245	SLR-342VCA47	L.E.D.	ROHM	
	D246	SLR-342VCA47	L.E.D.	ROHM	
	D247	SLR-342VCA47	L.E.D.	ROHM	
	D248	SLR-342VCA47	L.E.D.	ROHM	
	D271	SLR-342VCA47	L.E.D.	ROHM	A
	D271	SLR-342VCA47	L.E.D.	ROHM	B
	D271	SLA-580LT3F	L.E.D.	ROHM	DBS
	D271	SLR-342VCA47	L.E.D.	ROHM	E
	D271	SLR-342VCA47	L.E.D.	ROHM	F
	D342	MTZ3.3JB	ZENER	ROHM	
	D345	MTZ3.3JB	ZENER	ROHM	
	D346	MTZ3.3JB	ZENER	ROHM	
	D348	1SS119	SILICON	HITACHI	
	D442	SLR-342VCA47	L.E.D.	ROHM	

⚠ : SAFETY PARTS

Capacitors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
⚠	C001	QCZ9050-103A	0.01MF		CERAMIC	A
⚠	C001	QCZ9050-103A	0.01MF		CERAMIC	B
⚠	C001	QCZ9050-103ABS	0.01MF		CERAMIC	DBS
⚠	C001	QCZ9050-103A	0.01MF		CERAMIC	E
⚠	C001	QCZ9050-103A	0.01MF		CERAMIC	F
	C101	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C121	QFN81HJ-473	0.047MF	50V	MYLAR	
	C122	QETB1EM-477	470MF	25V	ELECTRO	
	C124	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C125	QETB1CM-476	47MF	16V	ELECTRO	
	C201	QETB1HM-225	2.2MF	50V	ELECTRO	
	C202	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C203	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C204	QCGB1HK-102	1000PF	50V	CERAMIC	
	C207	QETB0JM-477	470MF	6.3V	ELECTRO	
	C208	QCZ0205-155	1.5MF	25V	CERAMIC	
	C209	QETB0JM-108	1000MF	6.3V	ELECTRO	
	C211	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C212	QCVB1CM-103	0.01MF	16V	CERAMIC	
	C271	QER50JM-107	100MF	6.3V	ELECTRO	
	C301	QCS21HJ-101	100PF	50V	CERAMIC	A
	C302	QCS21HJ-101	100PF	50V	CERAMIC	A
	C303	EETB1HM-106E	10MF	50V	ELECTRO	
	C304	EETB1HM-106E	10MF	50V	ELECTRO	
	C305	QCS21HJ-101	100PF	50V	CERAMIC	A
	C306	QCS21HJ-101	100PF	50V	CERAMIC	A
	C307	QCS21HJ-101	100PF	50V	CERAMIC	
	C308	QCS21HJ-101	100PF	50V	CERAMIC	
	C309	EETB0JM-107E	100MF	6.3V	ELECTRO	
	C310	EETB0JM-107E	100MF	6.3V	ELECTRO	
	C311	QFN81HJ-472	4700PF	50V	MYLAR	
	C312	QFN81HJ-472	4700PF	50V	MYLAR	
	C313	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C314	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C315	QCS21HJ-331	330PF	50V	CERAMIC	
	C316	QCS21HJ-331	330PF	50V	CERAMIC	
	C317	QFN81HJ-272	2700PF	50V	MYLAR	
	C318	QFN81HJ-272	2700PF	50V	MYLAR	
	C321	EETB1HM-106E	10MF	50V	ELECTRO	
	C322	EETB1HM-106E	10MF	50V	ELECTRO	
	C331	EETB1CM-107E	100MF	16V	ELECTRO	
	C332	EETB1CM-107E	100MF	16V	ELECTRO	
	C341	QFVB1HJ-103N	0.01MF	50V	T.FILM	
	C347	QCBB1HK-221	220PF	50V	CERAMIC	
	C349	QCGB1HK-102	1000PF	50V	CERAMIC	
	C351	QCS21HJ-101	100PF	50V	CERAMIC	A
	C352	QCS21HJ-101	100PF	50V	CERAMIC	A
	C353	QCS21HJ-101	100PF	50V	CERAMIC	A
	C354	QCS21HJ-101	100PF	50V	CERAMIC	A
	C355	QCS21HJ-101	100PF	50V	CERAMIC	A
	C356	QCS21HJ-101	100PF	50V	CERAMIC	A
	C357	QCS21HJ-101	100PF	50V	CERAMIC	A
	C358	QCS21HJ-101	100PF	50V	CERAMIC	A
	C359	QCS21HJ-101	100PF	50V	CERAMIC	A
	C360	QCS21HJ-101	100PF	50V	CERAMIC	A
	C361	QCBB1HK-101	100PF	50V	CERAMIC	A
	C362	QCBB1HK-101	100PF	50V	CERAMIC	A
	C363	QCBB1HK-101	100PF	50V	CERAMIC	A
	C364	QCBB1HK-101	100PF	50V	CERAMIC	A
	C391	EETB1EM-476E	47MF	25V	ELECTRO	
	C392	EETB1EM-476E	47MF	25V	ELECTRO	
	C393	QCBB1HK-221	220PF	50V	CERAMIC	
	C394	QCBB1HK-221	220PF	50V	CERAMIC	
	C401	EETB1HM-106E	10MF	50V	ELECTRO	
	C402	EETB1HM-106E	10MF	50V	ELECTRO	
	C403	EETB1HM-106E	10MF	50V	ELECTRO	
	C404	EETB1HM-106E	10MF	50V	ELECTRO	
	C405	EETB1EM-476E	47MF	25V	ELECTRO	
	C406	EETB1EM-476E	47MF	25V	ELECTRO	
	C420	EETB1HM-105E	1MF	50V	ELECTRO	

⚠ : SAFETY PARTS

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
⚠	R131	QRZ0077-120	12	1/4W	FUSIBLE	
	R133	QRD167J-152	1.5K	1/6W	CARBON	
	R135	QRD167J-102	1K	1/6W	CARBON	
	R201	QRD167J-104	100K	1/6W	CARBON	
	R202	QRD167J-103	10K	1/6W	CARBON	
	R203	QRD167J-102	1K	1/6W	CARBON	
	R204	QRD167J-223	22K	1/6W	CARBON	
	R205	QRD167J-473	47K	1/6W	CARBON	
	R206	QRD167J-473	47K	1/6W	CARBON	
	R207	QRD167J-331	330	1/6W	CARBON	
	R208	QRD167J-331	330	1/6W	CARBON	
	R209	QRD161J-221	220	1/6W	CARBON	
	R213	QRD167J-103	10K	1/6W	CARBON	
	R214	QRD167J-103	10K	1/6W	CARBON	
	R215	QRD167J-102	1K	1/6W	CARBON	
	R221	QRD161J-221	220	1/6W	CARBON	
	R222	QRD161J-221	220	1/6W	CARBON	
	R223	QRD161J-221	220	1/6W	CARBON	
	R224	QRD161J-221	220	1/6W	CARBON	
	R225	QRD161J-221	220	1/6W	CARBON	

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	R226	QRD161J-221	220 1/6W CARBON	
	R241	QRD167J-331	330 1/6W CARBON	
	R242	QRD167J-331	330 1/6W CARBON	
	R243	QRD167J-331	330 1/6W CARBON	
	R244	QRD167J-331	330 1/6W CARBON	
	R245	QRD167J-331	330 1/6W CARBON	
	R246	QRD167J-331	330 1/6W CARBON	
	R247	QRD167J-331	330 1/6W CARBON	
	R248	QRD167J-331	330 1/6W CARBON	
	R301	QRD167J-222	2.2K 1/6W CARBON	
	R302	QRD167J-222	2.2K 1/6W CARBON	
	R303	QRD167J-473	47K 1/6W CARBON	
	R304	QRD167J-473	47K 1/6W CARBON	
	R305	QRD167J-241	240 1/6W CARBON	
	R306	QRD167J-241	240 1/6W CARBON	
	R307	QRD167J-125	1.2M 1/6W CARBON	
	R308	QRD167J-125	1.2M 1/6W CARBON	
	R309	QRD167J-125	1.2M 1/6W CARBON	
	R310	QRD167J-125	1.2M 1/6W CARBON	
	R311	QRD167J-153	15K 1/6W CARBON	
	R312	QRD167J-153	15K 1/6W CARBON	
	R313	QRD167J-204	200K 1/6W CARBON	
	R314	QRD167J-204	200K 1/6W CARBON	
	R321	QRD167J-471	470 1/6W CARBON	
	R322	QRD167J-471	470 1/6W CARBON	
	R323	QRD167J-104	100K 1/6W CARBON	
	R324	QRD167J-104	100K 1/6W CARBON	
	R325	QRD167J-104	100K 1/6W CARBON	
	R326	QRD167J-104	100K 1/6W CARBON	
⚠	R331	QRD14CJ-471S	470 1/4W UNF.CARBON	
⚠	R332	QRD14CJ-471S	470 1/4W UNF.CARBON	
	R347	QRD161J-221	220 1/6W CARBON	
	R348	QRD167J-471	470 1/6W CARBON	
	R351	QRD167J-563	56K 1/6W CARBON	
	R352	QRD167J-563	56K 1/6W CARBON	
	R353	QRD167J-563	56K 1/6W CARBON	
	R354	QRD167J-563	56K 1/6W CARBON	
	R355	QRD167J-563	56K 1/6W CARBON	
	R356	QRD167J-563	56K 1/6W CARBON	
	R357	QRD167J-105	1M 1/6W CARBON	
	R358	QRD167J-105	1M 1/6W CARBON	
	R359	QRD167J-563	56K 1/6W CARBON	
	R360	QRD167J-563	56K 1/6W CARBON	
	R361	QRD167J-105	1M 1/6W CARBON	
	R362	QRD167J-105	1M 1/6W CARBON	
	R363	QRD167J-563	56K 1/6W CARBON	
	R364	QRD167J-563	56K 1/6W CARBON	
	R371	QRD167J-331	330 1/6W CARBON	
	R372	QRD167J-331	330 1/6W CARBON	
	R373	QRD167J-331	330 1/6W CARBON	
	R374	QRD167J-331	330 1/6W CARBON	
	R375	QRD167J-331	330 1/6W CARBON	
	R376	QRD167J-331	330 1/6W CARBON	
	R377	QRD167J-331	330 1/6W CARBON	
	R378	QRD167J-331	330 1/6W CARBON	
	R379	QRD167J-331	330 1/6W CARBON	
	R380	QRD167J-331	330 1/6W CARBON	
	R381	QRD167J-331	330 1/6W CARBON	
	R382	QRD167J-331	330 1/6W CARBON	
	R383	QRD167J-331	330 1/6W CARBON	
	R384	QRD167J-331	330 1/6W CARBON	
⚠	R391	QRD14CJ-681S	680 1/4W UNF.CARBON	
⚠	R392	QRD14CJ-681S	680 1/4W UNF.CARBON	
	R401	QRD167J-101	100 1/6W CARBON	
	R402	QRD167J-101	100 1/6W CARBON	
	R403	QRD167J-474	470K 1/6W CARBON	
	R404	QRD167J-474	470K 1/6W CARBON	
	R405	QRD167J-474	470K 1/6W CARBON	
	R406	QRD167J-474	470K 1/6W CARBON	
	R407	QRD167J-104	100K 1/6W CARBON	
	R408	QRD167J-104	100K 1/6W CARBON	
	R409	QRD167J-471	470 1/6W CARBON	
	R410	QRD167J-471	470 1/6W CARBON	
⚠	R415	QRD14CJ-471S	470 1/4W UNF.CARBON	
⚠	R416	QRD14CJ-471S	470 1/4W UNF.CARBON	
	R417	QRD167J-102	1K 1/6W CARBON	
	R418	QRD167J-102	1K 1/6W CARBON	
	R419	QRD167J-105	1M 1/6W CARBON	
	R420	QRD167J-104	100K 1/6W CARBON	
	R421	QRD167J-102	1K 1/6W CARBON	
	R442	QRD167J-331	330 1/6W CARBON	
	RA211	QRB055J-223	22K 1/8W R.NETWORK	

⚠ : SAFETY PARTS

Others

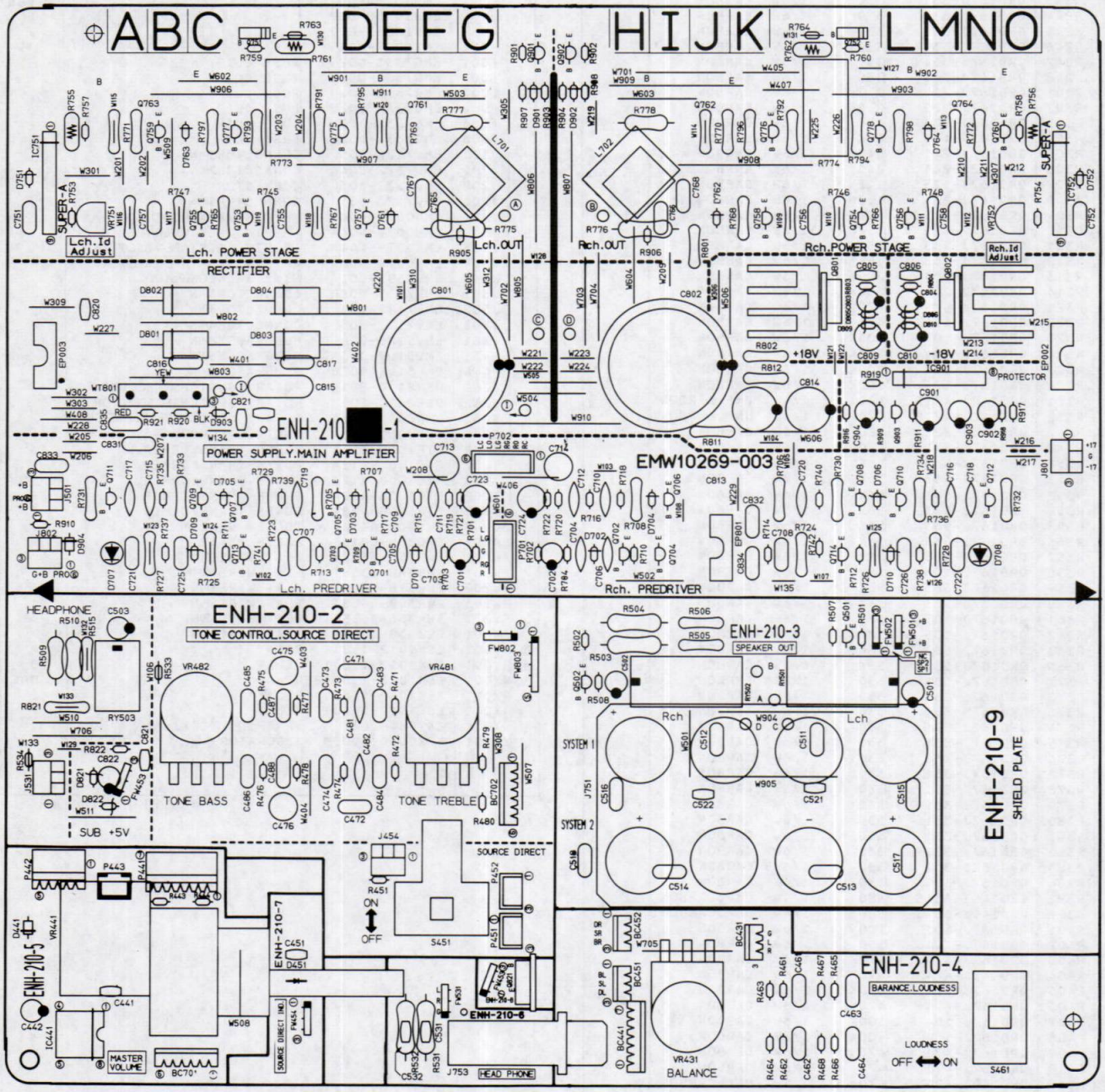
⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
		EWT031-027	TERMINAL WIRE	
		EMW10268-002		A
		EMW10268-002		B
		EMW10268-002BS		DBS
		EMW10268-002		E
		EMW10268-002		F
	001	EMZ4001-001	TAB	
	F001	EMG7331-002	FUSE CLIP	
	F001	EMG7331-002U	FUSE CLIP	
	F002	EMG7331-002	FUSE CLIP	
	F002	EMG7331-002U	FUSE CLIP	
	F003	EMG7331-002	FUSE CLIP	F
	F003	EMG7331-002U	FUSE CLIP	F
	J121	EMV7122-005	CONNECTOR 5PIN	
	J202	EMV7122-004	CONNECTOR 7PIN	
	J202	EMV7122-103	CONNECTOR	
	J203	EMV7122-005	CONNECTOR 5PIN	
	J301	EMN00TV-406A	4P PIN JACK PHONO, CD	
	J302	EMN00TV-404A	4P PIN JACK TUNER, AUX	
	J303	EMN00TV-404A	4P PIN JACK TAPE-1 REC/PLAY	
	J304	EMN00TV-406A	4P PIN JACK TAPE-2 REC/PLAY	
	J347	QMS3533-001	MINI JACK COMPULINK	
	J381	EMV7125-008R	CONNECTOR 8PIN	
	J502	EMV7122-103	CONNECTOR 3PIN	
	J803	EMV7122-005	CONNECTOR 4PIN	
	P381	EMV5125-008	PLUG ASSY 8PIN	
	P431	EMV5109-003A	PLUG ASSY 3PIN	
	P444	EMV5103-002B	PLUG ASSY 2PIN	
	S261	QSR211C-E01	ROTARY SWITCH SOURCE SELECTOR	
	S262	QSR211C-E01	ROTARY SWITCH REC SELECTOR	
	S263	QSR2001-E01A	ROTARY SWITCH SPEAKER SELECTOR	
	S271	ESP0001-018	TACT SWITCH POWER SW	
⚠	T002	ETP1000-41EA	POWER TRANSFORMER	A
⚠	T002	ETP1000-41EA	POWER TRANSFORMER	B
⚠	T002	ETP1000-41EABS	POWER TRANSFORMER	DBS
⚠	T002	ETP1000-41EA	POWER TRANSFORMER	E
⚠	T002	ETP1000-41EA	POWER TRANSFORMER	F
	BC442	EWS265-A416	SOCKET WIRE 5PIN	
	EP001	E70859-001	EARTH PLATE	
	FW121	EWR35B-55LST	FLAT WIRE 5PIN	
	FW201	EWR3AB-13SST	FLAT WIRE 10PIN	
	FW202	EWR37B-13LST	FLAT WIRE 7PIN	
	FW203	EWR35B-40LST	FLAT WIRE 5PIN	
	FW271	EWR35B-25SST	FLAT WIRE 5PIN	
	FW801	EWR33B-10LST	FLAT WIRE 3PIN	
⚠	RY001	ESK1D12-118J1	RELAY	A
⚠	RY001	ESK1D12-118J1	RELAY	B
⚠	RY001	ESK1D12-118J1BS	RELAY	DBS
⚠	RY001	ESK1D12-118J1	RELAY	E
⚠	RY001	ESK1D12-118J1	RELAY	F
	WT001	E67764-203	WRAPPING TERMINAL	
	XT201	ECX0060-000EM	RESONATOR	

⚠ : SAFETY PARTS

■ENH-210 □Main Amplifier & Power Supply PC Board

Note : ENH-210 □ varies according to the areas employed. See note (1) when placing an order.

※ All printed circuit board assemblies are not arailable as service parts.



Note (1)

PC Board Ass'y	Designated Areas
ENH-210 [B]	the U.K. Australia
ENH-210 [D]	Continental Europe, Scandinavia
ENE-210 [A]	Germany

Transistors

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	Q501	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q502	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q701	2SC2240(A,B)	SILICON	TOSHIBA	
	Q702	2SC2240(A,B)	SILICON	TOSHIBA	
	Q703	2SC2240(A,B)	SILICON	TOSHIBA	
	Q704	2SC2240(A,B)	SILICON	TOSHIBA	
	Q705	2SA933LN(R,S)	SILICON	ROHM	
	Q706	2SA933LN(R,S)	SILICON	ROHM	
	Q707	2SA933LN(R,S)	SILICON	ROHM	
	Q708	2SA933LN(R,S)	SILICON	ROHM	
	Q709	2SA1207(S,T)	SILICON	SANYO	
	Q710	2SA1207(S,T)	SILICON	SANYO	
	Q711	2SC2909(S,T)	SILICON	SANYO	
	Q712	2SC2909(S,T)	SILICON	SANYO	
	Q713	2SC3311A(Q,R)	SILICON	MATSUSHITA	
	Q714	2SC3311A(Q,R)	SILICON	MATSUSHITA	
	Q751	2SD637(Q,R)	SILICON	MATSUSHITA	
	Q752	2SD637(Q,R)	SILICON	MATSUSHITA	
	Q753	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q754	2SC2240(GR,BL)	SILICON	TOSHIBA	
	Q755	2SA970(GR,BL)	SILICON	TOSHIBA	
	Q756	2SA970(GR,BL)	SILICON	TOSHIBA	
	Q757	2SC2235(O,Y)	SILICON	TOSHIBA	
	Q758	2SC2235(O,Y)	SILICON	TOSHIBA	
	Q759	2SA965(O,Y)	SILICON		
	Q760	2SA965(O,Y)	SILICON		
	Q761	2SC3854LD(O,Y)	SILICON	SANKEN	
	Q762	2SC3854LD(O,Y)	SILICON	SANKEN	
	Q763	2SA1490LD(O,Y)	SILICON	SANKEN	
	Q764	2SA1490LD(O,Y)	SILICON	SANKEN	
	Q775	2SC1740(R,S)	SILICON	ROHM	
	Q776	2SC1740(R,S)	SILICON	ROHM	
	Q777	2SA933S(R,S)	SILICON	ROHM	
	Q778	2SA933S(R,S)	SILICON	ROHM	
	Q801	2SD2061(E,F)	SILICON	ROHM	
	Q802	2SB1187(E,F)	SILICON	ROHM	
	Q821	2SD1944(J,K)	SILICON	ROHM	
	Q901	2SC2389(S,E)	SILICON	ROHM	
	Q902	2SC2389(S,E)	SILICON	ROHM	
	Q903	2SA970(GR,BL)	SILICON	TOSHIBA	

I.C.s

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	IC441	LB1639-CV	I.C.	SANYO	
	IC751	VC5022-2	I.C.	SANYO	
	IC752	VC5022-2	I.C.	SANYO	
	IC901	UPC1237HA	I.C.	NEC	

Diodes

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	D441	ERA15-02L19	SILICON	KYOUDOU	
	D451	SLR-342YCA47	L.E.D.	ROHM	
	D701	1SS119	SILICON	HITACHI	
	D702	1SS119	SILICON	HITACHI	
	D703	1SS119	SILICON	HITACHI	
	D704	1SS119	SILICON	HITACHI	
	D705	MTZ2.7JB	ZENER	ROHM	
	D706	MTZ2.7JB	ZENER	ROHM	
	D707	SLR-34VC50F124	L.E.D.	ROHM	
	D708	SLR-34VC50F124	L.E.D.	ROHM	
	D709	MTZ6.2JC	ZENER	ROHM	
	D710	MTZ6.2JC	ZENER	ROHM	
	D751	1SS119	SILICON	HITACHI	
	D752	1SS119	SILICON	HITACHI	
	D761	1SS119	SILICON	HITACHI	

Diodes

⚠	ITEM	PART NUMBER	DESCRIPTION		AREA
	D762	1SS119	SILICON	HITACHI	
	D763	1SS119	SILICON	HITACHI	
	D764	1SS119	SILICON	HITACHI	
⚠	D801	30DL2FC	SILICON	NIHONINTER	
⚠	D802	30DL2FC	SILICON	NIHONINTER	
⚠	D803	30DL2FC	SILICON	NIHONINTER	
⚠	D804	30DL2FC	SILICON	NIHONINTER	
	D805	RD18JSB3	ZENER	NEC	
	D806	RD18JSB3	ZENER	NEC	
	D809	MTZ20JC	ZENER	ROHM	
	D810	MTZ20JC	ZENER	ROHM	
	D821	RD6.8JSB1	ZENER	NEC	
	D822	RD6.8JSB3	ZENER	NEC	
	D901	1SS119	SILICON	HITACHI	
	D902	1SS119	SILICON	HITACHI	
	D903	1SS119	SILICON	HITACHI	
	D904	ERA15-02L19	SILICON	KYOUDOU	

⚠ : SAFETY PARTS

Capacitors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	C441	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C442	QETB1AM-107	100MF	10V	ELECTRO	
	C451	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C461	QFN81HJ-122	1200PF	50V	MYLAR	
	C462	QFN81HJ-122	1200PF	50V	MYLAR	
	C463	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C464	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C471	QFN81HJ-332	3300PF	50V	MYLAR	
	C472	QFN81HJ-332	3300PF	50V	MYLAR	
	C473	QFVB1HJ-183N	0.018MF	50V	T.FILM	
	C474	QFVB1HJ-183N	0.018MF	50V	T.FILM	
	C475	QEN51HM-475	4.7MF	50V	NON POLE	
	C476	QEN51HM-475	4.7MF	50V	NON POLE	
	C481	QCS21HJ-221	220PF	50V	CERAMIC	
	C482	QCS21HJ-221	220PF	50V	CERAMIC	
	C483	QFN81HJ-122	1200PF	50V	MYLAR	
	C484	QFN81HJ-122	1200PF	50V	MYLAR	
	C485	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C486	QFVB1HJ-153N	0.015MF	50V	T.FILM	
	C487	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C488	QFVB1HJ-823N	0.082MF	50V	T.FILM	
	C501	EETB1HM-105E	1MF	50V	ELECTRO	
	C502	EETB1HM-105E	1MF	50V	ELECTRO	
	C503	EETB1HM-105E	1MF	50V	ELECTRO	
	C511	QFVB1HJ-103N	0.01MF	50V	T.FILM	A
	C512	QFVB1HJ-103N	0.01MF	50V	T.FILM	A
	C513	QFVB1HJ-103N	0.01MF	50V	T.FILM	A
	C514	QFVB1HJ-103N	0.01MF	50V	T.FILM	A
	C521	QCHB1EZ-223	0.022MF	25V	CERAMIC	A
	C522	QCHB1EZ-223	0.022MF	25V	CERAMIC	A
	C531	QCGB1HK-102	1000PF	50V	CERAMIC	A
	C532	QCGB1HK-102	1000PF	50V	CERAMIC	A
	C701	EETB1HM-475E	4.7MF	50V	ELECTRO	
	C702	EETB1HM-475E	4.7MF	50V	ELECTRO	
	C703	QCS21HJ-101	100PF	50V	CERAMIC	
	C704	QCS21HJ-101	100PF	50V	CERAMIC	
	C705	QCS21HJ-101	100PF	50V	CERAMIC	
	C706	QCS21HJ-101	100PF	50V	CERAMIC	
	C707	QFN31HJ-821Z	820PF	50V	MYLAR	
	C708	QFN31HJ-821Z	820PF	50V	MYLAR	
	C709	QCS21HJ-220	22PF	50V	CERAMIC	
	C710	QCS21HJ-220	22PF	50V	CERAMIC	
	C711	QCS21HJ-220	22PF	50V	CERAMIC	
	C712	QCS21HJ-220	22PF	50V	CERAMIC	
	C713	QEN51HM-475	4.7MF	50V	NON POLE	
	C714	QEN51HM-475	4.7MF	50V	NON POLE	
	C715	QCS21HJ-680	68PF	50V	CERAMIC	
	C716	QCS21HJ-680	68PF	50V	CERAMIC	
	C717	QCS21HJ-680	68PF	50V	CERAMIC	
	C718	QCS21HJ-680	68PF	50V	CERAMIC	
	C719	QCS21HJ-220	22PF	50V	CERAMIC	
	C720	QCS21HJ-220	22PF	50V	CERAMIC	
	C723	EETB1AM-227E	220MF	10V	ELECTRO	
	C724	EETB1AM-227E	220MF	10V	ELECTRO	
	C751	QFVB1HJ-103N	0.01MF	50V	T.FILM	
	C752	QFVB1HJ-103N	0.01MF	50V	T.FILM	
	C755	QCS22HJ-680A	68PF	500V	CERAMIC	
	C756	QCS22HJ-680A	68PF	500V	CERAMIC	
	C757	QCS22HJ-680A	68PF	500V	CERAMIC	
	C758	QCS22HJ-680A	68PF	500V	CERAMIC	
	C765	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C766	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C767	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C768	QFVB1HJ-104N	0.1MF	50V	T.FILM	
	C801	EEW5608-878E	8700MF		ELECTRO	

Capacitors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	C802	EEW5608-878E	8700MF		ELECTRO	
	C803	EETB1EM-476E	47MF	25V	ELECTRO	
	C804	EETB1EM-476E	47MF	25V	ELECTRO	
	C805	QCGB1HK-102	1000PF	50V	CERAMIC	
	C806	QCGB1HK-102	1000PF	50V	CERAMIC	
	C813	EETB1JM-227E	220MF	63V	ELECTRO	
	C814	EETB1JM-227E	220MF	63V	ELECTRO	
	C815	QFH42EK-104	0.1MF	250V	M.MYLAR	
	C816	QFN82AJ-104	0.1MF	100V	MYLAR	
	C817	QFN82AJ-104	0.1MF	100V	MYLAR	
	C820	QCHB1EZ-223	0.022MF	25V	CERAMIC	
	C822	QETB1AM-476	47MF	10V	ELECTRO	
	C901	QETB1AM-227	220MF	10V	ELECTRO	
	C902	QETB1CM-226	22MF	16V	ELECTRO	
	C903	QETB1HM-475	4.7MF	50V	ELECTRO	
	C904	QETB1HM-226	22MF	50V	ELECTRO	

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	R443	QRD161J-221	220	1/6W	CARBON	
	R444	QRD161J-221	220	1/6W	CARBON	
	R451	QRD167J-181	180	1/6W	CARBON	
	R461	QRD167J-183	18K	1/6W	CARBON	
	R462	QRD167J-183	18K	1/6W	CARBON	
	R463	QRD167J-474	470K	1/6W	CARBON	
	R464	QRD167J-474	470K	1/6W	CARBON	
	R465	QRD167J-203	20K	1/6W	CARBON	
	R466	QRD167J-203	20K	1/6W	CARBON	
	R467	QRD167J-512	5.1K	1/6W	CARBON	
	R468	QRD167J-512	5.1K	1/6W	CARBON	
	R471	QRD167J-472	4.7K	1/6W	CARBON	
	R472	QRD167J-472	4.7K	1/6W	CARBON	
	R473	QRD167J-821	820	1/6W	CARBON	
	R474	QRD167J-821	820	1/6W	CARBON	
	R475	QRD167J-203	20K	1/6W	CARBON	
	R476	QRD167J-203	20K	1/6W	CARBON	
	R477	QRD167J-362	3.6K	1/6W	CARBON	
	R478	QRD167J-362	3.6K	1/6W	CARBON	
	R479	QRD167J-474	470K	1/6W	CARBON	
	R480	QRD167J-474	470K	1/6W	CARBON	
	R501	QRD167J-222	2.2K	1/6W	CARBON	
	R502	QRD167J-222	2.2K	1/6W	CARBON	
⚠	R503	QRG022J-821AM	820	2W	O.M.FILM	
⚠	R504	QRG022J-821AM	820	2W	O.M.FILM	
⚠	R505	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R506	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R509	QRG012J-102A	1K	1W	O.M.FILM	
⚠	R510	QRG012J-222A	2.2K	1W	O.M.FILM	
⚠	R511	QRZ0077-100	10	1/4W	FUSIBLE	A
⚠	R512	QRZ0077-100	10	1/4W	FUSIBLE	A
⚠	R513	QRZ0077-100	10	1/4W	FUSIBLE	A
⚠	R514	QRZ0077-100	10	1/4W	FUSIBLE	A
⚠	R531	QRG022J-331A	330	2W	O.M.FILM	
⚠	R532	QRG022J-331A	330	2W	O.M.FILM	
	R701	QRD161J-221	220	1/6W	CARBON	
	R702	QRD161J-221	220	1/6W	CARBON	
	R703	QRD167J-104	100K	1/6W	CARBON	
	R704	QRD167J-104	100K	1/6W	CARBON	
⚠	R705	QRD14CJ-101S	100	1/4W	UNF.CARBON	
⚠	R706	QRD14CJ-101S	100	1/4W	UNF.CARBON	
⚠	R707	QRD14CJ-121S	120	1/4W	UNF.CARBON	
⚠	R708	QRD14CJ-121S	120	1/4W	UNF.CARBON	
	R709	QRD167J-222	2.2K	1/6W	CARBON	
	R710	QRD167J-222	2.2K	1/6W	CARBON	
	R711	QRD167J-272	2.7K	1/6W	CARBON	
	R712	QRD167J-272	2.7K	1/6W	CARBON	
	R713	QRD167J-101	100	1/6W	CARBON	
	R714	QRD167J-101	100	1/6W	CARBON	
	R715	QRD167J-163	16K	1/6W	CARBON	
	R716	QRD167J-163	16K	1/6W	CARBON	
	R717	QRD167J-913	91K	1/6W	CARBON	
	R718	QRD167J-913	91K	1/6W	CARBON	
	R719	QRD167J-471	470	1/6W	CARBON	
	R720	QRD167J-471	470	1/6W	CARBON	
	R721	QRD167J-511	510	1/6W	CARBON	
	R722	QRD167J-511	510	1/6W	CARBON	
⚠	R723	QRD14CJ-332S	3.3K	1/4W	UNF.CARBON	
⚠	R724	QRD14CJ-332S	3.3K	1/4W	UNF.CARBON	
⚠	R725	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R726	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R729	QRD14CJ-560S	56	1/4W	UNF.CARBON	
⚠	R730	QRD14CJ-560S	56	1/4W	UNF.CARBON	
⚠	R731	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R732	QRD14CJ-221S	220	1/4W	UNF.CARBON	
⚠	R733	QRD14CJ-331S	330	1/4W	UNF.CARBON	
⚠	R734	QRD14CJ-331S	330	1/4W	UNF.CARBON	
	R735	QRD167J-333	33K	1/6W	CARBON	
	R736	QRD167J-333	33K	1/6W	CARBON	
	R737	QRD167J-333	33K	1/6W	CARBON	

Resistors

⚠	ITEM	PART NUMBER	DESCRIPTION			AREA
	R738	QRD167J-333	33K	1/6W	CARBON	
	R739	QRD167J-333	33K	1/6W	CARBON	
	R740	QRD167J-333	33K	1/6W	CARBON	
	R741	QRD167J-333	33K	1/6W	CARBON	
	R742	QRD167J-333	33K	1/6W	CARBON	
⚠	R745	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R746	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R747	QRD14CJ-470S	47	1/4W	UNF.CARBON	
⚠	R748	QRD14CJ-470S	47	1/4W	UNF.CARBON	
	R753	QRD167J-471	470	1/6W	CARBON	
	R754	QRD167J-471	470	1/6W	CARBON	
	R755	ERT-D2WFL351S	350	1/4W	THERMISTOR	
	R756	ERT-D2WFL351S	350	1/4W	THERMISTOR	
	R757	QRD167J-101	100	1/6W	CARBON	
	R758	QRD167J-101	100	1/6W	CARBON	
	R759	QRD167J-391	390	1/6W	CARBON	
	R760	QRD167J-391	390	1/6W	CARBON	
	R761	ERT-D2WHL202S	2K	1/4W	THERMISTOR	
	R762	ERT-D2WHL202S	2K	1/4W	THERMISTOR	
⚠	R765	QRD14CJ-122S	1.2K	1/4W	UNF.CARBON	
⚠	R766	QRD14CJ-122S	1.2K	1/4W	UNF.CARBON	
⚠	R767	QRD14CJ-151S	150	1/4W	UNF.CARBON	
⚠	R768	QRD14CJ-151S	150	1/4W	UNF.CARBON	
⚠	R769	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R770	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R771	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R772	QRD14CJ-100S	10	1/4W	UNF.CARBON	
⚠	R773	ERF032K-R22	0.22	3W	CEMENT	
⚠	R774	ERF032K-R22	0.22	3W	CEMENT	
⚠	R775	QRG022J-100A	10	2W	O.M.FILM	
⚠	R776	QRG022J-100A	10	2W	O.M.FILM	
⚠	R777	QRD125J-100	10	1/2W	UNF.CARBON	
⚠	R778	QRD125J-100	10	1/2W	UNF.CARBON	
⚠	R791	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R792	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R793	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R794	QRD14CJ-621S	620	1/4W	UNF.CARBON	
⚠	R795	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R796	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R797	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R798	QRD14CJ-181S	180	1/4W	UNF.CARBON	
⚠	R801	QRZ0077-100	10	1/4W	FUSIBLE	
⚠	R802	QRZ0077-100	10	1/4W	FUSIBLE	
	R803	QRD167J-123	12K	1/6W	CARBON	
	R804	QRD167J-123	12K	1/6W	CARBON	
⚠	R811	QRD14CJ-330S	33	1/4W	UNF.CARBON	
⚠	R812	QRD14CJ-330S	33	1/4W	UNF.CARBON	
⚠	R821	QRZ0077-100	10	1/4W	FUSIBLE	
	R822	QRD167J-223	22K	1/6W	CARBON	
	R901	QRD167J-272	2.7K	1/6W	CARBON	
	R902	QRD167J-272	2.7K	1/6W	CARBON	
	R903	QRD167J-153	15K	1/6W	CARBON	
	R904	QRD167J-153	15K	1/6W	CARBON	
	R905	QRD167J-104	100K	1/6W	CARBON	
	R906	QRD167J-823	82K	1/6W	CARBON	
	R907	QRD167J-223	22K	1/6W	CARBON	
	R908	QRD167J-223	22K	1/6W	CARBON	
	R909	QRD167J-103	10K	1/6W	CARBON	
	R910	QRD167J-224	220K	1/6W	CARBON	
	R911	QRD167J-473	47K	1/6W	CARBON	
	R916	QRD167J-103	10K	1/6W	CARBON	
	R917	QRD167J-103	10K	1/6W	CARBON	
	R918	QRD167J-224	220K	1/6W	CARBON	
	R919	QRD167J-332	3.3K	1/6W	CARBON	
	R920	QRD167J-273	27K	1/6W	CARBON	
	R921	QRD167J-822	8.2K	1/6W	CARBON	
	VR431	QVDB87M-EF5C	250K		VARIABLE	
	VR441	QVDB94B-E54C	50K		VARIABLE	
	VR481	QVDB87C-E15E	100K		VARIABLE	
	VR482	QVDB87C-E15E	100K		VARIABLE	
	VR751	QVPE601-501	500	0.15W	VARIABLE	
	VR752	QVPE601-501	500	0.15W	VARIABLE	

⚠ : SAFETY PARTS

Others

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
		EMW10269-003		
		EWT011-076	TERMINAL WIRE	
		E305804-001	HOLDER GUIDE	
		E305805-001	HOLDER STAY	
		E308135-003	HEAT SINK	
		E73525-003	SCREW	
		GBSG3008CC	SCREW	
		SILICON-GREASE		
		WNS3000CC	WASHER	
	J454	EMV7122-103	CONNECTOR3PIN	
	J501	EMV7122-103	CONNECTOR3PIN	
	J531	EMV7122-103	CONNECTOR3PIN	
	J751	EMB00TP-801G	SPEAKER TERMINAL	A
	J751	EMB00TP-801G	SPEAKER TERMINAL	B
	J751	EMB00TP-801H	SPEAKER TERMINAL	D
	J753	QMS6302-131	HEADPHONE JACK	
	J801	EMV7122-103	CONNECTOR3PIN	
	J802	EMV7122-103	CONNECTOR3PIN	
	L701	EQL0001-1R0	INDUCTOR	
	L702	EQL0001-1R0	INDUCTOR	
	P441	EMV5109-007B	PLUG ASSY7PIN	
	P442	EMV5109-005B	PLUG ASSY5PIN	
	P443	EMV5103-002B	PLUG ASSY2PIN	
	P451	EMV5109-003A	PLUG ASSY3PIN	
	P452	EMV5109-003A	PLUG ASSY3PIN	

Others

⚠	ITEM	PART NUMBER	DESCRIPTION	AREA
	P701	EMV5109-006A	PLUG ASSY6PIN	
	P702	EMV5109-006A	PLUG ASSY6PIN	
	S451	QSTL102-E04	PUSH SWITCHSOURCE DIRECT	
	S461	QSTL102-E02	PUSH SWITCHLOUDENESS	
	BC431	EWS293-0116	SOCKET WIRE3PIN	
	BC441	EWS297-2116	SOCKET WIRE7PIN	
	BC451	EWS293-0116	SOCKET WIRE3PIN	
	BC452	EWS293-0116	SOCKET WIRE3PIN	
	BC701	EWS296-1910	SOCKET WIRE6PIN	
	BC702	EWS296-1920	SOCKET WIRE6PIN	
	EP002	E70859-001	EARTH PLATE	
	EP003	E70859-001	EARTH PLATE	
	EP801	E70859-001	EARTH PLATE	
	FW453	EWR33B-13SST	FLAT WIRE3PIN	
	FW454	EWR33B-08LST	FLAT WIRE3PIN	
	FW501	EWR33B-35LST	FLAT WIRE3PIN	
	FW502	EWR33B-20LST	FLAT WIRE2PIN	
	FW531	EWR33B-08LST	FLAT WIRE3PIN	
	FW802	EWR33B-13LST	FLAT WIRE3PIN	
	FW803	EWR35B-16LST	FLAT WIRE4PIN	
	RY501	ESK7D24-2120	RELAYSYSTEM-1	
	RY502	ESK7D24-2120	RELAYSYSTEM-2	
	RY503	ESK5D24-21AF	RELAYHEAD PHONE	
	WT801	E67764-103	WRAPPING TERMINAL	

Accessories List

■ Accessories List

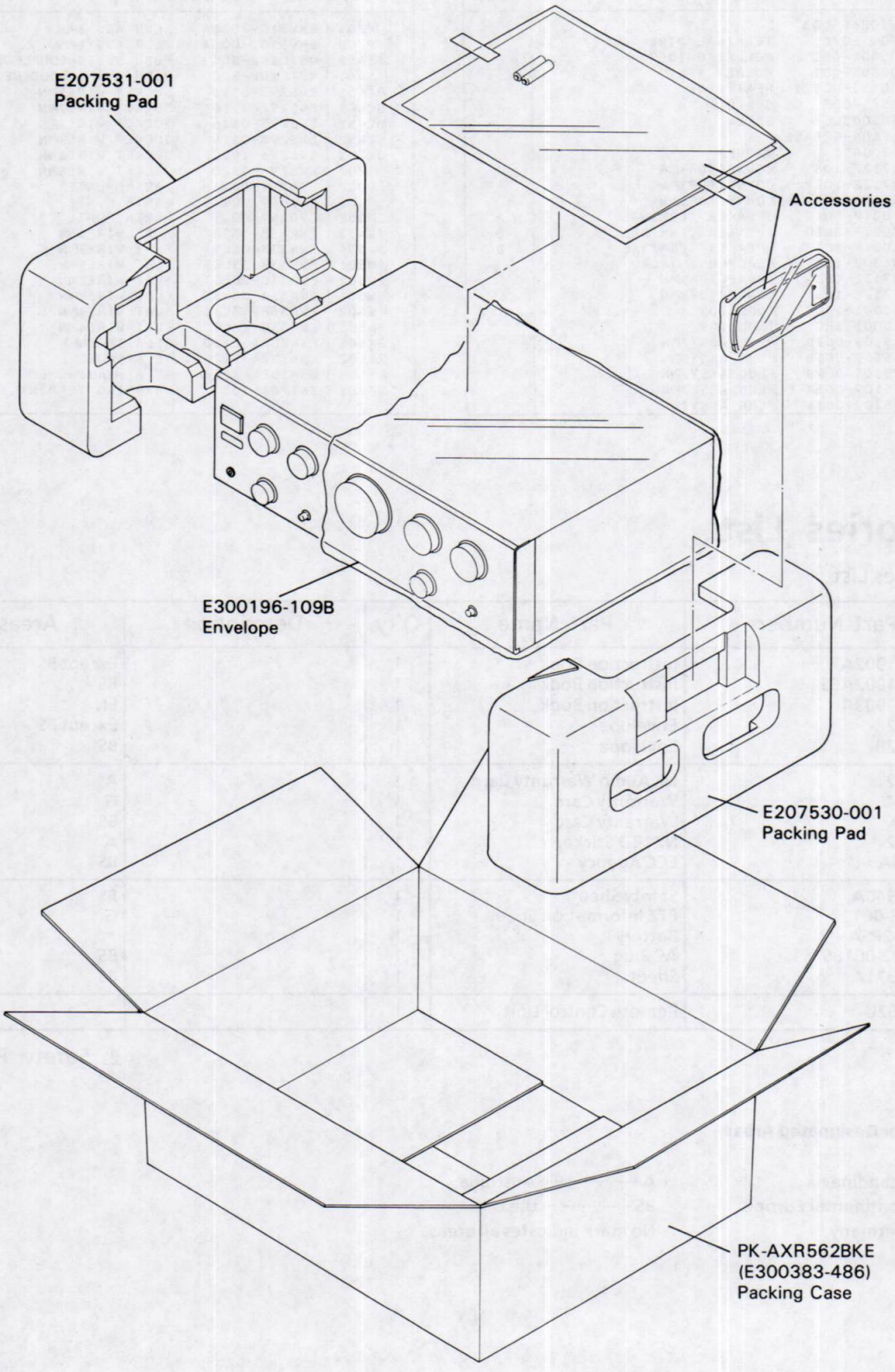
⚠	Part Number	Part Name	Q'ty	Description	Areas
	E30580-1902A	Instruction Book	1		Except BS
	E30580-1902ABS	Instruction Book	1		BS
	E30580-1903A	Instruction Book	1		EN
	E41202-2	Envelope	1		Except BS
	E41202-2B	Envelope	1		BS
	BT-20122	NZ Audio Warranty Card	1		A
	BT-20134	Warranty Card	1		G
	BT20060	Warranty Card	1		BS
	BT-20122-1	NZ LTD Sticker	1		A
	BT20066A	ECC Agency	1		BS
	E43486-340A	Safety Sheet	1		BS
	QZL1008-001	FTZ Information Sheet	1		G
	UM-4NJ-2PSA	Battery	1		
	EMCO202-001BS	AC Plug	1		BS
	E43486-371A	Sheet	1		BS
	RM-SA562U	Remote Control Unit	1		

⚠ Safety Parts

★ The Marks for Designated Areas

EN ····· Scandinavia
EF ····· Continental Europe
G ····· Germany
A ····· Australia
BS ····· the U.K.
No mark indicates all areas.

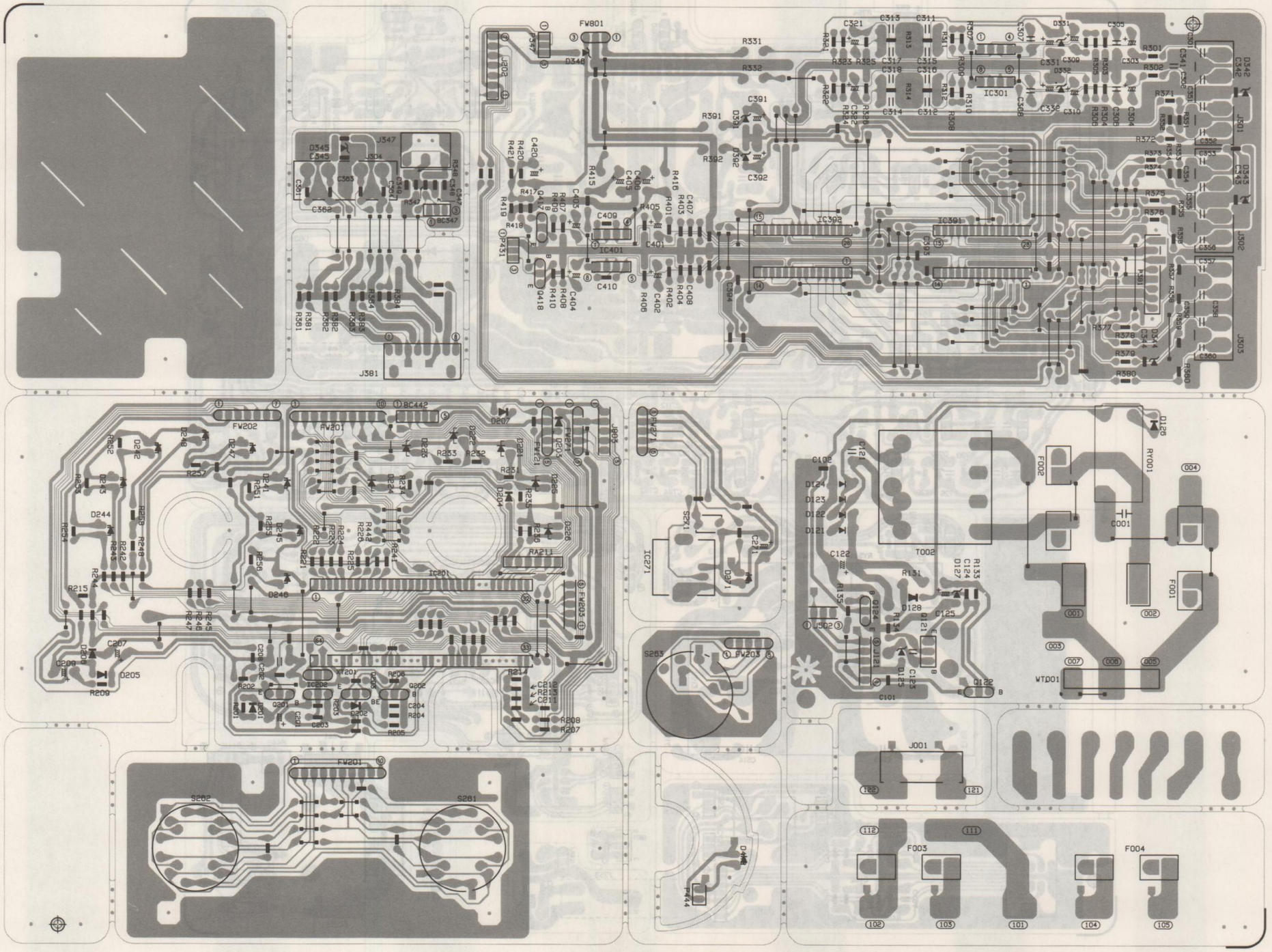
Packing Materials and Part Numbers



The Marks for Designated Areas	
EN ····· Scandinavia	A ····· Australia
EF ····· Continental Europe	BS ····· the U.K.
G ····· Germany	No mark indicates all areas.

Printed Circut Board

■ Input & Front PCB (ENE-084)

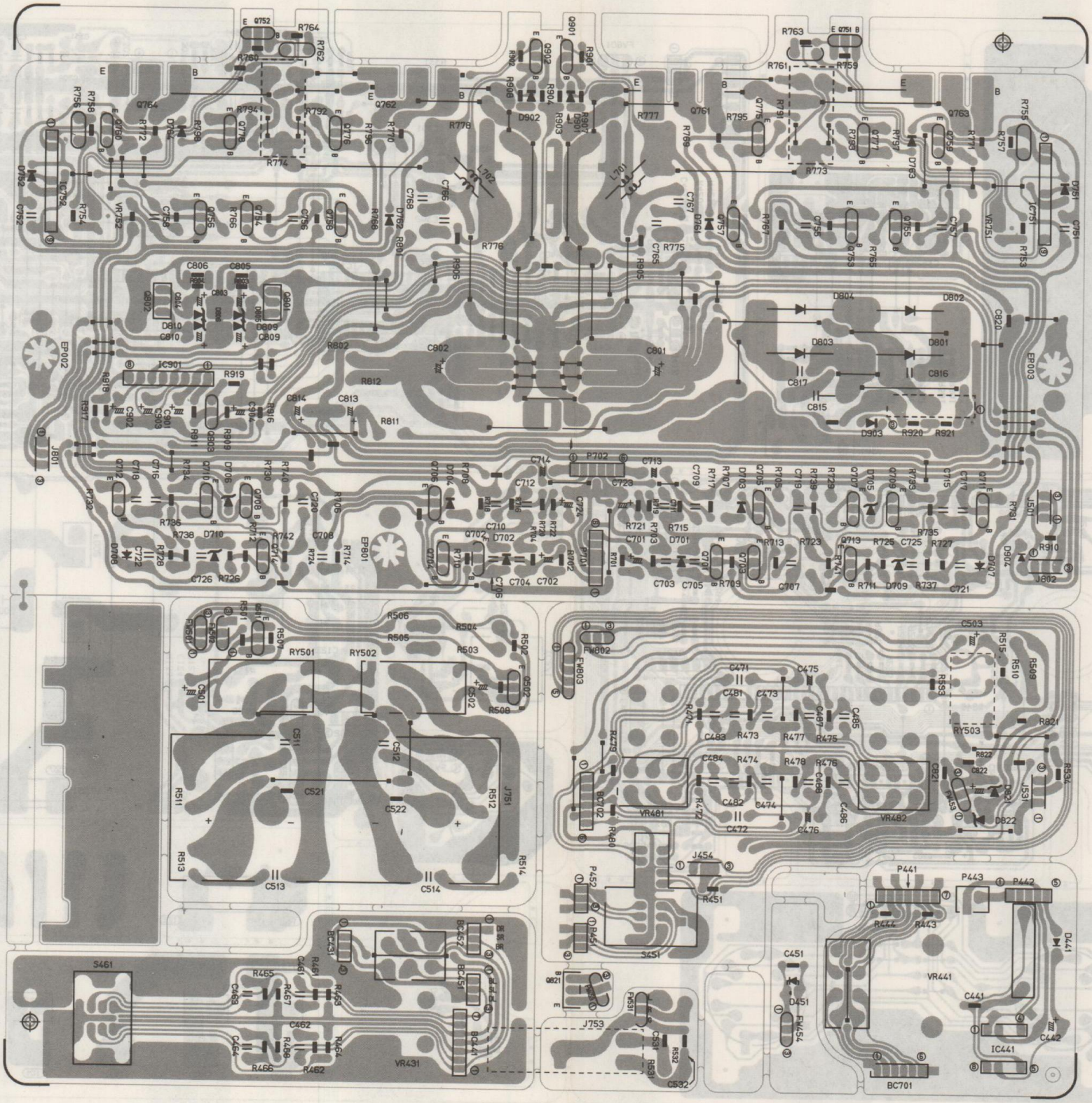


AX-R561TN	AX-R561TN
AX-R562BK	AX-R562BK

■ Main Amplifier & Power Supply PCB (ENH-210)

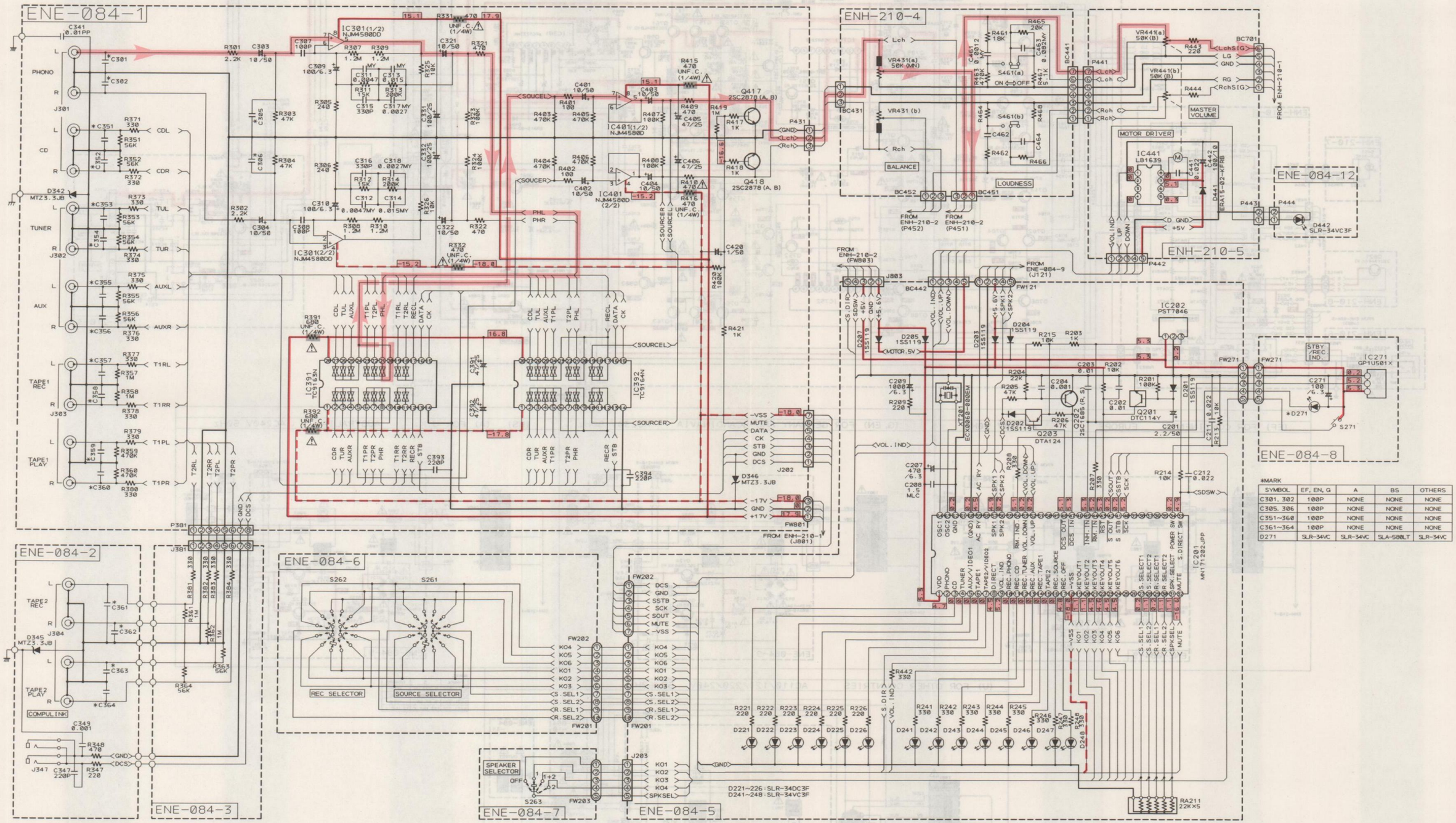
Note: This PCB is used for the followings.

- AX-R561TN Continental Europe #12700001 ~ #12700521
  Universal Type #12700001 ~ #12700314
- AX-R562BK Continental Europe #12700001 ~ #12700520



Schematic Diagrams

(1) Input & Front P.C. Board Section



Notes:

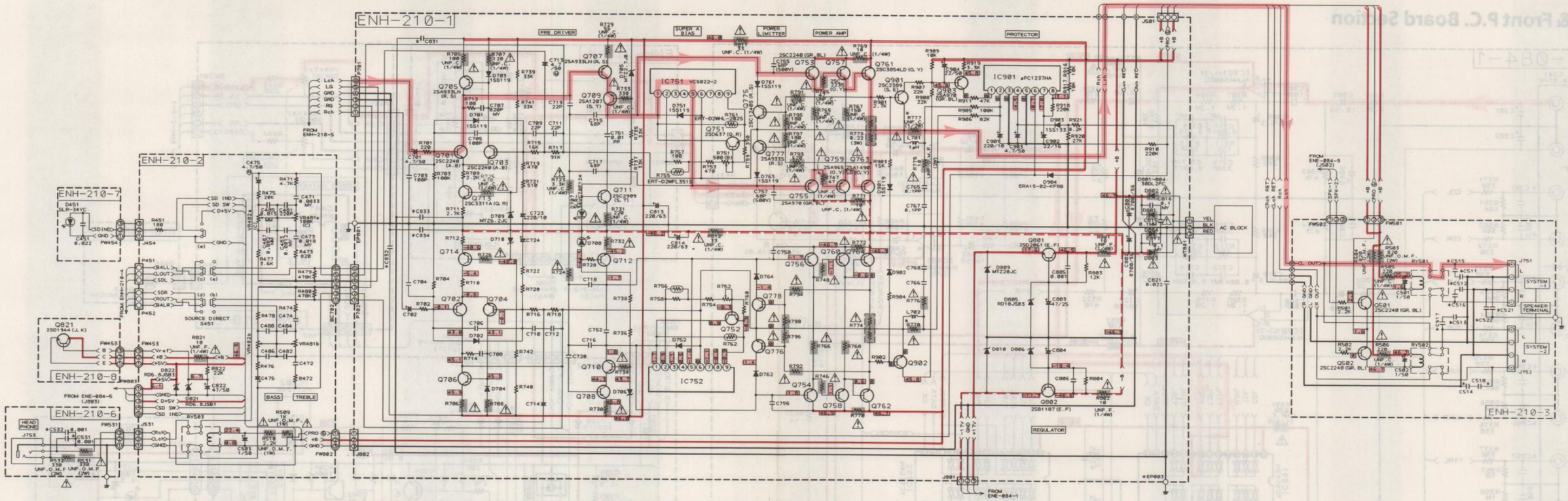
1. —— indicates + B power supply.
2. ····· indicates – B power supply.
3. ▬ indicates signal path.
4. ▭ show DC voltage to the chassis with no signal input. (Source Direct mode)
5. When replacing the parts in the darkened are (▬) and those marked with ⚠ ,be sure to use the designated parts to ensure safety.
6. This is the standard circuit diagram. The design and contents are subject to change without notice.

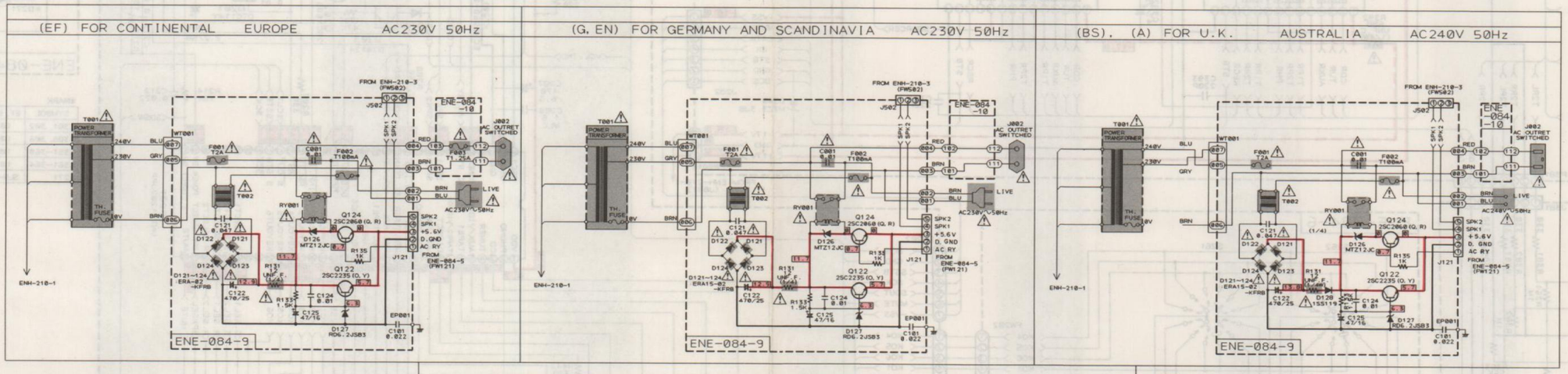
*MARK

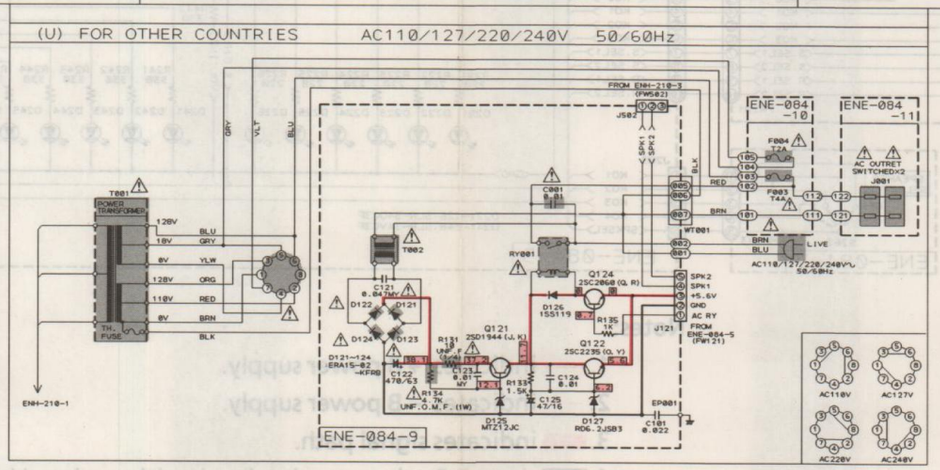
SYMBOL	EF, EN, G	A	BS	OTHERS
C301, 302	100P	NONE	NONE	NONE
C305, 306	100P	NONE	NONE	NONE
C351~360	100P	NONE	NONE	NONE
C361~364	100P	NONE	NONE	NONE
D271	SLR-34VC	SLR-34VC	SLA-580LT	SLR-34VC

AX-R561TN	AX-R561TN
AX-R562BK	AX-R562BK

(2) Power Amplifier & Power Supply P.C. Board Section







※MARK		
SYMBOL	Q	OTHERS
C511-518	0.022 MM	NONE
C531, 532	0.001	NONE
C831-834	0.01 MY	NONE
R777, 778	100 UNF.C.	10 UNF.C.

- MEMO -

JVC

VICTOR COMPANY OF JAPAN, LIMITED
AUDIO DIVISION, YAMATO PLANT, 1644, SHIMOTSURUMA, YAMATO-SHI, KANAGAWA-KEN, 242, JAPAN

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