

marantz®

Model PM-14mkII User Guide

Integrated Amplifier

ENGLISH

WARRANTY

For warranty information, contact your local Marantz distributor.

RETAIN YOUR PURCHASE RECEIPT

Your purchase receipt is your permanent record of a valuable purchase. It should be kept in a safe place to be referred to as necessary for insurance purposes or when corresponding with Marantz.

IMPORTANT

When seeking warranty service, it is the responsibility of the consumer to establish proof and date of purchase. Your purchase receipt or invoice is adequate for such proof.

FOR U.K. ONLY

This undertaking is in addition to a consumer's statutory rights and does not affect those rights in any way.

FRANÇAIS

GARANTIE

Pour des informations sur la garantie, contacter le distributeur local Marantz.

CONSERVER L'ATTESTATION D'ACHAT

L'attestation d'achat est la preuve permanente d'un achat de valeur. La conserver en lieu sûr pour s'y reporter aux fins d'obtention d'une couverture d'assurance ou dans le cadre de correspondances avec Marantz.

IMPORTANT

Pour l'obtention d'un service couvert par la garantie, il incombe au client d'établir la preuve de l'achat et d'en corroborer la date. Le reçu ou la facture constituent des preuves suffisantes.

DEUTSCH

GARANTIE

Bei Garantiefragen wenden Sie sich bitte an Ihren Marantz-Händler.

HEBEN SIE IHRE QUITTING GUT AUF

Die Quittung dient Ihnen als bleibende Unterlage für Ihren wertvollen Einkauf. Das Aufbewahren der Quittung ist wichtig, da die darin enthaltenen Angaben für Versicherungszwecke oder bei Korrespondenz mit Marantz angeführt werden müssen.

WICHTIG!

Bei Garantiefragen muß der Kunde eine Kaufunterlage mit Kaufdatum vorlegen. Ihren Quittung oder Rechnung ist als Unterlage ausreichend.

NEDERLANDS

GARANTIE

Voor inlichtingen omtrent garantie dient u zich tot uw plaatselijke Marantz.

UW KWITANTIE, KASSABON E.D. BEWAREN

Uw kwitantie, kassabon e.d. vormen uw bewijs van aankoop van een waardevol artikel en dienen op een veilige plaats bewaard te worden voor evt. verwijzing bijv. in verbod met verzekering of bij correspondentie met Marantz.

BELANGRIJK

Bij een evt. beroep op de garantie is het de verantwoordelijkheid van de consument een gedateerd bewijs van aankoop te tonen. Uw kassabon of factuur zijn voldoende bewijs.

ESPAÑOL

GARANTIA

Para obtener información acerca de la garantía póngase en contacto con su distribuidor Marantz.

GUARDE SU RECIBO DE COMPRA

Su recibo de compra es su prueba permanente de haber adquirido un aparato de valor. Este recibo deberá guardarlo en un lugar seguro y utilizarlo como referencia cuando tenga que hacer uso del seguro o se ponga en contacto con Marantz.

IMPORTANTE

Quando solicite el servicio otorgado por la garantía el usuario tiene la responsabilidad de demostrar cuándo efectuó la compra. En este caso, su recibo de compra será la prueba apropiada.

ITALIANOI

Condizioni di garanzia

L'apparecchio è garantito per 365 giorni dalla data di acquisto comprovata da un documento attestante il nominativo del rivenditore e la data di vendita. La garanzia sarà prestata con la sostituzione o riparazione gratuita delle parti difettose.

Non sono coperti da garanzia difetti derivanti da uso improprio, errata installazione, manutenzione effettuata da personale non autorizzato o, comunque, da circostanze che non possano riferirsi a difetti di funzionamento dell'apparecchio. Sono inoltre esclusi dalla garanzia gli interventi inerenti l'installazione e l'allacciamento agli impianti di alimentazione.

Gli apparecchi verranno riparati presso i nostri Centri di Assistenza. Le spese ed i rischi di trasporto sono a carico del cliente.

La casa costruttrice declina ogni responsabilità per danni diretti o indiretti provocati dalla inosservanza delle prescrizioni di installazione, uso e manutenzione dettagliate nel presente manuale.

Per informazioni sull'abbonamento al Servizio Assistenza postgaranzia e per conoscere l'indirizzo dei Centri Assistenza Marantz rivolgetevi al nostro servizio consumatori (telefono 1678-20026 - numero verde).

PORTUGUÊS

GARANTIA

Para informações sobre a garantia, contactar o distribuidor Marantz local.

GUARDAR O RECIBO DE COMPRA

O recibo é o registo permanente da compra que fez. Deve ser guardado num local seguro, para ser apresentado em questões relacionadas com o seguro ou para quando tiver de contactar a Marantz.

IMPORTANTE

Quando procurar assistência técnica ao abrigo da garantia, é da responsabilidade do consumidor estabelecer a prova e data de compra. O recibo é prova adequada.

SVENSKA

GARANTI

För information om garantin, kontakta Marantz lokalagent.

SPAR KVITTOT

Kvittot är ett inköpsbevis på en värdefull vara. Det skall förvaras säkert och hänvisas till vid försäkringsfall eller vid korrespondens med Marantz.

VIKTIGT

Fö att garantin skall gälla är det kundens sak att framställa bevis och datum om köpet. Kvitto eller faktura är tillräckligt bevis för detta.

DANSK

GARANTI

Henvend dem til Deres MARANTZ-forhandler angående information om garantien.

GEM DERES KVITTERING

Deres købskvittering er Deres varige bevis på et dyrt køb. Den bør gemmes godt og anvendes som bevis, hvis De vil tegne en forsikring, eller hvis De kommunikerer med Marantz.

VIGTIGT

Det påhviler forbrugeren at skaffe bevis for købet og købsdatoen, hvis han eller hun ønsker garantiservice. Deres købskvittering eller faktura er et fuldgældigt bevis herpå.

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CE MARKING

- CE English**
The PM-14mkII is in conformity with the EMC directive and low-voltage directive.
- CE Français**
Le PM-14mkII est conforme à la directive EMC et à la directive sur les basses tensions.
- CE Deutsch**
Das Modell PM-14mkII entspricht den EMC-Richtlinien und den Richtlinien für Niederspannungsgeräte.
- CE Nederlands**
De PM-14mkII voldoet aan de EMC eisen en de vereisten voor laag-voltage.
- CE Español**
El PM-14mkII está de acuerdo con las normas EMC y las relacionadas con baja tensión.
- CE Italiano**
Il PM-14mkII è conforme alle direttive CEE ed a quelle per i bassi voltaggi.
- CE Português**
O PM-14mkII conforma com as diretrizes EMC e de baixa voltagem.
- CE Svenska**
PM-14mkII är tillverkad i enlighet med EMC direktiven och direktiven för lågvoltsutrusning.
- CE Dansk**
Model PM-14mkII er i overensstemmelse med EMC-direktivet og direktivet om lavspænding.

English

To ventilate the unit, do not install the unit in a rack or bookshelf, and note the followings.

- Do not insert objects beneath the unit.
- Do not block the ventilation slots at the top of the unit.
Do not place anything about 1 meter above the top panel.
- Make a space of about 0.2 meter around the unit.

Français

Pour que l'appareil puisse être correctement ventilé, ne pas l'installer dans un meuble ou une bibliothèque et respecter ce qui suit.

- Ne placer aucun objet sous l'appareil.
- Ne pas obstruer les ouâes de ventilation du panneau supérieur. Ne placer aucun objet à moins d'un mètre environ du panneau supérieur.
- Veiller à ce qu'aucun objet ne soit à moins de 0.2 mètre des côtés de l'appareil.

Deutsch

Um eine einwandfreie Belüftung des Geräts zu gewährleisten, darf das Gerät nicht in einem Gestell oder Bücherregal aufgestellt werden; die folgenden Punkte sind besonders zu beachten:

- Keine Gegenstände in das Gerät einführen.
- Die Belüftungsschlitze an der Oberseite des Geräts dürfen nicht blockiert werden. Darauf achten, daß über dem Gerät ein Freiraum von mindestens 1 meter vorhanden ist.
- Auf allen Geräteseiten muß ein Zwischenraum von ungefähr 0.2 meter vorhanden sein.

Nederlands

Installeer het toestel niet in een rek of boekenkast waar de ventilatie mogelijk wordt gehinderd. Let tevens op de volgende punten:

- Plaats geen onderwerpen onder het toestel.
- Blokkeer de ventilatie-openingen aan de bovenkant van het toestel niet. Zorg dat er tenminste 1 meter vrije ruimte boven het toestel is.
- Zorg dat er 0.2 meter vrije ruimte rond het toestel is.

Español

Para ventilar la unidad no la instale en una estantería ni estante para libros, y tenga en cuenta lo siguiente:

- No ponga objetos debajo de la unidad.
- No tape las ranuras de ventilación de la parte superior de la unidad.
No ponga nada a menos de 1 metro por encima del panel superior.
- Deje un espacio de unos 0.2 metro alrededor de la unidad.

Italiano

Perché l'unità possa essere sempre ben ventilata, non installarla in scaffali o librerie e tenere presente quanto segue.

- Non inserire oggetti al di sotto dell'unità.
- Non bloccare le fessure di ventilazione sopra l'unità.
- Non posare nulla per circa un metro sopra il pannello superiore.
- Lasciare 0.2 metro liberi tutto intorno l'unità.

Português

Para ventilar o aparelho, não instalá-lo dentro duma estante ou algo similar, e observar as seguintes recomendações:

- Não insertar objectos debaixo do aparelho.
- Não bloquear as aberturas de ventilação na parte de cima do aparelho. Deixar um espaço completamente livre de cerca de 1 metro acima do painel superior.
- Deixar um espaço de cerca de 0.2 metro ao redor do aparelho.

Svenska

För att ventilera enheten, ställ den inte i ett ställ eller bokhylla och tänk på följande.

- Stick inte in föremål under enheten.
- Blockera inte ventilationshålen ovanpå enheten.
Placera inte någonting närmare än 1 meter ovanför apparaten eller enheten.
- Se till att det finns omkring 0.2 meter fri plats runt omkring enheten.

Dansk

Anbring ikke apparatet i et rack eller en boghylde, da dette kan bloke luftcirkulationen omkring apparatet. lagtag ligeledes følgende:

- Stik ikke genstande ind under apparatet.
- Bloker ikke ventilationsåbningerne ovenpå apparatet.
Anbring ikke noget nærmere end 1 m over apparatets overside,
- Sørg for, at der er et frit område på omkring 0,2 m omkring apparatet.

FOREWORD

This section must be read before any connection is made to the mains supply.

WARNINGS

- Do not expose the equipment to rain or moisture.
- Do not remove the cover from the equipment.
- Do not push anything inside the equipment through the ventilation holes.
- Do not handle the mains lead with wet hands.

EQUIPMENT MAINS WORKING SETTING

Your Marantz product has been prepared to comply with the household power and safety requirements that exist in your area.

“/02” Version product can be powered by 230 V AC only.

On the rear panel of the “/01” Version product, a voltage selector (2-position) is provided. Be sure to set the voltage selector to the mains voltage of your area before using the unit.

IMPORTANT: (For UK version only)

This apparatus is fitted with an approved moulded 13 Amp plug.

To change a fuse in this type of plug proceed as follows:

1. Remove fuse cover and fuse.
2. Fix new fuse which should be a BS1362 5A, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug fitted in its place.

If the mains plug contains a fuse, this should have a value of 5A. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5A.

NOTE:

The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13A socket elsewhere.

HOW TO CONNECT A PLUG

The wires in the mains lead are coloured in accordance with the following code:

BLUE—“NEUTRAL” (“N”)

BROWN—“LIVE” (“L”)

1. The BLUE wire must be connected to the terminal which is marked with the letter “N” or coloured BLACK.
2. The BROWN wire must be connected to the terminal which is marked with the letter “L” or coloured RED.
3. Do not connect either wires to the earth terminal in the plug which is marked by the letter “E” or by the safety earth symbol or coloured green or green-and-yellow.

Before replacing the plug cover, make certain that the cord grip is clamped over the sheath of the lead — not simply over the two wires.

COPYRIGHT

Recording and playback of any material may require consent. For further information refer to the following:

- Copyright Act 1956
- Dramatic and Musical Performers Act 1958
- Performers Protection Acts 1963 and 1972
- any subsequent statutory enactments and orders

ABOUT THIS USER GUIDE

Refer to the Figures on the page 57 at the rear of this user guide. The numbers on the diagrams correspond to those in the text. All references to the connections and controls that are printed in **BOLD** type are as they appear on the unit.

PRECAUTIONS

The following precautions should be taken when operating the equipment.

GENERAL PRECAUTIONS

When setting the equipment ensure that:

- the ventilation holes are not covered
- air is allowed to circulate freely around the equipment
- it is on a vibration free-surface
- it will not be exposed to interference from an external source
- it will not be exposed to excessive heat, cold, moisture or dust
- it will not be exposed to direct sunlight
- it will not be exposed to electrostatic discharges

Never place heavy objects on the equipment.

If a foreign body or water does enter the equipment, contact your nearest dealer or service centre.

Do not pull out the plug by pulling on the mains lead, hold the plug. It is advisable when leaving the house, or during a thunderstorm, to disconnect the equipment from the mains supply.

CONNECTIONS

(Figure 2)

CONNECTIONS OF TUNER

Connect the output jacks of your stereo tuner to the LINE 1-LINE 3 jacks of this unit.

CONNECTION OF COMPACT DISC PLAYER

Connect the output jacks of your CD player to the **CD** jacks of this unit.

CONNECTION OF TURNTABLE

Connect the L (Left) output cord of the turntable to the “**L**” **PHONE** jack of this unit, and connect the R (Right) output cord to the “**R**” **PHONE** jack. Also be sure to connect the turntable’s grounding wire to the **GND** jack of this unit. The **GND** jack does not have to be connected if the turntable is not provided with a grounding wire.

CONNECTION OF DCC/TAPE DECK

Connect the **IN** (recording input) jacks of the tape deck to the **OUT** jacks of this unit, and connect the **OUT** (playback output) jacks of the tape deck to the **IN** jacks of this unit.

CONNECTION OF SPEAKER SYSTEMS

This unit is equipped with a sets of **SPEAKER SYSTEM** terminals.

- The speakers in the speaker system should have an impedance between 4 and 16 ohms. If speakers with an impedance of less than 4 ohms are connected, the protection circuitry may be activated during play.
- Connect the Right channel speaker to the **R** terminals, and the Left channel speaker to the **L** terminals.
- The output terminals have positive (+: Red) and negative (–: Black) polarity, and each speaker also has the same polarity (+ and –). When connecting the speaker, be sure to connect the terminals with the same polarity (+with +, – with –).

NAME AND FUNCTION OF EACH PART

(Figure 1)

Ⓐ PHONE INPUT jacks

Connect the output jacks of a turntable to these jacks.

Ⓑ CD PLAYER INPUT jacks

Connect the output jacks of a Compact Disc player to these jacks.

Ⓒ LINE 1 – LINE 3 INPUT jacks

These are **LINE 1 – LINE 3** input jacks which can be used to connect the audio outputs of AV components such as TV multiplex/stereo audio tuners, VCRs, and leaserdisc players.

Ⓓ TAPE 1/TAPE 2 IN/OUT jacks

Connect the play (output) jacks and record (input) jacks of tape decks to these jacks.

Up to these tape decks can be connected.

NOTE:

When a surround processor or graphic equalizer is used, it must be connected to the **TAPE 1** jacks.

Ⓔ MM/MC SELECTOR switch

When the **INPUT SELECTOR** is set to **PHONE**, the type of cartridge used on the turntable can be selected between **MM** (Moving Magnet) and **MC** (Moving Coil) using this switch.

Set this switch according to the cartridge used on the turntable. MC is selected when the switch is set to the low position.

Ⓕ GND (GROUND) terminal

Connect the grounding wire from the turntable to this terminal.

Ⓖ SPEAKER SYSTEMS

Connect your speaker system to these terminals.

Ⓖ PRE-OUTPUT terminal

Output jack for connection to extension power-amp, mixer or similar.

① Input Selector Switch (INPUT SELECTOR)

This switch is used to select the program source (PHONO, CD, LINE 1, LINE 2, LINE 3, TAPE 1, or TAPE 2) to be recorded or played.

② CD Selector Switch (CD SELECTOR)

When the input selector switch ① is set to CD, this switch selects the program sources connected to CD UNBALANCED and CD BALANCED on the rear panel.

When the switch is not pushed (■), CD UNBALANCED is selected.

When the switch is pushed (■), CD BALANCED is selected.

③ Warm-up Meter

This meter is used to check the device's warm-up condition.

The full sound quality of audio equipment can not be obtained immediately after the power supply is turned on. It is necessary to sufficiently warm-up the device so that it can exhibit its full potential. After turning the power supply on, as time passes the temperature of each part of the device will become the same. At the same time, the electrolytic condenser is also activated.

Shortly after the power supply is turned on, the meter needle rises, and reaches approximately 2/3 of the meter range after approximately 30 minutes. At this stage, the warming-up is almost completed, and you can enjoy listening to music with the full acoustic quality of the device. The position of the meter needle immediately after the power supply is turned on and during the warming-up, and the amount of time necessary for the warming-up differ depending on the room temperature and ventilation of the room in which the device is used.

④ Volume Control Knob (VOLUME)

This knob adjusts the volume. Turning the knob to the right (○), increases the volume. The volume can also be turned up or down with the remote control unit.

⑤ Balance Control Knob (BALANCE)

This knob is used to correct the imbalance in sound which occurs in some sources such as stereo broadcasts etc, and to change the output level of the left or right channel. Note that, if the BALANCE knob is set fully to the left or right, the sound will not be output of the speaker of the opposite side.

⑥ Source Direct Switch (SOURCE DIRECT)

Pressing this switch causes the signal to be transmitted without passing through the balance and tone control circuitry, enabling you to further enjoy high-grade sound.

(The sound can not be adjusted with the BALANCE, BASS and TREBLE knobs.)

⑦ Tone Control Knobs (TREBLE, BASS)

These knobs adjust the high and low frequency ranges. The strength of each frequency range is controlled by turning the knobs. Each frequency is counter-clockwise "–".

TREBLE : Adjusts the tone of the high frequency range.

BASS : Adjusts the tone of the low frequency range.

⑧ Power Supply Switch (POWER)

Pressing this switch turns the power on and pressing it again turns the power off.

The light of the warm-up meter lights when the power is turned on. The light goes out when the power is turned off.

⑨ Headphone Jack (PHONES)

A standard stereo headphone plug can be used in this jack.

⑩ Speaker Switch (SPEAKERS)

This switch selects the speaker system.

The SYSTEM A terminal and SYSTEM B terminal are always connected. Turn the switch off when only using the headphones.

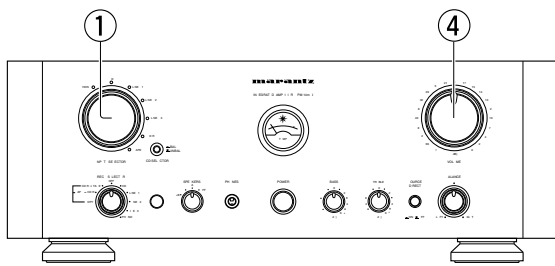
⑪ IR sensor window

This is the window which receives the infrared remote control signals. Point the remote control towards this window and correctly send the signals.

⑫ Record Selector Switch (REC SELECTOR)

This switch is used to select whether the recording is done between the tape decks with the COPY function or with a signal output to the REC OUT terminal.

PLAY OPERATION



Playing a record

- 1 Set the **INPUT SELECTOR** switch ① to the PHONO position.
- 2 Operate the record player.
- 3 Adjust the volume with the **VOLUME** knob ④.

Note:

- Set the volume to the minimum when exchanging the record player cartridge or lowering the stylus onto a record.
- Do not subject the record player to vibrations while playing records. Vibrations may cause the stylus to jump and scratch the record.
- If the record player is placed near the speakers, howling may occur and this will prevent the volume from being increased.
- Do not turn the power supply off while the stylus is still on the record.

Playing a CD

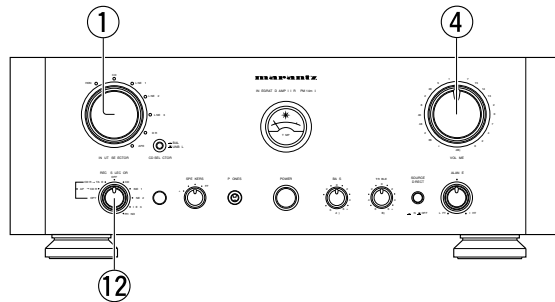
- 1 Set the **INPUT SELECTOR** switch ① to the CD position.
- 2 Operate the component connected to the selected jack.
- 3 Adjust the volume with the **VOLUME** knob ④.

Playing from LINE 1 to LINE 3

Playing a component which is connected to one of the LINE 1 to LINE 3 jacks on the rear panel.

- 1 Set the **INPUT SELECTOR** switch ① to one of the LINE 1 to LINE 3 positions.
- 2 Operate the component connected to the selected jack.
- 3 Adjust the volume with the **VOLUME** knob ④.

TAPE DECK OPERATION



Playing a Tape

- 1 Select the tape deck to be used (TAPE 1 or TAPE 2) with the **INPUT SELECTOR** switch ①.
- 2 Operate the tape deck and play a tape which has something recorded on it.
- 3 Adjust the volume with the **VOLUME** knob ④.

Recording on a Tape

Use the following procedure to record a source such as a record player, tuner, CD player, etc onto a tape.

[When recording from a CD player]

- 1 Set the **REC SELECTOR** switch ⑫ to the CD position.
- 2 Start playing the program source.
- 3 Operate the tape deck and start recording.

- The source to be recorded can be selected with the **REC SELECTOR** switch ⑫ regardless of the setting of the **INPUT SELECTOR** switch ①.

To record the record player signal PHONO position

To stop the output to the tape when recording is not required OFF position

To record the CD signal CD position

To record the signal connected to one of LINE 1 through LINE 3 Set the **REC SELECTOR** switch to one of the LINE 1 through LINE 3 positions.

Using the REC SELECTOR switch ⑫ to copy a prerecorded tape

Regardless of the program source selected with the **INPUT SELECTOR** switch ①, the **REC SELECTOR** switch ⑫ can be switched to 1 to 2 or 2 to 1 to copy from TAPE 1 to TAPE 2 or from TAPE 2 to TAPE 1.

- While copying tapes, you can listen to another program source by selecting it with the **INPUT SELECTOR** switch ①.
- TAPE COPY 1 to 2 allows you to copy the signal from the tape deck connected to TAPE 1 to the tape deck connected to TAPE 2. TAPE COPY 2 to 1 allows you to copy the signal from the tape deck connected to TAPE 2 to the tape deck connected to TAPE 1.

REMOTE CONTROL OPERATION

(Remote control unit: RC-17mkII PM)

The RC-17mkII PM remote control unit can control MARANTZ audio/video components equipped with an infrared remote sensor as well as other MARANTZ components which are connected with the above components through the remote control bus. The following illustration shows the button layout of the RC-17mkII PM.

Note that the functions of the PM-14mkII that can be remote controlled are only the volume up/down control and input selection operations.

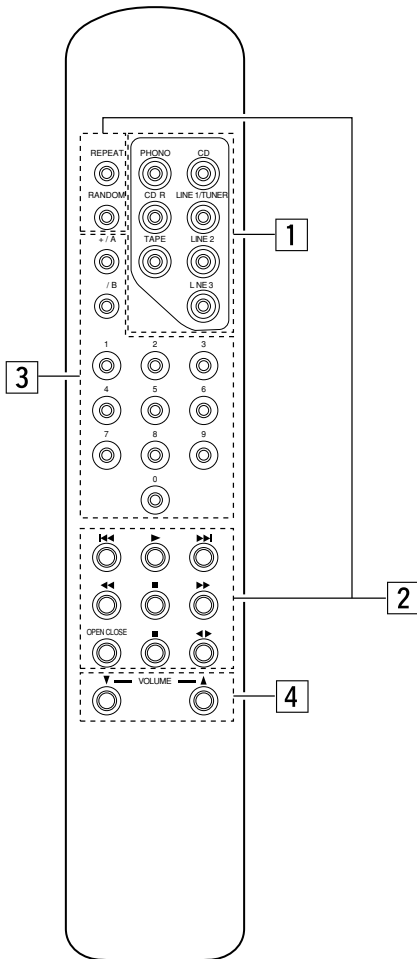


Figure 3

- 1** Group of buttons for selecting the connected components
These buttons are used as the amplifier's input selector.
- 2** Group of buttons for controlling playback, etc.
These buttons are used to control the CD player, tape deck, etc.
- 3** Group of numeric buttons
These buttons are used to enter figures for the tuner, CD player, etc.
- 4** Group of amplifier (PM-14mkII) control buttons
These buttons are used to control the listening volume.

Pressing a button in **1** (except PHONO) changes the functions of the buttons in **2** and **3** to match the selected device. For the details, refer to the following tables which show the function of the buttons for when each of the buttons in **1** is pressed.

Button functions when the **TAPE 1** button (see **1** of the figure 3) is pressed:

Button	Function
▶	Play
▶▶	Fast forward
◀◀	Rewind
◀▶	Play direction change
■	Stop
OPEN/CLOSE	Open/close (limited models only)
+	Deck A
-	Deck B
▶▶▶	Skip forward to next music
◀◀◀	Skip backward to previous music
REPEAT	Reverse mode
RANDOM	Not used.
VOL▲	Amplifier volume Up
VOL▼	Amplifier volume Down

Button functions when the **TAPE 2** button (see **1** of the figure 3) is pressed:

Button	Function
▶	Play
▶▶	Fast forward
◀◀	Rewind
◀▶	Play direction change
■	Stop
OPEN/CLOSE	Open/close
+	Deck A
-	Deck B
▶▶▶	Skip forward to next music
◀◀◀	Skip backward to previous music
REPEAT	Not used.
RANDOM	Not used.
VOL▲	Amplifier volume Up
VOL▼	Amplifier volume Down

Button functions when the **CD** button (see 1 of the figure 3) is pressed:

Button	Function
▶	Play
▶▶	Fast forward
◀◀	Rewind
◀▶	Not used.
■	Stop
OPEN/CLOSE	Open/close
+	Disc Up (changer-equipped model only)
-	Disc Down (changer-equipped model only)
▶▶▶	Skip forward to next music
◀◀◀	Skip backward to previous music
REPEAT	Repeat
RANDOM	Random play
VOL▲	Amplifier volume Up
VOL▼	Amplifier volume Down

Button functions when the **LINE 1 (TUNER)** button (see 1 of the figure 3) is pressed:

Button	Function
▶	Not used.
▶▶	Frequency Up
◀◀	Frequency Down
◀▶	Not used.
■	Not used.
OPEN/CLOSE	Not used.
+	Preset Up
-	Preset Down
▶▶▶	Programme type Up
◀◀◀	Programme type Down
REPEAT	Not used.
RANDOM	Not used.
VOL▲	Amplifier volume Up
VOL▼	Amplifier volume Down

Button functions when the **LINE 2 (TV)** button (see 1 of the figure 3) is pressed:

Button	Function
▶	VCR play
▶▶	VCR fast forward
◀◀	VCR rewind
◀▶	Not used.
■	VCR stop
OPEN/CLOSE	VCR eject
+	Channel/program Up
-	Channel/program Down
▶▶▶	VCR double-speed forward
◀◀◀	VCR double-speed backward
REPEAT	Not used.
RANDOM	Not used.
VOL▲	Amplifier volume Up
VOL▼	Amplifier volume Down

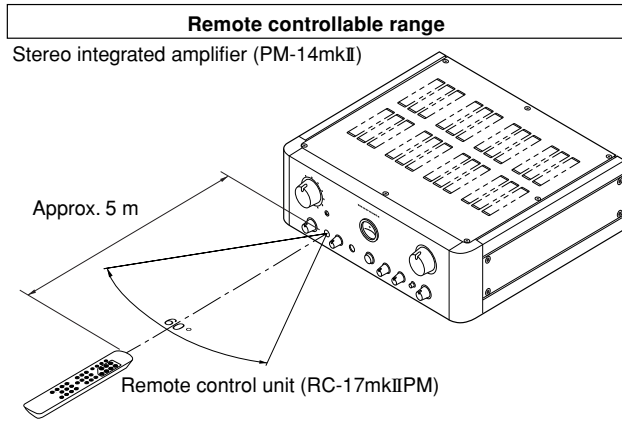
Button functions when the **LINE 3 (DVD)** button (see 1 of the figure 3) is pressed:

Button	Function
▶	Play
▶▶	Fast forward
◀◀	Rewind
◀▶	Not used.
■	Stop
OPEN/CLOSE	Eject
+	Not used.
-	Not used.
▶▶▶	Skip forward to next music
◀◀◀	Skip backward to previous music
REPEAT	Repeat
RANDOM	Random play
VOL▲	Amplifier volume Up
VOL▼	Amplifier volume Down

How to use the remote control unit

1. Remote control unit

The distance between the signal transmitter of the remote control unit (RC-17mkII PM) and the IR SENSOR of the integrated amplifier (PM-14mkII) should be less than about 5 meters. To ensure remote control, the remote control unit should be pointed accurately toward the IR SENSOR and there should be no obstacle between the remote control unit and the IR SENSOR.

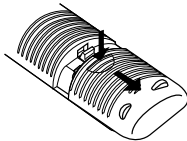


2. Loading batteries

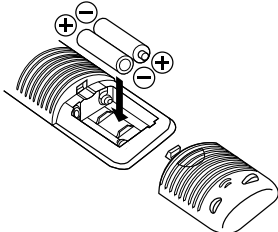
The service life of the batteries used in the remote control unit is about 1 year under normal use.

Remove the batteries when the remote control unit is not to be used for a long period of time. Replace batteries early whenever they seem to be weakened.

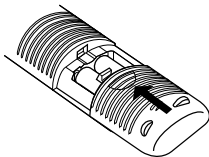
- ① Remove the back cover.



- ② Insert batteries with correct and polarity.



- ③ Slide close the battery cover until it clicks.



Improper use of batteries may cause the risk of fluid leakage or explosion.

Be specially careful in the following points.

- ① Insert the batteries with the correct and polarity as indicated inside the battery case.
- ② Do not use a brand-new battery and used battery together.
- ③ Dry cell batteries may produce different voltages even when their shapes are the same. Do not use different types of batteries together.
- ④ Some batteries are rechargeable and some are not. Be sure to read the caution and instructions described on each battery.
- ⑤ Used batteries should be disposed of in compliance with the treatment method specified for your local area.

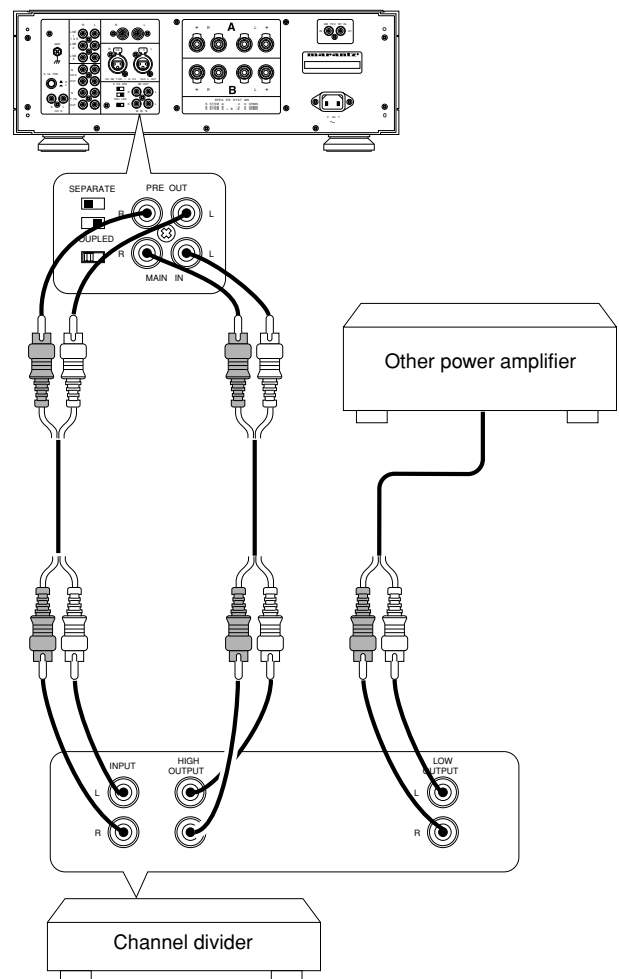
PRE OUT, MAIN INTERMINALS

When shipped from the factory, the COUPLED/SEPARATE switch is set to the COUPLED position. In this condition, the PRE OUT (pre amp output terminal) and MAIN IN (main amp input terminal) are internally connected, and can be used as the pre main amp. Therefore, it is not necessary to insert a short bar in the terminals.

If the COUPLED/SEPARATE switch is set to the SEPARATE position, the PRE OUT (pre amp output terminal) and MAIN IN (main amp input terminal) can be used individually.

Connect peripheral equipment such as power amps, channel dividers, sound effectors, etc to the PRE OUT (pre amp output terminal). Connect the pre amp to the MAIN IN (main amp input terminal).

The diagram below is an example of connecting a channel divider and expanding it into a multi amp drive.



TROUBLESHOOTING

In case of trouble with the set, first check the following before calling for service. What seems to be a serious malfunction is often due to a simple operation mistake.

If the trouble still persists after checking, please consult your dealer or nearest MARANTZ service agent.

The amplifier does not function and the indicator does not light.

1. Check if the power cord is plugged properly into an AC power outlet.

The indicator lights but the amplifier will not function.

1. Check the settings of the SELECTOR switches, VOLUME control and SPEAKERS switch.

Sound is produced only from one of the speaker systems.

1. Check the setting of the BALANCE control.
2. Turn power of the set off and change the connections of the left and right speaker systems. If sound is still not output from the same speaker system, check its connection cord or the speaker system itself.

Sound is not produced at all.

1. Check the settings of the SELECTOR switches.
2. Check the SPEAKERS switch is pressed in.
3. Check that the speaker cords are connected properly.
4. Check that the connection cords with RCA pin plugs are connected properly.

Sound from the analog turntable is not output or very noisy (hum noise).

1. Check that the connection to the PHONO jack is made properly.
2. Connect the grounding wire of the turntable to the GND terminal on the rear panel of the amplifier set. If it has already been connected, try removing it.
3. Check that the cartridge is attached properly to the tone arm.
4. Remove the power plug of the turntable from the power outlet and insert it again by inverting the relationship of the left and right blades with respect to the power outlet slots.

TECHNICAL SPECIFICATIONS (DIN)

Rated power output (20 Hz to 20 kHz, 2CH simultaneous drive)	100 W x 2 (8 Ω load) 160 W x 2 (6 Ω load) 200 W x 2 (4 Ω load)
Total harmonic distortion (20 Hz to 20 kHz, 2CH drive, 8 Ω load)	0.01 %
Cross-modulation distortion (SMPTE)	0.01 %
Output bandwidth (8 h load, 0.04 %)	10 Hz to 60 kHz
Frequency response (CD, SOURCE DIRECT)	5 Hz to 60 kHz, +0/-1 dB
Damping factor (8 h load, 20 Hz to 10 kHz)	120
Input sensitivity/input impedance	
PHONE (MC)	290 μV/100 Ω
PHONE (MM)	2.6 mV/47 kΩ
HIGH LEVEL	280 mV/10 kΩ
MAIN IN	1.8 V/100 kΩ
Output voltage/output impedance	
PRE OUT	1.8 V/250 Ω
Maximum allowable PHONE input (1 kHz)	
MC	11 mV
MM	100 mV
RIAA deviation (20 Hz to 20 kHz)	±0.2 dB
S/N (IHF A network, input shorted)	
PHONE (MC)	76 dB
PHONE (MM)	90 dB
HIGH LEVEL	110 dB
Tone control	
BASS (100 Hz)	± 8 dB
TREBLE (10 kHz)	± 8 dB
Supply voltage	230 V AC, 50 Hz
Power consumption	300 W
Dimensions	
Width	458 mm
Height	166 mm
Depth	464 mm
Weight	23.0 kg
Accessories	
Remote control unit (RC-17PM)	1
Dimensions	
Width	44 mm
Height	239 mm
Depth	17.5 mm
Weight (without batteries)	189 g
SUM-4 (R03/ "AAA" size) dry cell battery	2

Design and specifications are subject to change without notice.

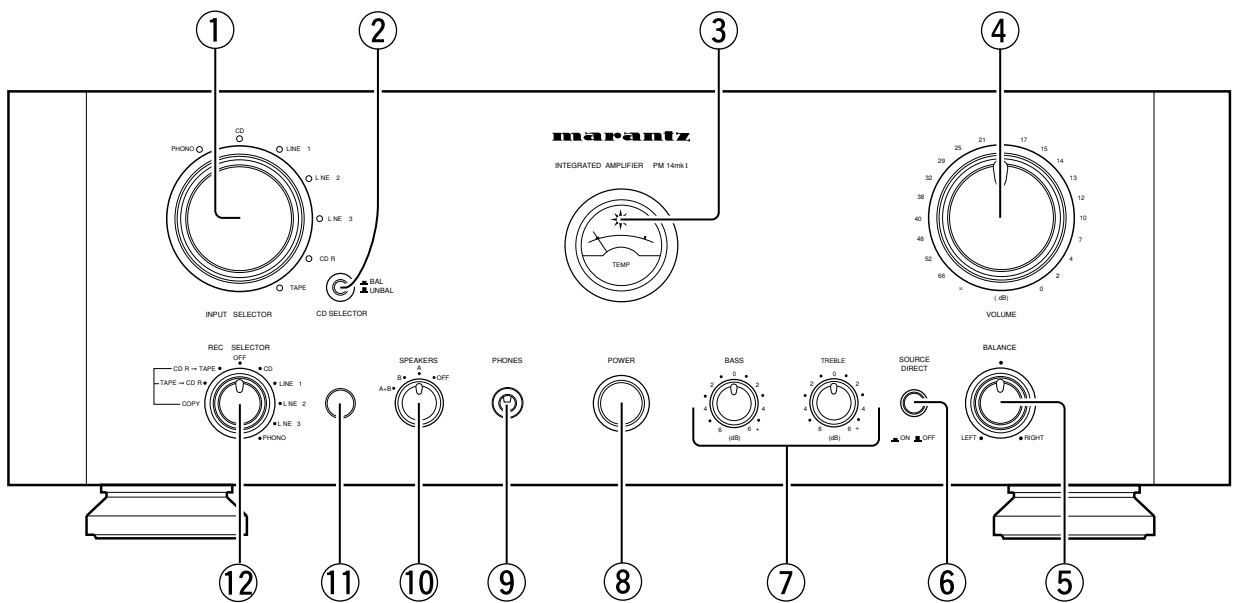
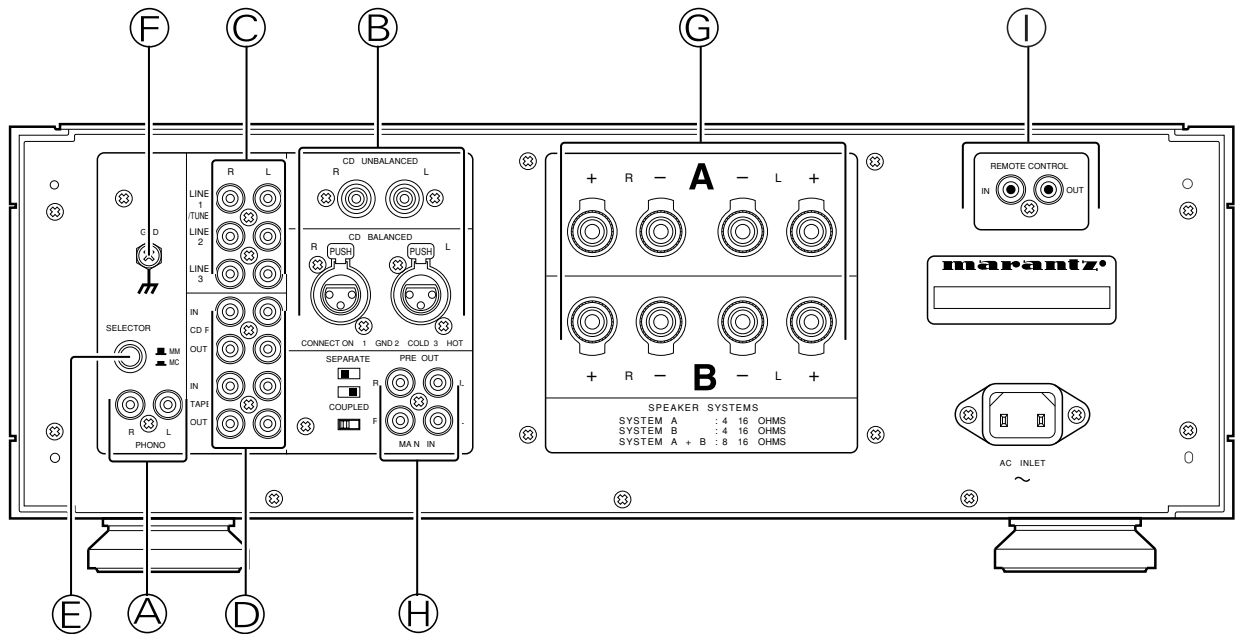
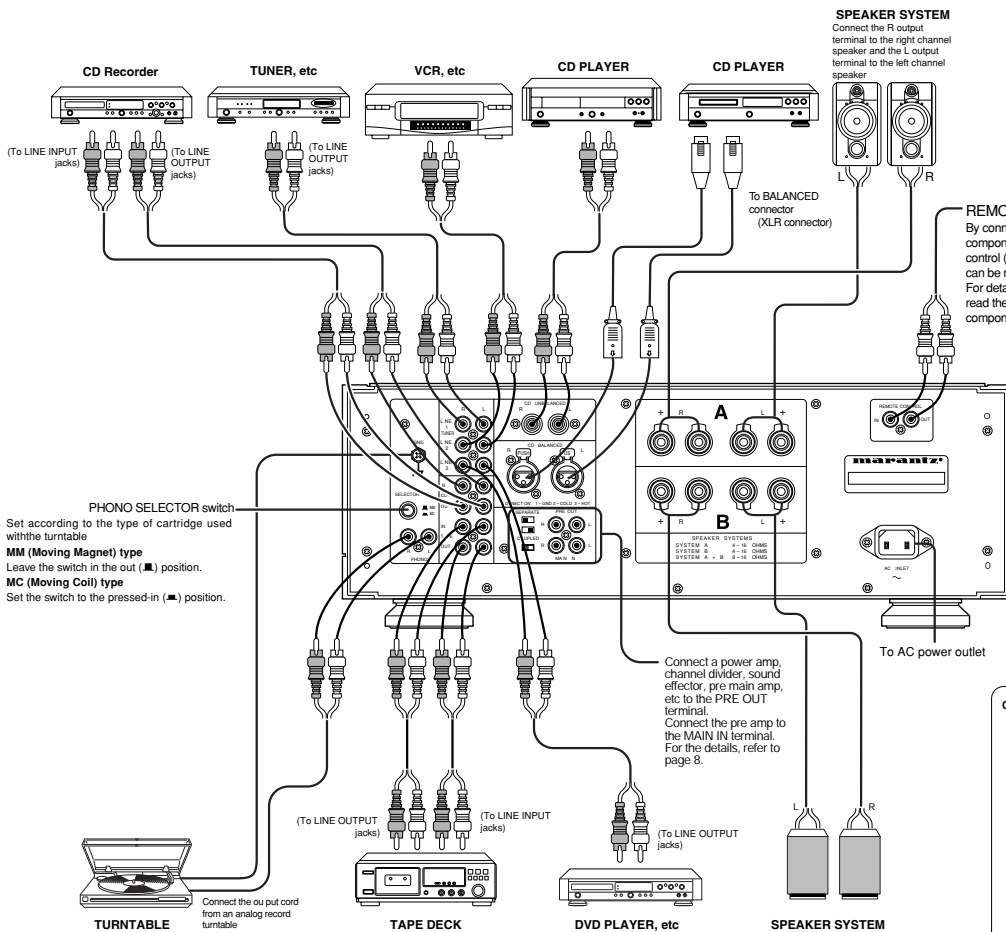


Figure 1



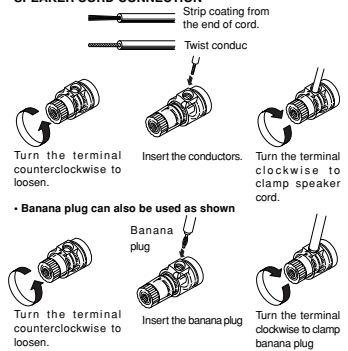
SPEAKER CONNECTIONS

This unit can accept the connection of speakers equipped with dedicated terminals for bi-wire connection.
Bi-wire connection is possible by connecting each speaker to both the **SYSTEM A** and **SYSTEM B** terminals.
Speakers which do not use bi-wire connection or which are not equipped with bi-wire connection terminals can be connected to either **SYSTEM A** or **SYSTEM B** terminals.
However, in this case, it is recommended to use the **SYSTEM A** terminals in consideration of sound quality.

- Speakers connected to this unit should have an impedance in the range of 4 to 16 ohms. If speakers with an impedance of less than 4 ohms are connected, the internal protection circuitry may switch on to cut the output during operation.
- This unit's speaker terminals are separated into positive (⊕: red) and negative (⊖: white) polarity. The terminals on the speakers are also separated by polarity (⊕ and ⊖). When making connections, be sure to connect terminals of the same polarity (⊕ to ⊕, ⊖ to ⊖).

NOTE:
In case of using two sets of speakers simultaneously, make sure the impedance of each speaker is 8 ohms or greater. If speakers with an impedance of less than 8 ohms are connected, the internal protection circuitry may switch on causing normal stereo operation to be prevented.

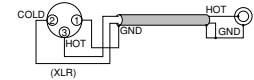
SPEAKER CORD CONNECTION



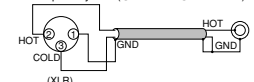
CD BALANCED terminal

- The XLR connector is used in the BALANCED terminal.
- For professional usage, there are two types of XLR connector connection method.

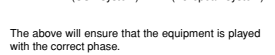
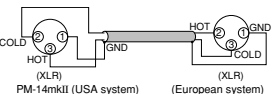
④ USA system (② PIN=COLD ③ PIN=HOT)



⑤ European system (② PIN=HOT ③ PIN=COLD)



- The USA system is used in this device (PM-14mkII).
When using an XLR connector cable and playing a CD player etc which uses the European system, the phase is reversed. In this case, as shown in the diagram below, reconnect the ① PIN and ② PIN of one side of the XLR connector to make it the USA system.



The above will ensure that the equipment is played with the correct phase.

• The TAPE 1 and TAPE 2 program source can also accept the connections with the audio output/input jacks of VCR, etc

COUNTRY	COMPANY	ADDRESS
ALGERIE	Azur 2000	8, Lotissement Ben Hatadi, Alger, Algerie
ARMENIA	NGYIG Ltd.	47 A/75 St. Lalaianis, 375000 Yerevan, Armenia
AUSTRALIA	Jamo Australia Pty. Ltd.,	24 Lionel Road, Mt. Waverley, VIC 3149, Australia
AUSTRIA	Huber & Prohaska GmbH	Taborstraße 95 / Ladestraße 1, Gebäude Hangartner, A-1200 Wien, Austria
BAHREIN	Ambassador Stores	P.O. Box 237,141, Government Avenue, Manama,Bahrein
BANGLADESH	Target	1078, Ramjoy Mohanja Lane Asadgonj, Chittagong 4000, Bangladesh
BELGIUM	Van der Heyden Audio N.V.	Brusselbaan 278, 9320 Erembodegem, Belgium
BULGARIA	Ariescommerce GmbH	Makedonia Blvd. 16, 1606 Sofia, Bulgaria
CANADA	Lenbrook Industries Limited	633 Granite Court, Pickering, Ontario
CHINA	Guang Chang Audio International Co., Ltd.	No.38 Yushan Road, ShiQiao, Pan Yu, Guang Dong, China
CYPRUS	Empire Hifi systems Ltd.	P.O. Box 5604, Nicosia, Cyprus
CZECH REPUBLIC	Audio International	Sokolska 41, 67902 Rajecsko, OKR,Blansko, Czech Republic
DENMARK	Audio Nord	Dali Allé 1, 9610 Noerager, Denmark
DUBAI	V.V. & SONS	P.O. Box 105, Dubai, U.A.E.
EGYPT	Solimco	9, El Attibaa St. Doki, Cairo, Egypt
ESTONIA	HiFi Club Estonia	Ehte 4, 90503 Haapsalu, Estonia
F.Y.R.O.M.	T.P. KODI	ul.Cedomir Kantargiev 21a, Skopje, Former Yugoslavian Republic of Macedonia
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LEBANON	AZ Electronics S.A., 1,	P.O. Box 11 2833, Beirut, Lebanon
LITHUANIA	Accapella Ltd.	Ausros, Vartu G/5, Pasazo SCKG., 2001 Vilnius, Lithuania
MALAYSIA	Wo Kee Hong Electronics Sdn. Bhd.	102 Jalan SS 21/35, Damansara Utama, 47400 Petaling Jaya, Selangordarul Ehsan, Malaysia
MALTA	Doneo Co Ltd.	78 The Strand, Sliema SLM07, Malta
MAURITIUS	SKR Electronics Ltd.	P.O. Box 685, Bell Village, Port Louis, Mauritius
MILITARY MARKET EUROPE	PASCO GmbH	PO BOX 1280, Sandhausen 69200, Germany
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RUSSIA	Absolute Audio	7/2, Montazhnaya Street, 107497 Moscow, Russia
SAUDI ARABIA	Adawlia Univ. Electr. Apl	P.O. Box 2154, Alkhobar 31952, Saudi Arabia
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SLOVENIA	Bofex	Smartinska 152, HALA V/3, 61000 Ljubljana, Slovenia
SOUTH AFRICA	Coherent Imports (PTY) Ltd.	P.O. Box 1614, Alberton, 1450, South Africa
SPAIN	Marantz Spain	Martinez Villergas 2, Apartado 2065, Madrid 28027, Spain
SRI LANKA	The listening Room	Mezzanine Floor, The Landmark 385, Galle Road, Colombo - 3, Sri Lanka
SWEDEN	Audio Nord	Almedalsvagen 4, Gotenborg 402-23, Sweden
SWITZERLAND	Sound Company AG	Postfach, 8010 Zürich, Switzerland
SYRIA	Hamzeh & Partners	Hafez Ibrahim Str. No 117, Damascus Shalan, Syria
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THAILAND	MRZ Standard Co. Ltd.	746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand
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