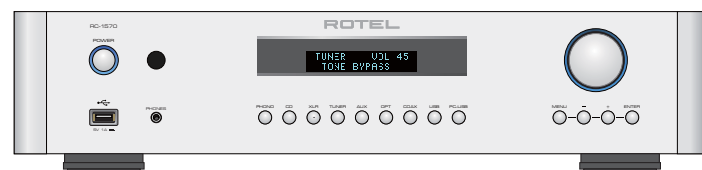


ROTEL®



RC-1570

Stereo Control Amplifier
立体声前置放大器

Owner's Manual
使用说明书

Important Safety Instructions

Notice

The COMPUTER I/O connection should be handled by authorized persons only.

WARNING: There are no user serviceable parts inside. Refer all servicing to qualified service personnel.

WARNING: To reduce the risk of fire or electric shock, do not expose the unit to moisture or water. Do not expose the unit to dripping or splashing. Do not place objects filled with liquids, such as vases, on the unit. Do not allow foreign objects to get into the enclosure. If the unit is exposed to moisture, or a foreign object gets into the enclosure, immediately disconnect the power cord from the wall. Take the unit to a qualified service person for inspection and necessary repairs.

Read all the instructions before connecting or operating the component.

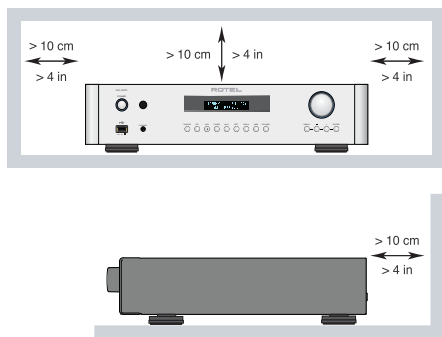
Keep this manual so you can refer to these safety instructions.

Heed all warnings and safety information in these instructions and on the product itself. Follow all operating instructions.

Clean the enclosure only with a dry cloth or a vacuum cleaner.

Do not use this unit near water.

You must allow a minimum 10 cm or 4 inches of unobstructed clearance around the unit.



Do not place the unit on a bed, sofa, rug, or similar surface that could block the ventilation openings. If the unit is placed in a bookcase or cabinet, there must be ventilation of the cabinet to allow proper cooling.

Keep the component away from radiators, heat registers, stoves, or any other appliance that produces heat.

WARNING: The rear panel power cord connector is the mains power disconnect device. The apparatus must be located in an open area that allows access to the cord connector.

The unit must be connected to a power supply only of the type and voltage specified on the rear panel. (USA: 120 V/60Hz, EC: 230V/50Hz)

Connect the component to the power outlet only with the supplied power supply cable or an exact equivalent. Do not modify the supplied cable. A polarized plug has two blades, with one wider than the other. A grounding plug has two blades plus a third grounding prong. These are provided for your safety. Do not defeat grounding and/or polarization safety provisions. If the supplied plug does not fit your outlet, please consult an electrician for replacement of the obsolete outlet. Do not use extension cords.

The main plug of the power cordset is a disconnect device of the apparatus. In order to completely disconnect the apparatus from the supply mains, the main plug of the power cordset should be unplugged from the mains (AC) outlet. The standby LED indicator will not be lit up to show the power cord is unplugged. The disconnect device shall remain readily operable.

Do not route the power cord where it will be crushed, pinched, bent, exposed to heat, or damaged in any way. Pay particular attention to the power cord at the plug and where the cord exits the back of the unit.

The power cord should be unplugged from the wall outlet during a lightning storm or if the unit is to be left unused for a long period of time.

Use only accessories specified by the manufacturer.

Use only with a cart, stand, rack, bracket or shelf system recommended by Rotel. Use caution when moving the unit in a stand or rack to avoid injury from a tip-over.



Immediately stop using the component and have it inspected and/or serviced by a qualified service agency if:

- The power supply cord or plug has been damaged
- Objects have fallen or liquid has been spilled into the unit
- The unit has been exposed to rain
- The unit shows signs of improper operation
- The unit has been dropped or damaged in any way

The batteries in the remote control should not be exposed to excessive temperature such as sunshine, fire or other heat sources.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

APPLICABLE FOR USA, CANADA OR WHERE APPROVED FOR THE USAGE

CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT. INSERT FULLY.

ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.



This symbol is to alert the user to the presence of uninsulated dangerous voltages inside the product's enclosure that may constitute a risk of electric shock.



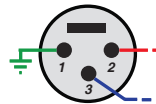
This symbol is to alert the user to important operating and maintenance (service) instructions in this manual and literature accompanying the product.



Rotel products are designed to comply with international directives on the Restriction of Hazardous Substances (RoHS) in electrical and electronic equipment and the disposal of Waste Electrical and Electronic Equipment (WEEE). The crossed wheeled bin symbol indicates compliance and that the products must be appropriately recycled or processed in accordance with these directives.



This symbol means that this unit is double insulated. An earth connection is not required.



Pin Assignments

Balanced Audio (3 pole XLR):

Pin 1: Ground / Screen

Pin 2: In phase / +ve / Hot

Pin 3: Out of phase / -ve / Cold



Figure 1: Controls and Connections

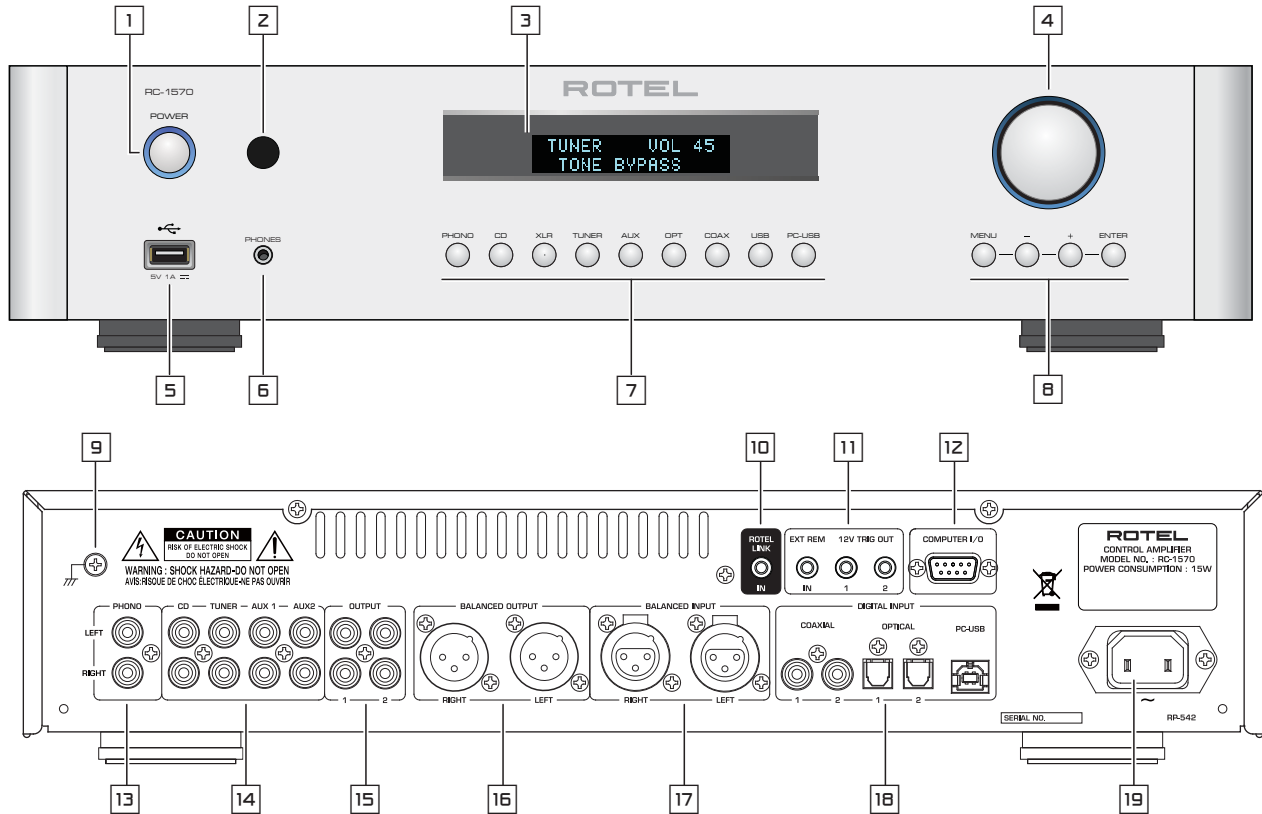


Figure 2: RR-AX92 Remote Control

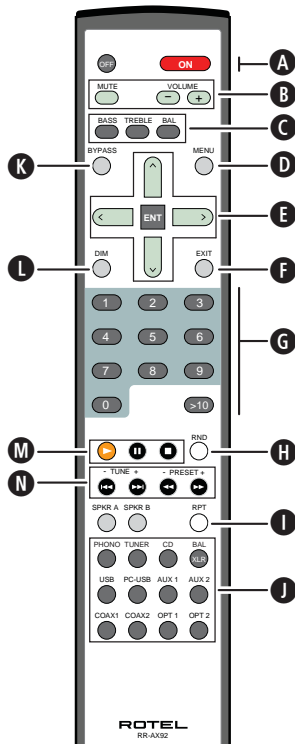


Figure 3: Analog Input and Output Connections

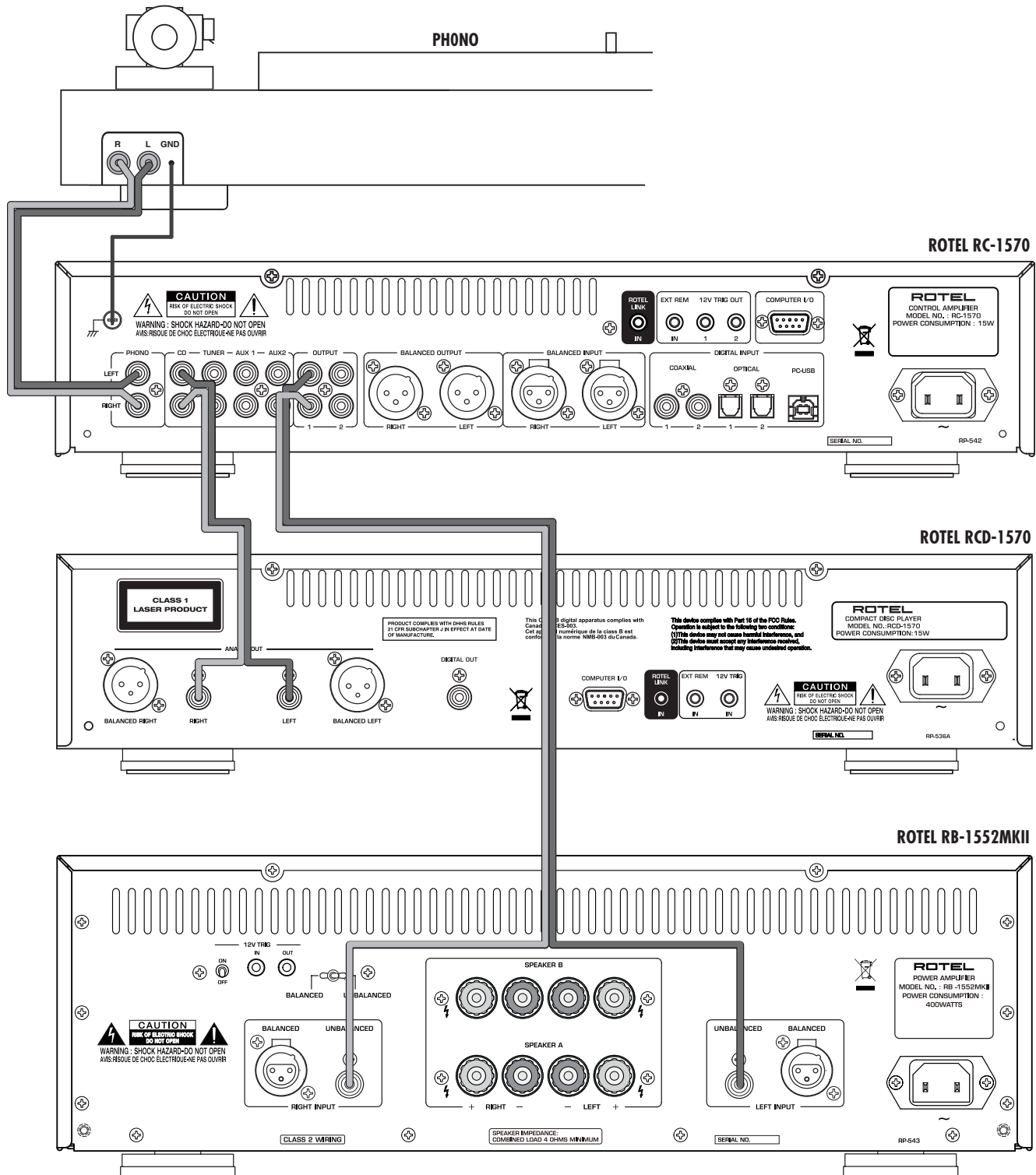


Figure 4: Balanced (XLR) Input and Output Connections

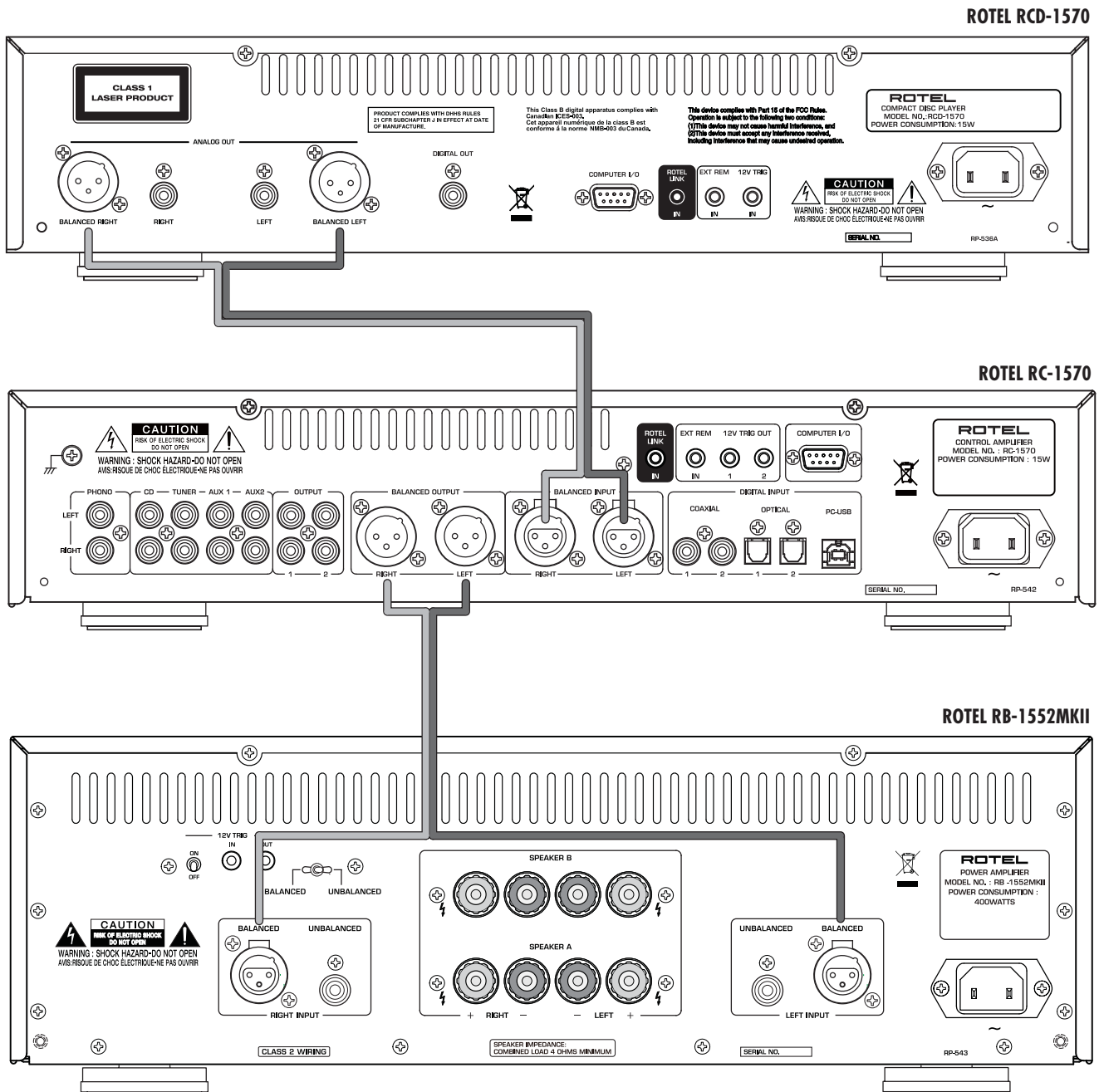


Figure 5: Digital Inputs and 12V Trigger Output

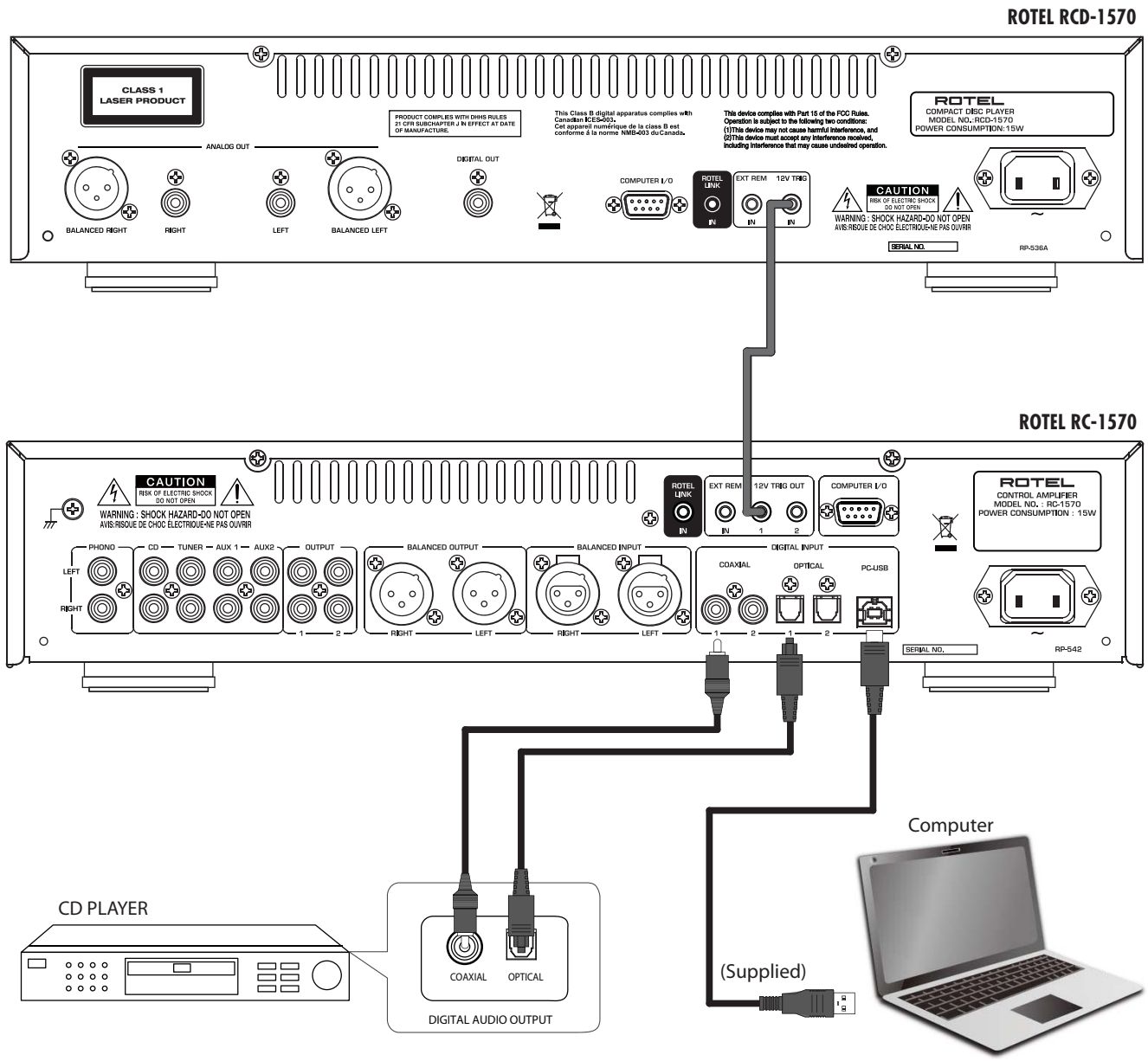
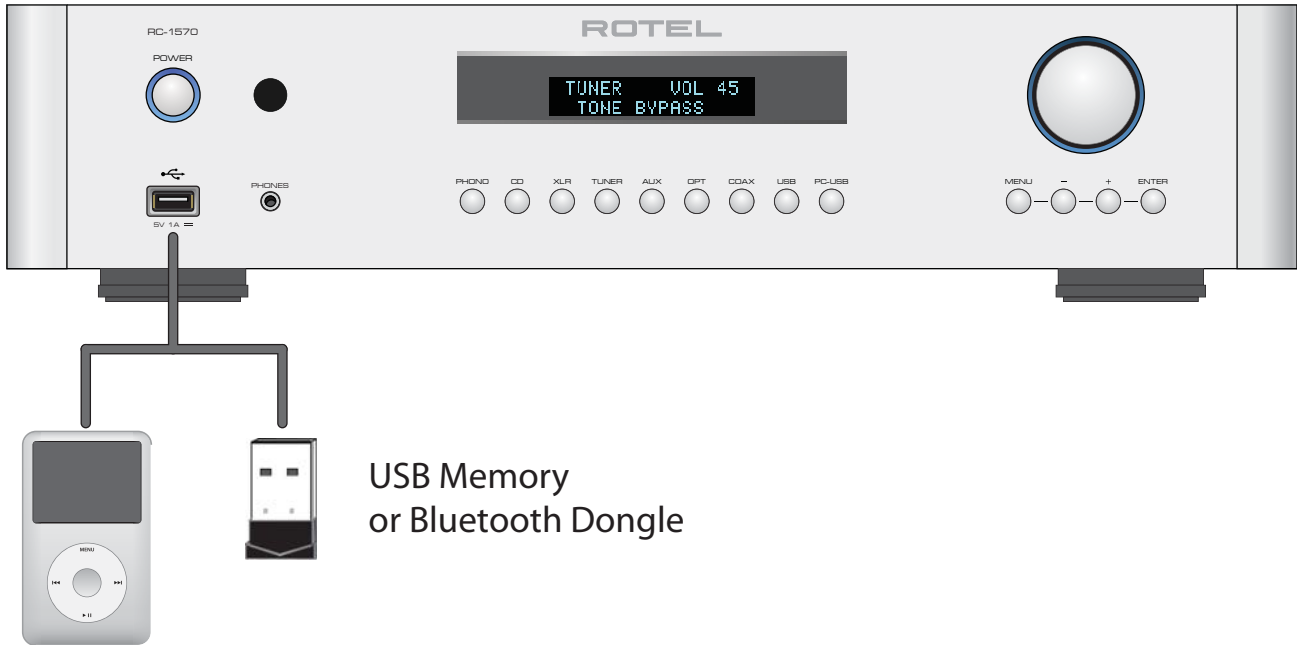


Figure 6: Front USB Input



Important Notes

When making connections be sure to:

- ✓ Turn off **all** the components in the system **before** hooking up **any** components, including loudspeakers.
- ✓ Turn off **all** components in the system **before** changing **any** of the connections to the system.

It is also recommended that you:

- ✓ Turn the volume control of the amplifier all the way down **before** the amplifier is turned **on or off**.

Remarques importantes

Pendant les branchements, assurez-vous que :

- ✓ **Tous** les maillons sont éteints **avant** leur branchement, **quels qu'ils soient**, y compris les enceintes acoustiques.
- ✓ Éteignez **tous** les maillons **avant** de modifier **quoi que ce soit** au niveau de leurs branchements, quels qu'ils soient.

Il est également recommandé de :

- ✓ Toujours baissez le niveau sonore via le contrôle de volume, **avant d'allumer ou d'éteindre** l'amplificateur.

Wichtige Hinweise

Achten Sie beim Herstellen der Verbindungen auf Folgendes:

- ✓ Schalten Sie **alle** Komponenten im System ab, **bevor** Sie Geräte (einschließlich Lautsprecher) anschließen.
- ✓ Schalten Sie **alle** Komponenten im System ab, **bevor** Sie Anschlüsse im System verändern.

Ferner empfehlen wir, dass

- ✓ Sie die Lautstärke herunterdrehen, **bevor** Sie die Endstufe **ein-** oder **abschalten**.

Notas Importantes

Cuando realice las conexiones, asegúrese de que:

- ✓ Desactiva **todos** los componentes del equipo, cajas acústicas incluidas, **antes** de conectar **cualquier nuevo componente** en el mismo.
- ✓ Desactiva **todos** los componentes del equipo **antes** de cambiar **cualquier conexión del mismo**.

También le recomendamos que:

- ✓ Reduzca el nivel de volumen de su amplificador a cero **antes** de **activarlo o desactivarlo**.

Héél belangrijk:

Bij het maken van de verbindingen:

- ✓ Zorg dat niet alleen de RC-1570, maar de **gehele** installatie uitstaat, als nog niet **alle** verbindingen gemaakt zijn.
- ✓ Zorg dat niet alleen de RC-1570, maar de **gehele** installatie ook uitstaat, **als** u verbindingen gaat **wijzigen**.

Wij raden u ook aan om

- ✓ de volumeregelaar van de voorversterker geheel dicht te draaien (volkomen naar links) **wanneer** u uw eindversterker **aan- of uitzet**.

Note importanti

Quando effettuate i collegamenti assicuratevi di:

- ✓ Spegnerne **tutti** i componenti del sistema **prima** di collegare **qualsiasi** componente, inclusi i diffusori.
- ✓ Spegnerne **tutti** i componenti del sistema **prima** di modificare **qualsiasi** connessione nel sistema.

Vi raccomandiamo inoltre di:

- ✓ Portare il volume a zero **prima** di **accendere o spegnere** l'amplificatore.

Viktigt

Tänk på följande när du gör anslutningar:

- ✓ Stäng av **alla** komponenter i anläggningen **innan** du ansluter nya komponenter, inklusive högtalare.
- ✓ Stäng av **alla** komponenter i anläggningen **innan** du ändrar någon anslutning **i anläggningen**.

Vi rekommenderar också att du

- ✓ Vrider ner volymen på förstärkaren helt och hållet **innan** förstärkaren stängs av eller sätts på.

Перед подсоединением:

- ✓ Выключите **все** компоненты, включая колонки.
- ✓ Выключите **все** компоненты в вашей системе, прежде чем что-то в ней **менять**.

Рекомендуется также:

- ✓ Вывести громкость усилителя на **минимум**, перед тем как **включать или выключать** его.

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About Rotel

Our story began over 50 years ago. Over the decades, we have received hundreds of awards for our products and satisfied hundreds of thousands of people who take their entertainment seriously - like you!

Rotel was founded by a family whose passionate interest in music led them to manufacture high-fidelity components of uncompromising quality. Through the years, that passion has remained undiminished and the family goal of providing exceptional value for audiophiles and music lovers, regardless of their budget, is shared by all Rotel employees.

Rotel's engineers work as a close team, listening to, and fine tuning, each new product until it reaches their exacting musical standards. They are free to choose components from around the world in order to make that product the best they can. You are likely to find capacitors from the United Kingdom and Germany, semiconductors from Japan or the United States, while toroidal power transformers are manufactured in Rotel's own factory.

We all have concerns about our environment. And, as more and more electronics are produced and later discarded, it is especially important for a manufacturer to do all it can to engineer products that have a minimum negative impact on landfill sites and water tables.

At Rotel, we are proud to do our part. We have reduced the lead content in our electronics by using special ROHS solder, while our new Class D (not digital) amplifiers are up to five times more efficient than our legacy designs and still deliver power and performance. These products run cool, give minimum wasted energy, are good for the environment and give better sound too.

Finally, we have printed this manual on recycled paper stock.

While we understand that these are small first steps, they are still important ones. And we continue to pursue new methods and materials for a cleaner and greener manufacturing process.

All of us at Rotel thank you for buying this product. We are sure it will bring you many years of enjoyment.

Getting Started

Thank you for purchasing the Rotel RC-1570 Stereo Control Amplifier. When used in a high-quality music audio system, your Rotel product will provide years of musical enjoyment.

The RC-1570 is a full featured, high performance component. All aspects of the design have been optimized to retain the full dynamic range and subtle nuances of your music. The RC-1570 has a highly regulated power supply incorporating a Rotel custom-designed toroidal power transformer and custom-made slit foil capacitors. This low impedance power supply has ample power reserves, which enables the RC-1570 to easily reproduce the most demanding audio signals. This type of design is more expensive to manufacture, but it is better for the music.

The printed circuit boards (PCB) are designed with Symmetrical Circuit Traces. This insures that the precise timing of the music is maintained and faithfully recreated. The RC-1570 circuitry uses metal film resistors and polystyrene or polypropylene capacitors in important signal paths. All aspects of this design have been examined to ensure the most faithful music reproduction.

The main functions of the RC-1570 are easy to install and use. If you have experience with other stereo systems, you shouldn't find anything perplexing. Simply plug in the associated components and enjoy.

A Few Precautions

WARNING: To avoid potential damage to your system, turn off ALL the components in the system when connecting or disconnecting the loudspeakers or any associated components. Do not turn the system components back on until you are sure all the connections are correct and secure. Pay particular attention to the speaker wires. There must be no loose strands that could contact the other speaker wires, or the chassis of the amplifier.

Please read this manual carefully. In addition to basic installation and operating instructions, it provides valuable information on various RC-1570 system configurations as well as general information that will help you get optimum performance from your system. Please contact your authorized Rotel dealer for answers to any questions you might have. In addition, all of us at Rotel welcome your questions and comments.

Save the RC-1570 shipping carton and all enclosed packing material for future use. Shipping or moving the RC-1570 in anything other than the original packing material may result in severe damage to your amplifier.

Fill out and send in the owner's registration card packed with the RC-1570. Also be sure to keep the original sales receipt. It is your best record of the date of purchase, which you will need in the event warranty service is ever required.

Placement

Like all audio components that handle low-level signals, the RC-1570 can be affected by its environment. Avoid placing the RC-1570 on top of other components. Also avoid routing audio signal cables near power cords. This will minimize the chance it will pick up hum or interference.

We recommend installing the RC-1570 in furniture designed to house audio components. Such furniture is designed to reduce or suppress vibration which can adversely affect sound quality. Ask your authorized Rotel dealer for advice about component furniture and proper installation of audio components.

The RC-1570 is supplied with an RR-AX92 remote control and must be placed where the infrared signal from the remote can reach the front panel Remote Sensor.

Cables

Be sure to keep the power cords, digital signal cables and regular audio signal cables in your installation away from each other. This will minimize the chance of the regular audio signal cables picking up noise or interference from the power cords or digital cables. Using only high quality, shielded cables will also help to prevent noise or interference from degrading the sound quality of your system. If you have any questions see your authorized Rotel dealer for advice about the best cable to use with your system.

The RR-AX92 Remote Control

Some functions can be done with either the front panel controls, or the supplied RR-AX92 remote control. When these operations are described, the square call out numbers refer to the main unit, while the encircled letters refer to the remote control.

NOTE: The remote control can be used to operate the basic functions of Rotel tuners and CD players. Remote control keys labeled **G H I J N** can be used to operate CD or Tuner functions in your system. For the remote to operate properly, make sure both the remote and the CD or Tuner are both in same remote code. For more information please contact your authorized Rotel dealer.

Remote Control Batteries

Two UM-4/AAA size batteries (supplied) must be installed before the remote control can be used. To install the batteries, remove the cover on the back of the RR-AX92. Install the batteries as shown in the illustration in the battery well. Test the control for proper operation, then replace the cover. When the batteries become weak the remote control won't operate the RC-1570 consistently. Installing fresh batteries should eliminate the problem.

AC Power and Control

AC Power Input **19**

Your RC-1570 is configured at the factory for the proper AC line voltage in the country where you purchased it (either 120 volts AC or 230 volts AC with a line frequency of either 50 Hz or 60 Hz). The AC line configuration is noted on a decal on the back panel.

NOTE: Should you move your unit to another country, it may be possible to reconfigure it for use on a different line voltage. Do not attempt to perform this conversion yourself. Opening the enclosure of the unit exposes you to dangerous voltages. Consult a qualified service person or the Rotel factory service department for information.

NOTE: Some products are intended for sale in more than one country and as such are supplied with more than one AC cord. Please only use the one appropriate for your country/region.

The RC-1570 should be plugged directly into a 2-pin polarized wall outlet. Do not use an extension cord. A heavy duty multi-tap power outlet strip may be used if it (and the wall outlet) is rated to handle the current demanded by the RC-1570 and all the other components connected to it.

If you are going to be away from home for an extended period of time such as a month long vacation, it is a sensible precaution to unplug the RC-1570 (as well as other audio and video components) while you are away.

POWER Switch and Power Indicator **1**

Press the front panel Power Switch button to turn the unit on. The Power Indicator light is illuminated when the unit is on. Press the Power Switch button again to turn the unit off.

When the power switch is in the ON position, the remote control ON and OFF buttons may be used to activate the RC-1570. In Standby mode the power LED remains lit, but the display is turned OFF.

NOTE: Place the self adhesive ring over the light surrounding the power switch if the blue light is too bright.

12V TRIGGER Connection **11**

Some audio components can be turned on automatically when they receive a 12V turn on "signal". The two 12V Trigger Outputs on the RC-1570 provide the required signal. Connect compatible components to the RC-1570 with a conventional 3.5mm mini mono plug cable. When the RC-1570 is in

standby mode, the trigger signal is disabled, so the components controlled by it will be turned off.

NOTE: If you are using other units in the series with Rotel link, please use the Rotel Link connection to turn the units on or off. Do not connect both the Rotel Link and 12V trigger cables. The 12V trigger's power on or off features will override the Rotel Link features.

Input Signal Connections

See Figure 3

NOTE: To prevent loud noises that neither you nor your speakers will appreciate, make sure the system is turned off when you make any signal connections.

Phono Input 13 and Ground Connection (GND) 9

See Figure 3

Plug the cable from the turntable into the appropriate left and right phono inputs. If the turntable has a "ground" wire, connect it to the screw terminal to the left of the Phono inputs. This will help prevent hum and noise.

Line Level Inputs 14

See Figure 3

The CD, Tuner, and Aux inputs of the amplifier are analog "line level" inputs. These inputs are for connecting components such as CD players or other audio playback devices with an analog audio output.

The left and right channels are clearly labeled and should be connected to the corresponding channels of the source component. The Left connectors are white, the Right connectors are red. Use high quality RCA cables for connecting input source components to the RC-1570. Ask your authorized Rotel dealer for advice about cables.

Balanced (XLR) Inputs 17

See Figure 4

A pair of balanced XLR inputs accept audio signals from CD player, Blu-ray player or other source components with XLR outputs.

NOTE: You should choose only one method of analog connection from a source component to RC-1570. Do not connect both the RCA and XLR outputs of a source component to the RC-1570 at the same time.

Digital Inputs 18

See Figure 5

There are two sets of digital inputs labeled COAXIAL 1 and 2, OPTICAL 1 and 2. Connect the COAXIAL or OPTICAL PCM outputs of your source component into these sockets. The digital signals will be decoded and played by the RC-1570. The unit is capable of decoding PCM signals up to 24 bit, 192kHz.

Output Connections

Preamp Output 15

See Figure 3

The RC-1570 RCA-type output connectors are compatible with most power amplifiers. As always, select high quality audio interconnect cables. Connect the left and right channel outputs of the RC-1570 to the corresponding inputs on the preamplifier or other component.

NOTE: There are two sets of RCA outputs on the RC-1570. The second set of outputs may be used in custom system configurations to drive a second power amplifier or to supply a signal to a special signal processor.

Balanced (XLR) Preamp Output 16

See Figure 4

A pair of XLR balanced connectors supplies an analog output signal from the RC-1570 to a power amplifier with XLR balanced input connectors.

NOTE: Do not connect both the RCA and XLR to the same amplifier at the same time.

Headphone Output 6

The headphone output allows you to connect headphones for private listening. This output accepts a standard 3.5mm (1/8") mini stereo headphone connector. Plugging in a set of headphones does not cut off the signal to the preamp outputs. In most instances you should turn off the power amplifier when listening to headphones.

NOTE: Because the sensitivity of speakers and headphones can vary widely, always reduce the volume level before connecting or disconnecting headphones.

Remote Sensor 2

This remote sensor window receives IR commands from the remote control. Please do not block this sensor.

Display 3

The front panel display shows the source selected, volume level and tone settings.

Front USB Input 5

See Figure 6

The front USB input can be connected to an iPod, iPhone, USB flash memory or the Bluetooth dongle (supplied) for wireless streaming. With iPod or iPhones, simply plug the device into the front USB and select USB function from the source selector. The iPod and iPhone remain active allowing search and play functions.


Bluetooth Connection

Insert the supplied Bluetooth Dongle into the front USB of the RC-1570 for wireless streaming via Bluetooth, from your device (i.e. mobile phones). From your mobile device, look for "Rotel Bluetooth" and connect to it. Connection is normally automatic, but if prompted for a password, please press "0000" then enter on your device.


NOTE: Not all Bluetooth dongles will operate with RC-1570. Please use the one supplied.

Audio Controls




Volume Control

Turn the controls clockwise to increase the volume, or counter clockwise to decrease the volume. From the remote control press the volume + or - key to turn the volume up or down. Press the MUTE  key to completely mute the volume.


Balance Control

The Balance Control adjusts the left-to-right balance of the sound output. The factory default is the center position or "0". To change the balance from the front panel, press the MENU  key to toggle the front display to BALANCE SETTING mode. Then press the - or + keys on the front panel to change the value to LEFT or RIGHT. The value can change from L15 to R15.


NOTE: These settings are saved permanently including after powering off the RC-1570.

To make temporary changes not saved after power off, from the remote press the BAL  key to access the BALANCE SETTING menu, then press the LEFT or RIGHT  key to adjust. When finished, press the EXIT  key to exit the menu.


Tone Control Bypass

Bass and Treble Control (Tone Control) circuits are bypassed at factory default to ensure the purest possible sound. The front display will show TONE BYPASS. To turn on the tone control from the front panel, press the MENU  key to toggle to the Bypass control then press the LEFT or RIGHT keys to turn bypass on or off.



NOTE: This setting is saved permanently including after powering off the RC-1570.

To temporarily changes the Tone Control Bypass, press the BYPASS  key on the remote control to toggle the Bypass mode enabled and disabled.

Bass and Treble Controls

Set the Bass or Treble controls from the front panel by pressing the MENU  key to toggle to either the Bass or Treble Setting menu. Then press the - or + key to adjust the value. The Bass and Treble values range from -10 to +10.


NOTE: These settings are saved permanently including after powering off the RC-1570.

To temporarily change the Bass and Treble settings from the remote control, press the Bass or Treble key , then press the LEFT or RIGHT  keys on the remote to adjust the value.


A properly setup high-performance audio system produces the most natural sound with little or no adjustment of the tone controls. Use these controls sparingly. Be particularly careful when turning the controls up as this increases the power output in the bass or treble range, increasing the load on the amplifier and speakers.




NOTE: Setting the Bass and Treble controls do not automatically turn on the tone control. To turn on tone control, refer to previous section Tone Control Bypass.

Dim Control

To change the brightness of the front display, press the MENU  button to toggle to the Display Settings. Then press the - or + keys on the front panel to change the display brightness.

NOTE: This setting is saved permanently including after powering off the RC-1570.

To temporarily change the display brightness, press the DIM  key on the remote.

NOTE: Tone Bypass, Bass, Treble, Balance and dimmer settings are only saved permanently from within the Menu. Adjustments made using the    buttons are temporary only and not saved after power off.

Function Control

The Function control selects the input signal source. From the front panel or remote press the corresponding input key to select the source to listen to.

NOTE: Pressing the Aux, Opt and Coax keys on the front panel will toggle between input 1 and input 2.

Rotel Link

This 3.5 mm stereo mini-jack (labeled ROTEL LINK IN) can optionally attach to Rotel network enabled products with ROTEL LINK OUT connections. This allows the attached Rotel products to communicate with each other and be controlled via the Rotel Remote App (available for download on the iTunes® store).

EXT REM IN Jack

This 3.5mm mini-jack receives command codes from industry-standard infrared receivers via hard-wired connections. This feature could prove useful when the unit is installed in a cabinet and the front-panel sensor is blocked. Consult your authorized Rotel dealer for information on these external repeaters and the proper wiring of a jack to fit the mini-jack receptacle.

Computer I/O Connector

The RC-1570 can be controlled via RS232 for integration with automation systems. The COMPUTER I/O input accepts a standard straight DB-9 Male-to-Female cable.

For additional information on the connections, software, and operating codes for computer control of the RC-1570, contact your authorized Rotel dealer.

PC-USB Input






See Figure 5

Connect this input using the supplied USB cable to the PC-USB socket of your computer.

NOTE: You may need to install the USB driver located on the CD supplied with the RC-1570 onto your computer to allow it to send audio to the RC-1570 via USB. Please see the included "PC-USB Windows Driver Instructions" for more detail.

NOTE: Upon successful installation of the driver, you may need to select the ROTEL audio driver from the audio/speaker setup of your computer.

Settings Menu

You can access the settings menu from the front panel by pressing the MENU  button or the MENU  button on the remote. You can change the value of the selected option by pressing the +/- key on the front panel or LEFT/RIGHT  key on the remote. Step through the sub-menus by pressing the MENU  key on the front panel or MENU  button on the remote.

- Tone Control: TONE BYPASS ON/OFF, BASS level and TREBLE levels can be changed to desired settings. Press the ENTER key on the front panel or ENT on the remote to toggle between the tone setup options. (For more information on Tone Control refer to the Tone Control Bypass, Bass and Treble control sections)

NOTE: These settings are stored permanently even after the RC-1570 is powered off.

- BALANCE: Change left/right balance (For more information on Balance sections)

NOTE: These settings are stored permanently even after the RC-1570 is powered off.

- DIMMER: Dims the display in 7 steps.

NOTE: These settings are stored permanently even after the RC-1570 is powered off.

- ROTEL LINK RCD, selects how the CD player is connected to the amplifier, either CD (analog), COAX1 or COAX2. CD is the factory default.

- POWER ON MAX VOLUME: This sets the maximum volume level when the unit is turned ON. "45" is the factory default.

NOTE: Power On Max Volume settings do not apply to sources configured with Fixed Gain.

- Fixed Gain: Configures a Fixed Volume level for a specified input. To enable this feature press the +/- keys to select the desired fixed volume level for Aux 1, Coax 1, Coax 2, Optical 1, Optical 2, PC-USB or Bluetooth. When enabled and the input with a Fixed Volume is selected, the Volume level will immediately be set to the specified level.

Valid settings include: VARIABLE, FIXED 1-95, FIXED MAX.

NOTE: The Volume knob on the front panel and Volume +/- keys on the IR remote are disabled when the volume is Fixed. To disable this feature set the Fixed Volume level to "Variable".

- AUX1 VOL: VARIABLE (disabled) is factory default.

- COAX1 VOL: VARIABLE (disabled) is factory default.

- COAX2 VOL: VARIABLE (disabled) is factory default.

- OPT1 VOL: VARIABLE (disabled) is factory default.

- OPT2 VOL: VARIABLE (disabled) is factory default.

- PC-USB VOL: VARIABLE (disabled) is factory default.

- BLUETOOTH VOL: VARIABLE (disabled) is factory default.

- PC-USB AUDIO CLASS: Change supported PC-USB Audio Class of the attached device.

NOTE: Some computers attached to the PC-USB do not support USB Audio Class 2.0 and do not support 24/192 audio playback. If needed the PC-USB can be configured for USB Audio Class 1.0. Please consult your computer operating system for details.

- Software Version : This shows the current software version loaded into the amplifier.

- FACTORY DEFAULT: This sets the unit back to the original state as when it left the factory. Press the + key on the front panel or Right key on the remote control to select <YES> then press the "ENTER" key on the front panel or "ENT" on the remote control.

NOTE: All previously configured options will be erased and reset to the factory default settings.

Troubleshooting

Most difficulties in audio systems are the result of incorrect connections, or improper control settings. If you encounter problems, isolate the area of the difficulty, check the control settings, determine the cause of the fault and make the necessary changes. If you are unable to get sound from the RC-1570, refer to the suggestions for the following conditions:

Power Indicator Is Not Illuminated

The Power Indicator ring around the power button and the basic items in the Display window should be illuminated whenever the RC-1570 is plugged into the wall power outlet and the POWER switch is pushed in. If it does not light, test the power outlet with another electrical device, such as a lamp. Be sure the power outlet being used is not controlled by a switch that has been turned off.

Fuse Replacement

If another electrical device works when plugged into the power outlet, but the Power Indicator still will not light when the RC-1570 is plugged into the wall outlet, it indicates that the internal power fuse may have blown. If you believe this has happened, contact your authorized Rotel dealer to get the fuse replaced.

No Sound

Check the signal source to see if it is functioning properly. Make sure the cables from the signal source to the RC-1570 inputs are connected properly. Check all the wiring between the RC-1570 and the power amplifier, and the speakers.

Playable Audio Format

USB Apple (iPhone, iPod, iPad)

Format	Notes
Apple Lossless	Any supported file loaded to Apple device. Phone may resample depending on stored format. May exclude Apps designed to play formats not originally supported by the sending device.
MP3	
AAC	
AIFF	
WAV	

USB Bluetooth

Format	Notes
Any format supported by the sending device.	May exclude Apps designed to play formats not originally supported by the sending device.

USB Flash Drive

Format	Notes
MP3	48K 16 Bit Maximum
WMA	
WAV	
OGG Vorbis	
M4A/AAC	


PC-USB

Format	Notes
Format determined by the Media Player/Server software that you use.	Any supported format by the PC software 44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit

Coax/Optical

Format	Notes
SPDIF LPCM	44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit

Cannot Connect via Bluetooth

If you cannot pair your Bluetooth enabled device to the RC-1570, delete the memory of the previous connection on the RC-1570 and on your device. On your device this is often listed as "Forget this Device". On the RC-1570 IR remote PRESS and HOLD the STOP  button for 5 seconds until the front display shown "Reset BT DB List?" then release the button. Select <Yes> and press "ENT". Then try to make the connection again.

Specifications

Total Harmonic Distortion (20Hz-20kHz)	< 0.004%
Intermodulation Distortion (60 Hz : 7 kHz, 4:1)	< 0.004% at 1V output
Input Sensitivity / Impedance	
Phono Input (MM)	2.5 mV / 47k ohms
Line Level Inputs (RCA)	150 mV / 24k ohms
Line Level Inputs (XLR)	300 mV / 100k ohms
Input Overload	
Phono Input	65 mV
Line Level Inputs	4.3 V
Output Level / Impedance	
Output (RCA)	1V / 100 ohms
Output (XLR)	2V / 100 ohms
Frequency Response:	
Phono Input	20 Hz-20k Hz, 0 ± 0.3 dB
Line Level Inputs	4 Hz-100k Hz, 0 ± 0.3 dB
Tone Controls	
Bass	±10 dB at 100Hz
Treble	±10 dB at 10kHz
Signal to Noise Ratio (IHF "A" weighted)	
Phono Input	80 dB
Line Level Inputs	110 dB
Digital Section	
Frequency Response	10Hz - 95k Hz (±3.0dB, Max)
Signal to Noise Ratio (IHF "A" weighted)	100 dB
Input Sensitivity/Impedance	0 dBfs / 75 ohms
USB/iPod Digital Signals	WAV, MP3, WMA (up to 48kHz 16 bit)
Coaxial/Optical Digital Signals	SPDIF LPCM (up to 192kHz 24 bit)
PC-USB	USB Audio Class 1 (up to 96kHz 24 bit) USB Audio Class 2 (up to 192kHz 24bit)* *Driver installation required
Power Requirements:	
USA:	120 Volts, 60 Hz
EC:	230 Volts, 50 Hz
Power Consumption	15 watts
Standby Power Consumption	< 0.5 watts
Dimensions (W x H x D)	431 x 99 x 320 mm (17 x 4 x 12 ⁵ / ₈ ins)
Front Panel Height	2U (88.1mm, 3 ¹ / ₂ ins)
Weight (net)	7kg, 16 lbs.

All specifications are accurate at the time of printing.

Rotel reserves the right to make improvements without notice.

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重要安全说明

注意：后板上的COMPUTER I/O接口只能由授权人士进行操作。

警告：机内无客户可以维修的部件。请合资格维修人员维修。

警告：为减少火灾或触电的危险，不要将本产品置于潮湿环境中或水中。不要将本产品置于滴水或溅水环境中。不要将含有液体的物件（例如花瓶）放在本产品上。不要让异物进入本产品外壳内。如果本产品进入潮湿环境中，或异物进入本产品内，立即从墙上拔掉电源线。将本产品送交合资格维修人员检查或进行必要的维修。

连接或操作之前，请阅读所有说明。

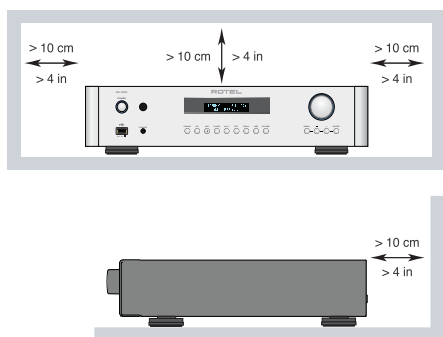
请保留本手册，以便阅读这些安全说明。

请留意这些说明和产品上的所有警告或安全信息。请遵从操作说明。

只能用于干布或真空吸尘器清洁。

不要在接近水的地方使用本产品。

本产品周围最少应有10cm或4in.的间隙。



不要将本产品置于床上、沙发、垫子或类似的物体上，以防堵塞通风口。如果将本装置放在书柜或橱柜上，柜上应有通风口，以便于产品的散热。

请将本产品远离辐射、热源、火炉或其它发热器具。

警告：后面板上的电源线接头是主电源断开装置。应该将本机放在可拔插电源线接头的开放的地方。

只能将本产品连接到后面板指定的型号和电压的电源上。（美国：120V/60Hz，欧洲：230V/50Hz，中国：220V/50Hz）

只能用本产品提供的电源线或规格等同的电源线将本产品连接到电源插座上。不得更改随本产品提供的电源线。两极插头有两个插刀，其中一个插刀比另一个宽。接地插头有两个插刀和第三个接地插刀。这些都是为了您的安全。不得违反接地和两极安全规定。如果随本产品提供的插头与您的插座不匹配，请咨询电工更换陈旧的插座。不要使用延长线。

电源电缆的主插头是本产品的断电装置。要将本产品从电源完全断开，应从主（交流）插座上拔下电源电缆的主插头。拔掉电源线后，待机指示灯熄灭。断路装置保持随时可操作状态。

不要使用变形的、收缩的、弯折的或损坏的电源线，不要将电源线置于热源附近。请特别注意插头处和本装置后面的电源线。

雷暴天气中或本装置长时间不使用时，应将电源线从墙上插头中拔出。

只能使用制造商指定的附件。

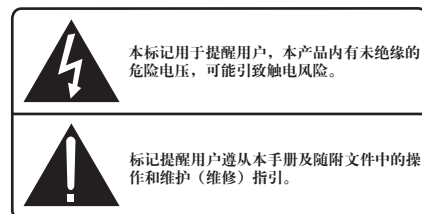
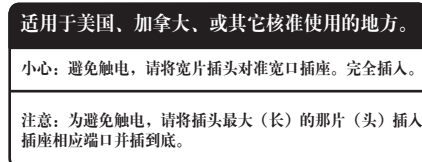
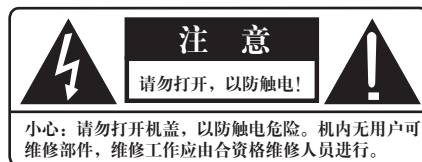
只能使用洛得推荐的机架、立架或支架。在支架或机架上移动本装置时，请小心避免翻侧。



在下列情况下，立即停止使用本装置，并请合格维修机构检测和维修：

- 电源线或插头损坏
- 异物或液体进入进装置中
- 本装置遭受雨淋
- 本装置显示不正确操作的迹象
- 本装置跌落或以任何方式被损坏

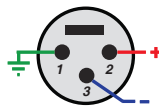
请勿将遥控器内的电池暴露于阳光、火源等类似的高温条件下。



洛得产品符合电气和电子设备限制有害物质（RoHS）以及处理废旧电气和电子设备（WEEE）的国际指令。带叉形符号的轮式垃圾箱标志合乎规定，且该产品应根据这些指令以适当的方法进行回收或处理。



本符号表示本装置有双重保护。无需接地。



引脚分配

平衡音频（3个平衡极点）：

脚1：地极/屏蔽

脚2：同相/+正极/热

脚3：异相/-负极/冷



图 1：控制和连接

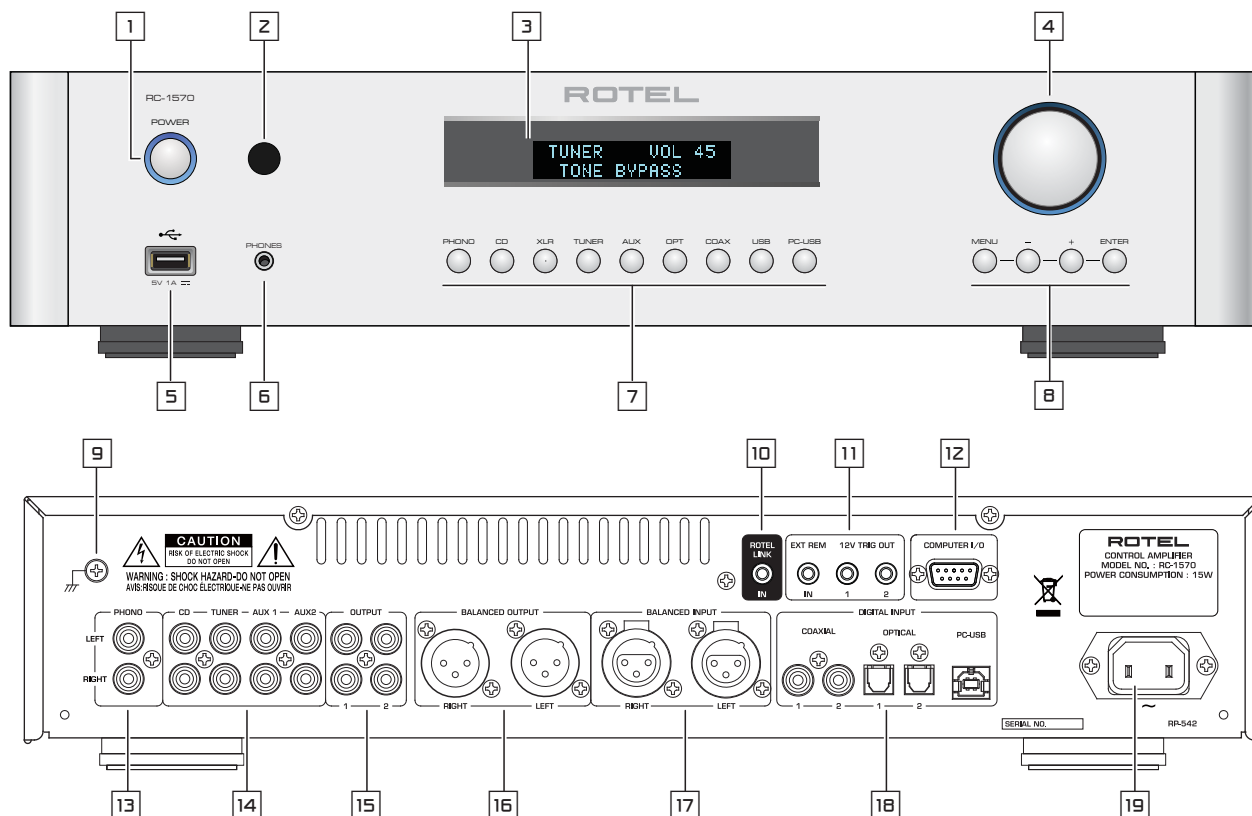


图 2：RR-AX92遥控器

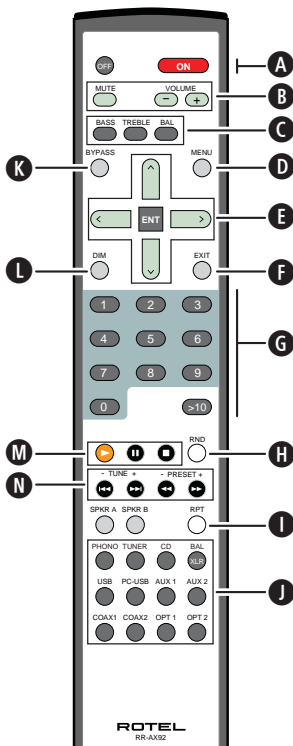


图 3：模拟输入和输出连接

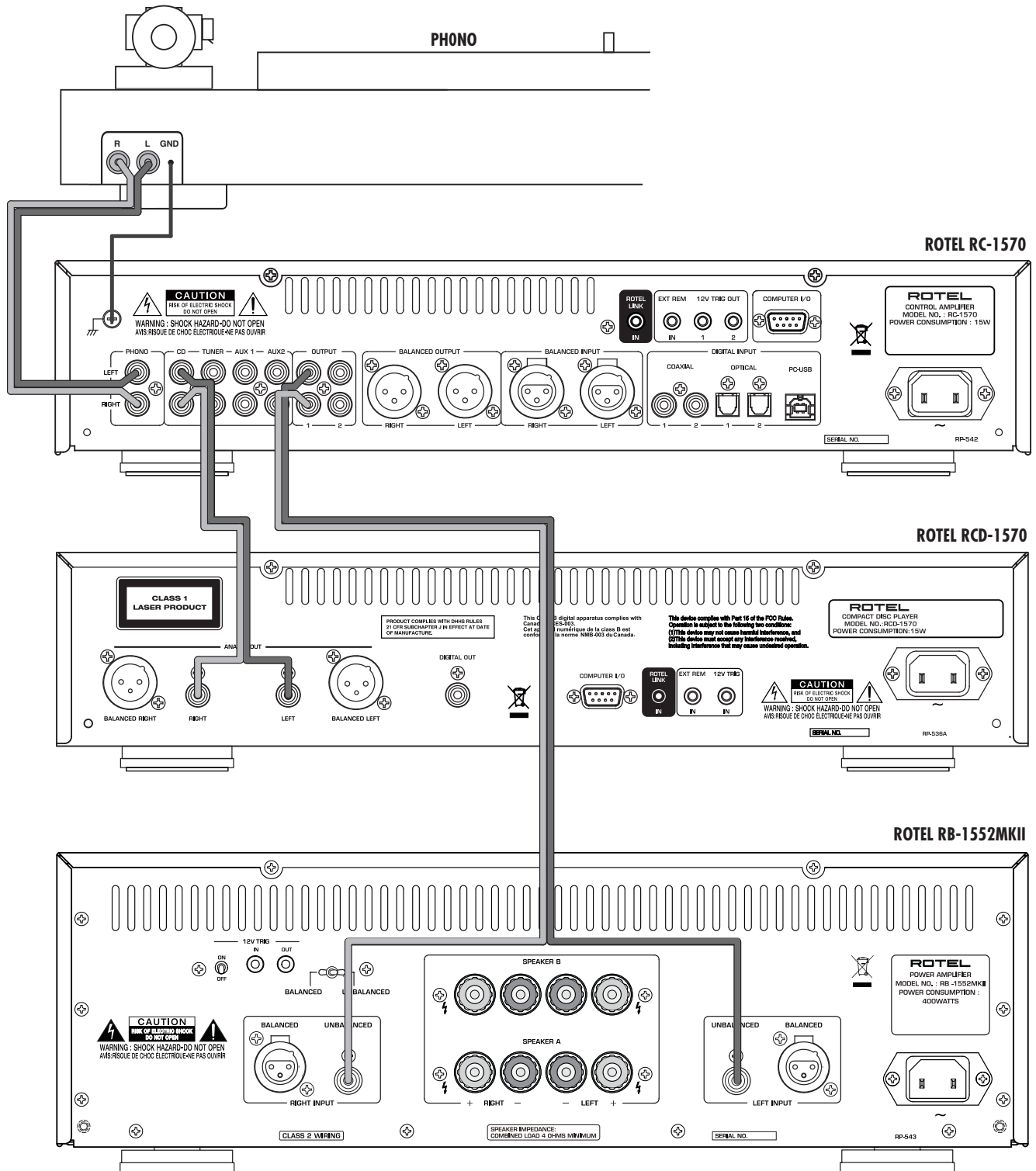


图4：平衡(XLR) 输入和输出连接

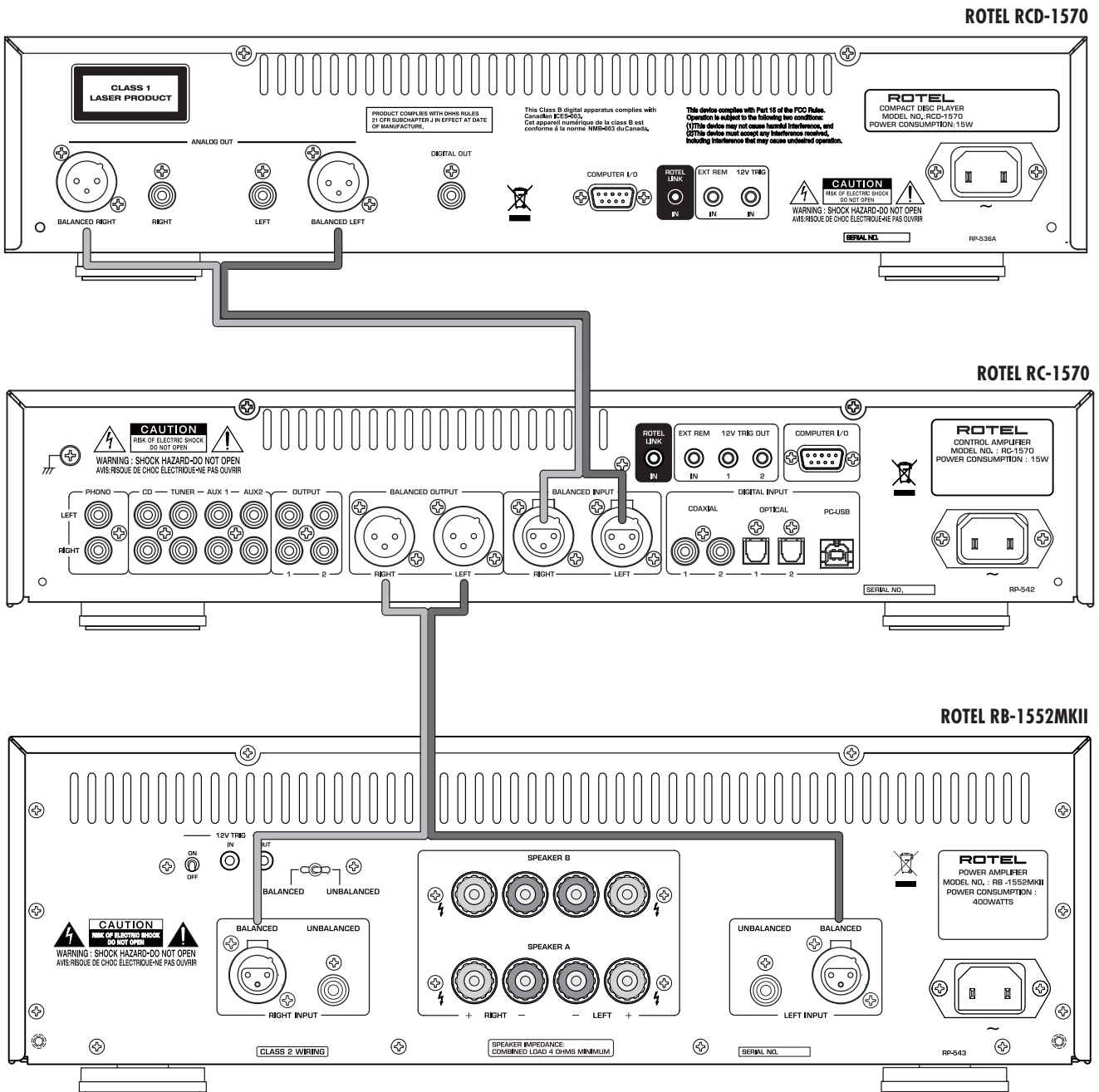


图5: 数字输入和12V触发输出

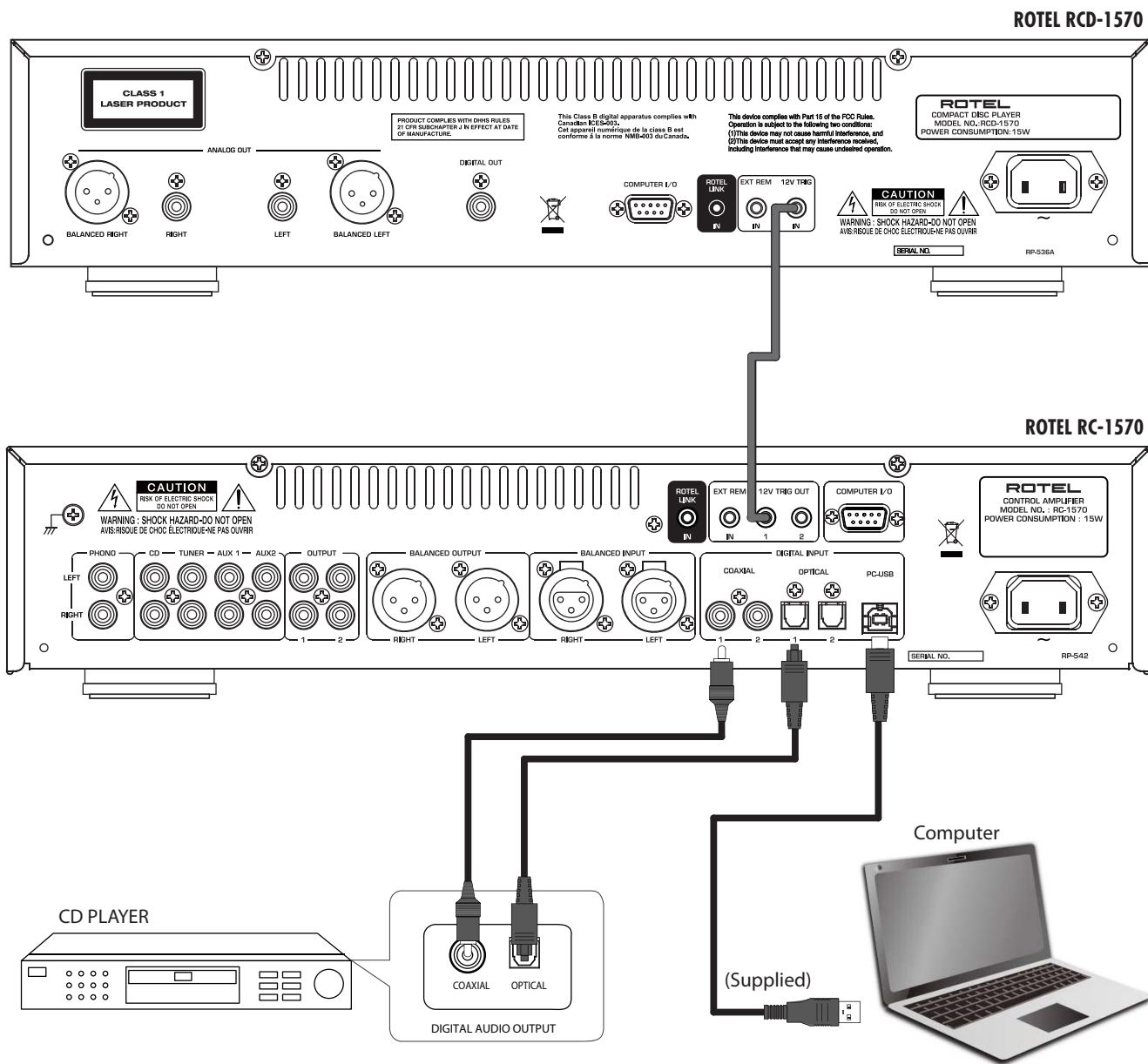
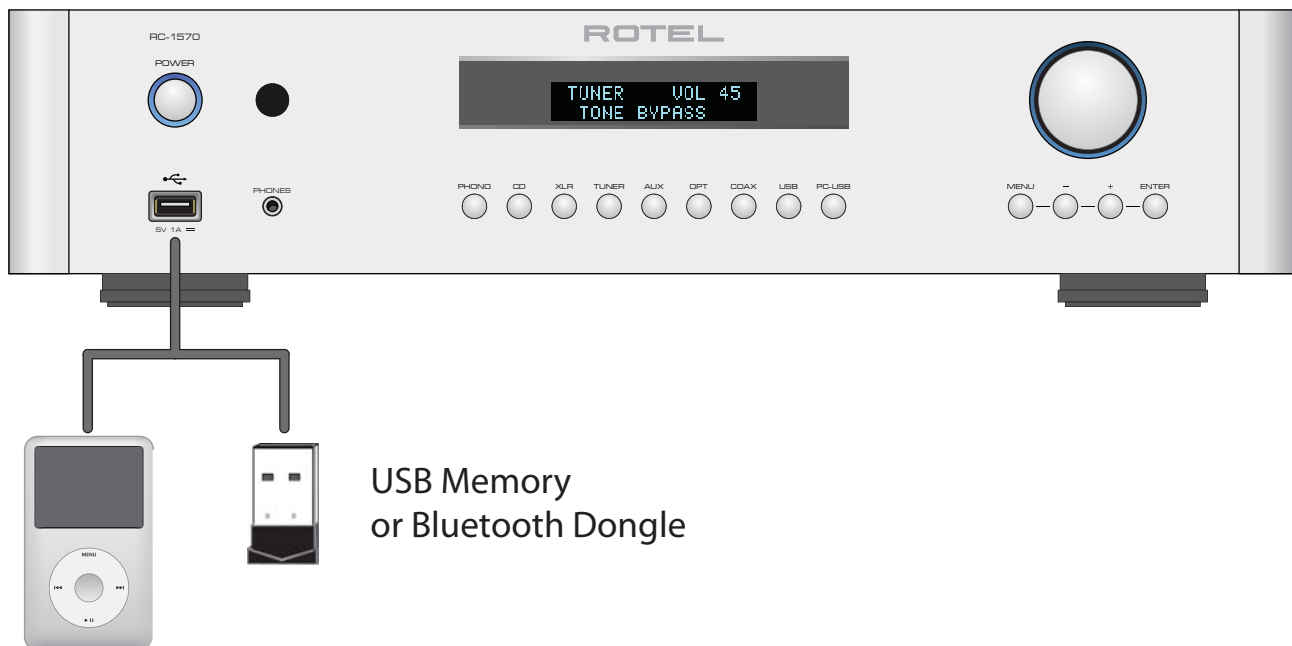


图 6：前置USB输入



重要注意事项

进行连接时，请确保：

- ✓ 连接任何设备（包括音箱）之前，应关闭系统中所有设备的电源。
- ✓ 改变系统的任何连接之前，应关闭系统中所有设备的电源。

我们还建议您：

- ✓ 打开或关闭放大器之前，将放大器的音量控制调到最低。

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关于洛得

洛得已有超过50年的历史。几十年来，我们的产品已赢得数百次奖项，满足了无数对娱乐有着严肃态度的人士——比如您。

洛得是一个家族公司，他们对音乐的激情让他们致力于制造高品质的高保真音响设备。多年以来，这种激情丝毫未减，而为不同预算的高保真音响发烧友和音乐爱好者提供超值产品的目标，是洛得所有雇员的共同追求。

洛得的工程师紧密协作，认真倾听并精确调谐每个新产品，直到其符合苛刻的音乐标准。他们从世界各地选择部件，以令其产品尽善尽美。您可能会发现英国和德国生产的电容器、日本和美国产的半导体，以及洛得自己工厂制造的环形功率变压器。

我们十分关注环境。随着越来越多的电子产品出现，随后被废弃，制造商竭尽所能设计对垃圾填埋场和地下水位带来最低负面影响的产品就显得尤为重要。

在洛得，我们做到了这一点，我们对此深感自豪。通过使用特殊的ROHS焊料，我们降低了电子产品中的铅含量，同时，我们最新的D类（非数码）放大器的效率是传统设计的五倍之多，同时仍可提供大功率和很高的性能。这些产品运行时温度低，能源浪费少，不损害环境，并带来更好的音质。

最后，我们用可回收的纸张印刷本手册。

虽然我们知道这些事情微不足道，但它们对环保仍然非常重要。我们会继续寻找新方法和材料，开发更加清洁、更加环保的制造工艺。

洛得全体同仁感谢您购买本产品。我们深信，本产品将为您带来数年的美妙享受。

开始使用

感谢您购买洛得 RC-1570 立体声前置放大器。配合高质量的音乐音频系统使用，本装置可为您提供多年的音乐享受。

RC-1570 是功能齐备、品质上乘的设备。设计的各个方面已进行优化，以获得音乐的全部动态范围和细微差别。其配有高度规范的电源，带有洛得自行设计的环形电源变压器和定制的slit foil电容。低阻抗的电源配备充足的电力储备，使其能够轻松再现要求最苛刻的音频信号。这种设计制造起来更加昂贵，但可获得更佳的音乐效果。

印刷电路板使用对称电路线路（Symmetrical Circuit Traces）设计。这可确保忠实再现精确的音乐时间。RC-1570 的电路在重要的信号通道使用金属薄膜电阻和聚苯乙烯或聚丙烯膜电容器。这种设计的各个方面均已进行测试，确保最忠实地再现音乐。

RC-1570的主要功能均易于安装和使用。如果您有使用其它立体声系统的经验，您会发现一切均易如反掌。只要连上关联的设备，就可以开始欣赏音乐。

几点注意事项

警告： 要避免可能造成系统的损坏，进行连接或断开音箱或相关组件之前应关闭所有系统组件。确保所有连接均正确和安全后再开启系统组件。请特别注意音箱线。确保没有松开的线束与其它音箱的电线或放大器的机架接触。

请仔细阅读本手册。本手册提供如何将RC-1570连接到系统的完整资料，以及可帮助您获得最佳音响效果的全面资料。如果您遇到任何问题，请联络洛得授权经销商。另外，洛得全体同仁欢迎您提出问题或建议。

请保存好RC-1570的包装箱和包装材料，以备日后使用。使用任何非原始包装材料运输或移动你的放大器可能导致严重损坏。

请填写并寄回RC-1570包装中的用户注册卡。另请保留原始销售收据。它是购买日期的最佳记录，您日后需要保修时会用到它。

放置

跟所有处理低电平信号的音响设备一样，本放大器也会受环境的影响。避免将本放大器放在其它设备的上面。也要避免将音频信号线置于电源线附近。这可将噪音或受干扰的机会降至最低。

本公司建议将放大器安装在为安装音响器材设计的家具内。这些家具可以降低或减少可能对声音质量产生负面影响的振动。设备家具和音频设备的正确安装方法，请咨询授权洛得经销商。

随RC-1570一同提供了一只RR-AX92遥控器，遥控器必须放置在遥控器发出的红外信号可以到达放大器前面板遥控感应器的地方。

电缆

将电源线、数字信号电缆和音频电缆分开放置。这可将音频信号电缆从电源线或数字信号线拾取噪音或干扰的机会降至最低。使用高质量的屏蔽电缆也有助防止噪音或干扰。如果您有任何疑问，请访问授权洛得经销商寻求有关最匹配您的音响系统的建议。

RR-AX92遥控器

有些功能可以通过前面板控制器，或者随本放大器提供的遥控器RR-AX92进行操作。本说明书中的功能操作说明里，方框中的数字表示前后面板控制上的项目，圆圈中的字母表示遥控器图示上的项目。

注意：这只遥控器可以操作一些洛得调谐器和CD播放机的基本功能。控制器按键**G H M N**可用于操作您系统里的CD机和调谐器。要使遥控器正常操作，请确保遥控器和CD机或调谐器的遥控代码均一致。

遥控器电池

使用遥控器前应该安装两节UM-4/AAA尺寸的电池（已提供）。要安装电池，拆下RR-AX92遥控器背部的电池仓盖。按电池上的正负极标示正确安装电池。测试遥控器是否操作正常，然后盖上电池仓盖。电池电力不足时，遥控器无法正常操作RC-1570。更换新电池即可解决此问题。

交流电源和控制

交流电源输入 16

RC-1570出厂时已设置为您购买本产品所在国家的交流电压（美国：120V/60Hz AC，或欧洲：230V/50Hz AC，中国：220V/50Hz AC）。交流电压配置标注在后面板的标签上。

注意：如果将放大器带到另一个国家，可能需要重新设置以使用不同的电压。不要试图自行进行转换。打开放大器的外壳会有触电危险。请咨询合格的维修人员或洛得工厂服务部门寻求帮助。

注意：有些产品将出售于多个国家，因此提供了多条AC电源线，请选择一条适用于您的国家/地区使用的电源线。

RC-1570必须插入二极插座，不要使用延长线。如果大功率多插孔插线板（和墙插座）可以承受RC-1570和所有插到上面的其它器材，则可以使用多插孔插线板。

如果您将要离家较长时间，例如一个月，离开前请务必拔下放大器（和其它音频视频设备）的电源插头。

电源开关和电源指示灯 17

要打开放大器的电源，将本开关按入。电源打开时，电源开关周围的指示灯会变亮。要关闭放大器，再次按下按键将其复位。

电源开关位于ON(开)的位置时，可以使用遥控器上的ON(开)和OFF(关)键激活放大器。在待机模式中，电源键周围的指示灯亮，但显示屏关闭。

注意：如果蓝色光线太亮，请在电源按键周围贴上调光圈。

12V 触发连接 18

一些音频组件当接收到12V 开启“信号”时可以自动打开组件。RC-1570有两个12V 触发器提供所需的信号。用3.5mm迷你插头电缆连接RC-1570和相应兼容的组件。当RC-1570关闭后，触发信号被中断，外接的组件会被关闭。

注意：如果您在使用Rotel link系列的其它设备时，请用Rotel link 来开/关设备。不要同时连接Rotel link和12V 触发电缆，否则12V 触发器的开/关电源功能将会覆盖Rotel link连接功能。

输入信号连接

注意：要避免高噪声对您和音箱的影响，进行任何信号连接之前，应关闭所有系统组件。

唱盘机输入 19 和接地(GND) 9

见图3

将电缆从唱机插入本放大器相应的唱机(Phono)左右声道输入。如果唱机有“地线”连接，将其连接到唱机输入左侧的螺丝端口。这可帮助避免嘈杂声和噪声。

线性电平输入 14

见图3

CD, Tuner, 和 Aux输入为“线性电平”输入。这些输入用于连接CD播放机或其他音频播放设备的模拟音频输出。

左右声道均已清晰标记，且应连接到源设备的相应声道。左声道接口为白色，右声道接口为红色。使用高质量的RCA电缆将源设备连接到放大器。有关电缆的建议，请咨询授权洛得经销商。

平衡(XLR)输入 17

见图4

有一对平衡(XLR)输入可接收来自CD播放机、蓝光播放器或其他源设备平衡输出的音频信号。

注意：请只选择一种模拟方式连接RC-1570，不可同时连接RCA插孔和XLR插孔。

数字输入

见图5

有两组标注COAXIAL 1和2, OPTICAL 1和2的数字输入。将您源设备的同轴COAXIAL或光纤OPTICAL PCM输出连接到这些接口。放大器对数字信号进行解码并播放。该设备可以解码高达24位, 192kHz的PCM信号。

输出连接

前置放大器输出

见图3

RC-1570的RCA型输出接口兼容大多数功率放大器。选用高质量的音频电缆, 将RC-1570的左、右声道输出连接到前置放大器或其他设备相应的输入接口。

注意: RC-1570有两对RCA输出接口。另一对输出接口可用于定制的系统配置以驱动另一台功率放大器或向特殊的信号处理器提供信号。

平衡(XLR)输出

见图4

一对平衡(XLR)输出接口为RC-1570向带平衡输入接口的功率放大器提供模拟输出信号。

注意: 不可同时连接RCA插孔和XLR插孔。

耳机输出

耳机输出可让您连接耳机独自欣赏音乐。本输出插孔可以使用标准的3.5mm (1/8in) 立体声迷你耳机接口。插入耳机不会切断发送到前置放大器输出的信号。一般情况下, 当使用耳机欣赏音乐时, 应关闭功率放大器。

注意: 由于音箱和耳机的灵敏度会有很大差异, 在连接或断开耳机之前请先降低音量。

遥控感应器

遥控感应器接收来自遥控器的红外信号。不要覆盖或遮挡感应器。

显示屏

前面板上的显示屏显示有关输入源、音量和音调设置。

前置USB输入

见图6

前面板USB输入可连接 iPod, iPhone, USB存储器或蓝牙适配器(已提供)进行无线流媒体。与iPod或iPhone连接时, 只需将其插到前置USB插口然后选择USB功能。保持iPod和iPhone运行, 以应用搜索和播放功能。

蓝牙连接


将随机提供的蓝牙适配器插到前面板USB插口, 通过蓝牙, 把无线流媒体从您设备(如移动电话)传送到放大器。从您的移动设备搜索到“Rotel

Bluetooth”并连接。通常是自动连接, 但如果提示需输入密码, 请输入“0000”, 再按您设备上的确认键即可。


注意: 并不是所有蓝牙适配器都与RC-1570兼容。请使用随机提供的蓝牙适配器。

音频控制




音量控制

顺时针旋转前面板上的VOLUME(音量)旋钮增加音量, 或逆时针转动VOLUME(音量)旋钮降低音量。或者, 按遥控器上VOLUME(音量)-或+键调节音量。按MUTE  (静音)键可关闭声音。


均衡控制

均衡控制可调整声音输出的左-右均衡。通常, 本控制旋钮应置于中间位置或“0”。要从前面板更改均衡, 按 MENU(菜单)  键将前面板显示切换至均衡设定模式。然后再按前面板上的+或-键调整左右均衡。该均衡值可从L15调至R15。

注意: 关闭RC-1570的电源后, 这些设置将被永久保存。

只作暂时更改设置, 请从遥控器按BAL  键进入均衡设置菜单, 然后按LEFT(左)或RIGHT(右)  键进行调整。调整完毕后按EXIT(退出)  键退出菜单。


音调控制旁通

低音和高音控制(音调控制)电路出厂默认设置已被旁通, 以获得最纯净的声音。前面板显示屏将显示TONE BYPASS(音调旁通)。从前面板按MENU  键切换到旁通控制, 然后按LEFT或RIGHT键打开或关闭旁通。

注意: 关闭RC-1570的电源后, 这些设置将被永久保存。

只作暂时更改设置, 从遥控器上按BYPASS  键切换旁通启用/禁用。

Bass(低音)和Treble(高音)控制

要设置低音或高音控制, 按前面板MENU  键切换到低音或高音设置菜单。然后按-或+键调整音调值。低音和高音音调值是-10至+10。

注意: 关闭RC-1570的电源后, 这些设置将被永久保存。

只作暂时更改设置, 从遥控器上按Bass或Treble  键, 再按LEFT或RIGHT  键调整音调值。

经过适当设置的高性能音频系统可产生最自然的声音, 无需再作调整或只需作细微调整。请谨慎使用这些控制。向上调整控制按钮时请特别小心, 这将加大低音或高音范围的功率输出, 从而增加放大器和音箱的负载。

注意: 在设置低音或高音时, 不要自动打开音调控制。要打开音调控制请参考上节音调控制旁通。

调光键

要更改显示屏的亮度, 按前面板MENU  键切换到显示设置菜单。然后按前面板上的-或+键调节显示屏亮度。

注意: 关闭RC-1570的电源后, 这些设置将被永久保存。

只作暂时更改设置, 按遥控器上的DIM  键调节。

注意：从Menu(菜单键)进入音调旁通、低音、高音、均衡和调光设置均永久保存设置。使用**C****K****L**键调节为临时性更改，关闭电源后则不被保存。

功能控制 **7** **1**

本功能控制可选择输入的信号源。按前面板或遥控器上相应的音源键选择您想收听的音源。

注意：从前面板上按 Aux, Opt和 Coax 键时将会在输入1和输入2之间切换。

Rotel Link **10**

这个3.5毫米立体声迷你插孔(标有ROTEL LINK IN)与ROTEL LINK OUT连接,可让RC-1570与带网络功能的洛得产品相互连接。通过ROTEL LINK相连接的洛得产品可相互通讯并可通过Rotel Remote App(洛得遥控应用程序,可从iTunes®商店下载)进行控制。

EXT REM IN(外接遥控输入)插孔 **11**

这个3.5毫米微型插孔通过硬连接接收来自工业标准红外接收器的命令代码。当本装置安装在机柜中且前面板上的感应器被遮挡时,本功能非常有用。请咨询授权洛得经销商寻求有关外接转发器的资料 and 正确连接插头到小型插座的方法。

Computer I/O (计算机输入/输出) 接口 **12**

RC-1570可通过RS232的控制与自动化系统进行集成。COMPUTER I/O输入使用标准的DB-9 插头电缆。

更多有关RC-1570计算机控制的连接、软件和操作代码的资料,请咨询授权洛得经销商。

PC-USB输入 **18**

见图5

使用提供的USB电缆把本PC-USB输入连接到您计算机的USB插口。

注意：您需要在计算机上安装USB驱动程序(随机光盘上已提供),使计算机能将音频通过USB发送到RC-1570。

注意：成功安装驱动程序后,需要从计算机的音频/音箱设置中选择ROTEL 音频驱动。

设置菜单

您可通过前面板 MENU **10** 键或按遥控器上的MENU **D**键进入设置菜单。按前面板+/- 键或遥控器 LEFT/RIGHT(左/右) **E**键修改选项值。按前面板 MENU **10**或遥控器MENU **D**进入子菜单。

• Tone Control 音调控制: TONE BYPASS (音调旁通) ON (启用) /OFF (禁用)、BASS(低音)和TREBLE(高音)值均可按所需设置。通过前面板 ENTER键或遥控器ENT键切换音调选项。(更多有关音调控制的资料请参考音调控制旁通、低音和高音控制部分)。

注意：关闭RC-1570的电源后,这些设置将被永久保存。

• BALANCE 均衡: 改变左/右均衡(参考均衡控制部分)

注意：关闭RC-1570的电源后,这些设置将被永久保存。

• DIMMER调光器: 可调暗显示屏,共7阶。

注意：关闭RC-1570的电源后,这些设置将被永久保存。

• Rotel Link RCD,可选择CD播放器与放大器的连接方式,任一-CD(模拟)、COAX1(同轴1)或COAX2(同轴2)。出厂默认设置为CD。

• POWER ON MAX VOLUME开机最大音量: 设置当开启设备时的最大音量,出厂默认值是“45”。

注意：开机最大音量并不适用于已通过固定增益设定的输入设置。

• Fixed Gain固定增益: 为指定的输入设置固定的音量电平。要启用此功能,请按+/-键选择Aux 1, Coax 1, Coax 2, Optical 1, Optical 2, PC-USB或Bluetooth输入所需的固定音量电平。启用本功能并选定了相应输入的固定音量后,音量将立即设置到指定的音量电平。

可选用的设定包括: VARIABLE(可变)、FIXED 1-95(固定值1-95)、FIXED MAX(固定最大值)。

注意：当音量电平被固定时,前面板的音量旋钮和遥控器上音量+/-键均不可用。要禁用此功能,请将音量电平设为“Variable”(可变)。

• AUX1 VOL: 出厂默认设置为VARIABLE可变(禁用)。

• COAX1 VOL: 出厂默认设置为VARIABLE可变(禁用)。

• COAX2 VOL: 出厂默认设置为VARIABLE可变(禁用)。

• OPT1 VOL: 出厂默认设置为VARIABLE可变(禁用)。

• OPT2 VOL: 出厂默认设置为VARIABLE可变(禁用)。

• PC-USB VOL: 出厂默认设置为VARIABLE可变(禁用)。

• BLUETOOTH VOL: 出厂默认设置为VARIABLE可变(禁用)。

• PC-USB AUDIO CLASS: 设置与PC-USB所连接的设备的音频类别。

注意：有些连接到PC-USB的计算机并不支持USB2.0音频或不支持24/192音频播放。如有需要,可设置PC-USB为USB1.0音频。详情请查询您计算机的操作系统。

• Software Version 软件版本: 可显示当前加载到放大器的软件版本。

• FACTORY DEFAULT恢复出厂设置: 此设置将会使设备恢复到最初出厂的状态。按前面板上的+键或遥控器的Right(右)键选择<YES>,然后按前面板“ENTER”键或遥控器“ENT”键进行恢复出厂设置。

注意：之前所作的的所有设置将被删除,并重置到出厂默认设置。

故障排除

音响系统的多数故障是由于错误连接或控制设置不正确引致。如果您遇到问题，请屏蔽有问题的区域，检查控制器设置，确定故障原因并进行必要的修正。如果放大器仍然没有声音，请参考以下状况的建议：

电源指示灯不亮

放大器插到墙壁电源插座并且电源键被打开时，电源指示灯和显示窗口的基本项目应该点亮。如果没有点亮，用其它电气设备例如台灯测试电源插座。确保电源插座开关没有被关闭。

更换保险丝

如果其它电气设备插到该插座时可正常工作，但放大器插到同一插座且电源开关打开时电源指示灯不亮，表明内置保险丝可能已烧断。如果您确信发生这种情况，请联络授权洛得经销商更换保险丝。

没有声音

检查信号源，看其是否正常工作。确保连接信号源和放大器输入的电缆已正确连接。检查放大器和音箱之间的连线。

可播放的音频格式

USB Apple (iPhone, iPod, iPad)

格式	注意
Apple Lossless	任何苹果设备支持加载的文件。手机要根据保存的格式进行重新取样。不支持原本发送装置不支持而只是应用程序设计的播放格式。
MP3	
AAC	
AIFF	
WAV	

USB 蓝牙

格式	注意
发送装置支持的任何格式	不支持原本发送装置不支持而只是应用程序设计的播放格式。

USB 存储器

格式	注意
MP3	最大48K 16 Bit
WMA	
WAV	
OGG Vorbis	
M4A/AAC	


PC-USB

格式	注意
根据使用的Media Player/ 服务软件而定	任何电脑软件支持的格式 44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit

同轴/光纤

格式	注意
SPDIF LPCM	44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit

不能通过蓝牙连接

如果放大器不能与您使用蓝牙的设备配对，请删除放大器及您设备上之前所有的连接信息。在您设备上通常选择“清除此设备”。在RC-1570遥控器上长按STOP  键5秒钟，直到前面板显示“重设BT DB清单?”然后松开按钮。选择<Yes(是)>，再按“ENT (确认)”。然后尝试再次连接。

技术参数

总谐波失真 (20Hz-20kHz)	< 0.004%
互调失真(60 Hz : 7 kHz, 4:1)	< 0.004% at 1V 输出
输入灵敏度/阻抗	
唱盘机输入 (MM)	2.5 mV / 47k Ω
线性电平输入(RCA)	150 mV / 24k Ω
线性电平输入 (XLR)	300 mV / 100k Ω
输入过载	
唱盘机输入	65 mV
线性电平输入	4.3 V
输出电平/阻抗	
输出 (RCA)	1V / 100 Ω
输出 (XLR)	2V / 100 Ω
频率响应:	
唱盘机输入	20 Hz-20k Hz, 0 \pm 0.3 dB
线性电平输入	4 Hz-100k Hz, 0 \pm 0.3 dB
音调控制	
低音	\pm 10 dB at 100Hz
高音	\pm 10 dB at 10kHz
信噪比 (IHF "A"加权)	
唱盘机输入	80 dB
线性电平输入	110 dB
数字部分	
频率响应	10Hz - 95k Hz (\pm 3.0dB, Max)
信噪比 (IHF "A"加权)	100 dB
输入灵敏度/阻抗	0 dBfs / 75 Ω
USB/iPod 数字信号	WAV, MP3, WMA (高达 48kHz 16 bit)
同轴/光纤数字信号	SPDIF LPCM (高达 192kHz 24 bit)
PC-USB	USB Audio Class 1 (高达 96kHz 24 bit) USB Audio Class 2 (高达 192kHz 24bit)* *需要安装驱动
电源要求:	
美国	120 V, 60 Hz
欧洲	230 V, 50 Hz
中国	220 V, 50 Hz
功率消耗	15 W
待机功耗	< 0.5 W
尺寸(宽x高x深)	431 x 99 x 320 mm (17 x 4 x 12 ⁵ / ₈ ins)
前面板高度	2U (88.1mm, 3 ¹ / ₂ ins)
重量(净重)	7kg, 16 lbs.

本手册印刷时所有参数均属精确。

洛得保留修改的权利，恕不另行通知。

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“Made for iPod”和“Made for iPhone”，是指电子配件专门为连接至iPod或iPhone而设计，开发商的认证满足Apple性能标准。Apple不负责该设备的操作或安全和监管标准。请注意，iPod或iPhone配件的使用可能会影响无线性能。

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