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:

Ć The power supply cord or plug has been damaged
Ć Objects have fallen or liquid has been spilled into the unit
Ć The unit has been exposed to rain
Ć The unit shows signs of improper operation
Ć 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.

Rotoil 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 wheelie 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

USB Memory or Bluetooth Dongle
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**.

Heel 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:
✓ Spegnere **tutti** i componenti del sistema **prima** di collegare **qualsiasi** componente, inclusi i diffusori.
✓ Spegnere **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
✓ Vrid 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 slat 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 polyparpropylene 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 

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |

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**

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**

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**

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 and Ground Connection (GND)

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

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

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.

### Digital Inputs

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

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

See Figure 4

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

### Headphone Output

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

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

### Display

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

### Front USB Input

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 (VOL)

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 (BAL)

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 (TCP)

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

Bass and Treble Controls (BASS/ TREBLE)

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 (DIM)

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 (FUNC)

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 (RLK)

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 (ERIN)

This 3.5 mm 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 (CIO)

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 on the IR remote 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.
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)**

<table>
<thead>
<tr>
<th>Format</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple Lossless</td>
<td>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.</td>
</tr>
<tr>
<td>MP3</td>
<td></td>
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<tr>
<td>AAC</td>
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<tr>
<td>AIF</td>
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<td>WAV</td>
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**USB Bluetooth**

<table>
<thead>
<tr>
<th>Format</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>Any format supported by the sending device.</td>
<td>May exclude Apps designed to play formats not originally supported by the sending device.</td>
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**USB Flash Drive**

<table>
<thead>
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<th>Format</th>
<th>Notes</th>
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</thead>
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<tr>
<td>WMA</td>
<td></td>
</tr>
<tr>
<td>WAV</td>
<td>48K 16 Bit Maximum</td>
</tr>
<tr>
<td>OGG Vorbis</td>
<td></td>
</tr>
<tr>
<td>M4A/AAC</td>
<td></td>
</tr>
</tbody>
</table>

**PC-USB**

<table>
<thead>
<tr>
<th>Format</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Format determined by the Media Player/Server software that you use.</td>
<td>Any supported format by the PC software 44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit</td>
</tr>
</tbody>
</table>

**Coax/Optical**

<table>
<thead>
<tr>
<th>Format</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPDIF LPCM</td>
<td>44.1K, 48k, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total Harmonic Distortion (20Hz-20kHz)</strong></td>
<td>&lt; 0.004%</td>
</tr>
<tr>
<td><strong>Intermodulation Distortion (60 Hz : 7 kHz, 4:1)</strong></td>
<td>&lt; 0.004% at 1V output</td>
</tr>
<tr>
<td><strong>Input Sensitivity / Impedance</strong></td>
<td></td>
</tr>
<tr>
<td>Phono Input (MM)</td>
<td>2.5 mV / 47k ohms</td>
</tr>
<tr>
<td>Line Level Inputs (RCA)</td>
<td>150 mV / 24k ohms</td>
</tr>
<tr>
<td>Line Level Inputs (XLR)</td>
<td>300 mV / 100k ohms</td>
</tr>
<tr>
<td><strong>Input Overload</strong></td>
<td></td>
</tr>
<tr>
<td>Phono Input</td>
<td>6.5 mV</td>
</tr>
<tr>
<td>Line Level Inputs</td>
<td>4.3 V</td>
</tr>
<tr>
<td><strong>Output Level / Impedance</strong></td>
<td></td>
</tr>
<tr>
<td>Output (RCA)</td>
<td>1V / 100 ohms</td>
</tr>
<tr>
<td>Output (XLR)</td>
<td>2V / 100 ohms</td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td></td>
</tr>
<tr>
<td>Phono Input</td>
<td>20 Hz-20k Hz, 0 ± 0.3 dB</td>
</tr>
<tr>
<td>Line Level Inputs</td>
<td>4 Hz-100k Hz, 0 ± 0.3 dB</td>
</tr>
<tr>
<td><strong>Tone Controls</strong></td>
<td></td>
</tr>
<tr>
<td>Bass</td>
<td>±10 dB at 100Hz</td>
</tr>
<tr>
<td>Treble</td>
<td>±10 dB at 10kHz</td>
</tr>
<tr>
<td><strong>Signal to Noise Ratio (IHF “A” weighted)</strong></td>
<td></td>
</tr>
<tr>
<td>Phono Input</td>
<td>80 dB</td>
</tr>
<tr>
<td>Line Level Inputs</td>
<td>110 dB</td>
</tr>
<tr>
<td><strong>Digital Section</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Frequency Response</strong></td>
<td>10Hz - 95k Hz (±3.0dB, Max)</td>
</tr>
<tr>
<td><strong>Signal to Noise Ratio (IHF “A” weighted)</strong></td>
<td>100 dB</td>
</tr>
<tr>
<td><strong>Input Sensitivity/Impedance</strong></td>
<td></td>
</tr>
<tr>
<td>USB/iPod Digital Signals</td>
<td>WAV, MP3, WMA</td>
</tr>
<tr>
<td>[up to 48kHz] 16 bit</td>
<td></td>
</tr>
<tr>
<td>SPDIF LPCM</td>
<td>[up to 192kHz 24 bit]</td>
</tr>
<tr>
<td><strong>Coaxial/Optical Digital Signals</strong></td>
<td></td>
</tr>
<tr>
<td>[up to 96kHz 24 bit]</td>
<td></td>
</tr>
<tr>
<td>USB Audio Class 1</td>
<td></td>
</tr>
<tr>
<td>[up to 96kHz 24 bit]</td>
<td></td>
</tr>
<tr>
<td>USB Audio Class 2</td>
<td></td>
</tr>
<tr>
<td>[up to 192kHz 24bit]</td>
<td></td>
</tr>
<tr>
<td>*Driver installation required</td>
<td></td>
</tr>
<tr>
<td><strong>Power Requirements:</strong></td>
<td></td>
</tr>
<tr>
<td>USA:</td>
<td>120 Volts, 60 Hz</td>
</tr>
<tr>
<td>EC:</td>
<td>230 Volts, 50 Hz</td>
</tr>
<tr>
<td><strong>Power Consumption</strong></td>
<td>15 watts</td>
</tr>
<tr>
<td><strong>Standby Power Consumption</strong></td>
<td>&lt; 0.5 watts</td>
</tr>
<tr>
<td><strong>Dimensions [W x H x D]</strong></td>
<td>431 x 99 x 320 mm</td>
</tr>
<tr>
<td>[17 x 4 x 12 1/8 ins]</td>
<td></td>
</tr>
<tr>
<td><strong>Front Panel Height</strong></td>
<td>2U (88.1mm, 3 1/2 ins)</td>
</tr>
<tr>
<td><strong>Weight [net]</strong></td>
<td>7kg, 16 lbs</td>
</tr>
</tbody>
</table>

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修理。

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搁柜上, 柜内应有通风口, 以便于产品的散热。

请勿将遥控器内的电池暴露于太阳、火源等类似的高温条件下。
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

ROTEL RCD-1570

ROTEL RC-1570

ROTEL RB-1552MKII
图5: 数字输入和12V触发输出
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。
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，这种激情丝毫不减，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。

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。控制器按键可用于操作您系统里的CD机和调谐器，使遥控器正常工作，请确保遥控器和CD机或调谐器的遥控代码一致。

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面板控制器上的项目，圆圈中的字母表示遥控器图示上的项目。

注意：这遥控器可以操作一些洛得调谐器和CD播放机的基本功能。控制器按键可用于操作您系统里的CD机和调谐器，使遥控器正常工作，请确保遥控器和CD机或调谐器的遥控代码一致。

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）。取下遥控器背的电池仓盖，按电池正负极标示正确安装电池。遥控器应放置在遥控器发出口与目标接收之间的直线上，不可在目标接收的发射面积之外。

交流电源和控制

交流电源输入

RC-1570出厂时已设置于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，或中国：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。应避免将放大器放在其它设备的上面，以免影响放声器的质量。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。

平衡(XLR)输入

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

注意：请只选择一种模式连接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。

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。

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。

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，需将音频线插到前置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。

音量控制

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，按遥控器上的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。

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BASS(低音)或TREBLE(高音)键，再按LEFT或RIGHT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。

音调控制

经过适当设置的高性能音频系统可产生最自然的声音，无需再作调整或只作细微调整。请谨慎使用这些控制。向上调整控制时请特别小心，这将加大低音或低音范围的功率输出，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+或-键调整显示屏亮度。

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↑键调节为临时性更改，关闭电源后则不被保存。

功能控制

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

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

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和正确连接插头到小型插座的方法。

Computer I/O（计算机输入/输出）

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

更有多关于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

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），使用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，需要从计算机的音源/音箱设置中选择ROTEL音频驱动。

设置菜单

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

- 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。
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

<table>
<thead>
<tr>
<th>USB Apple [iPhone, iPod, iPad]</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>格式</td>
<td>注意</td>
<td></td>
</tr>
<tr>
<td>Apple Lossless</td>
<td>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。</td>
<td></td>
</tr>
<tr>
<td>MP3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AAC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AIF</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAV</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USB 蓝牙</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>格式</td>
<td>注意</td>
<td></td>
</tr>
<tr>
<td>发送装置支持的任何格式</td>
<td>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。</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>USB 存储器</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>格式</td>
<td>注意</td>
<td></td>
</tr>
<tr>
<td>MP3</td>
<td>最大48K 16 Bit</td>
<td></td>
</tr>
<tr>
<td>WMA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>WAV</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OGG Vorbis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M4A/AAC</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PC-USB</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>格式</td>
<td>注意</td>
<td></td>
</tr>
<tr>
<td>根据使用的Media Player/服务器软件而定</td>
<td>任何电脑软件支持的格式 44.1K, 48K, 88.2K, 96K, 176.4K, 192K 16 bit, 24 bit</td>
<td></td>
</tr>
</tbody>
</table>

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

### 输入灵敏度/阻抗

<table>
<thead>
<tr>
<th>输入类型</th>
<th>唱盘机输入 (MM)</th>
<th>线性电平输入 (RCA)</th>
<th>线性电平输入 (XLR)</th>
</tr>
</thead>
<tbody>
<tr>
<td>唱盘机输入 (MM)</td>
<td>2.5 mV / 47kΩ</td>
<td>150 mV / 24kΩ</td>
<td>300 mV / 100kΩ</td>
</tr>
<tr>
<td>输入过载</td>
<td>唱盘机输入</td>
<td>65 mV</td>
<td>4.3 V</td>
</tr>
<tr>
<td></td>
<td>线性电平输入</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>输入过载</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 输出电平/阻抗

<table>
<thead>
<tr>
<th>输出类型</th>
<th>RCA</th>
<th>XLR</th>
</tr>
</thead>
<tbody>
<tr>
<td>输出 (RCA)</td>
<td>1V / 100Ω</td>
<td>2V / 100Ω</td>
</tr>
</tbody>
</table>

### 频率响应

<table>
<thead>
<tr>
<th>输入类型</th>
<th>唱盘机输入 (MM)</th>
<th>线性电平输入 (RCA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>唱盘机输入 (MM)</td>
<td>20 Hz-20kHz, 0 ± 0.3 dB</td>
<td>4 Hz-100kHz, 0 ± 0.3 dB</td>
</tr>
</tbody>
</table>

### 音调控制

<table>
<thead>
<tr>
<th>操作</th>
<th>低音</th>
<th>高音</th>
</tr>
</thead>
<tbody>
<tr>
<td>值</td>
<td>±10 dB at 100Hz</td>
<td>±10 dB at 10kHz</td>
</tr>
</tbody>
</table>

### 信噪比 (IHF “A”加权)

<table>
<thead>
<tr>
<th>输入类型</th>
<th>唱盘机输入 (MM)</th>
<th>线性电平输入 (RCA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>唱盘机输入 (MM)</td>
<td>80 dB</td>
<td>110 dB</td>
</tr>
</tbody>
</table>

### 数字部分

#### 10Hz - 95kHz [±3.0dB, Max]

<table>
<thead>
<tr>
<th>功能</th>
<th>WAV, MP3, WMA [高达48kHz 16 bit]</th>
<th>SPDIF LPCM [高达192kHz 24 bit]</th>
</tr>
</thead>
</table>

### PC-USB

<table>
<thead>
<tr>
<th>功能</th>
<th>USB Audio Class 1 [高达96kHz 24 bit]</th>
<th>USB Audio Class 2 [高达192kHz 24 bit]*</th>
</tr>
</thead>
</table>

*需要安装驱动

### 电源要求

<table>
<thead>
<tr>
<th>地区</th>
<th>北美</th>
<th>欧洲</th>
<th>中国</th>
</tr>
</thead>
<tbody>
<tr>
<td>电压 (V)</td>
<td>120</td>
<td>230</td>
<td>220</td>
</tr>
<tr>
<td>频率 (Hz)</td>
<td>60</td>
<td>50</td>
<td>50</td>
</tr>
</tbody>
</table>

### 功率消耗

<table>
<thead>
<tr>
<th>模式</th>
<th>15 W</th>
<th>&lt; 0.5 W</th>
</tr>
</thead>
</table>

### 尺寸 (宽x高x深)

<table>
<thead>
<tr>
<th>尺寸 (inches)</th>
<th>43.1 x 99 x 320 mm</th>
</tr>
</thead>
</table>

### 前面板高度

<table>
<thead>
<tr>
<th>前面板高度 (inches)</th>
<th>88.1 mm</th>
</tr>
</thead>
</table>

### 重量

<table>
<thead>
<tr>
<th>重量 (lbs)</th>
<th>16 lbs.</th>
</tr>
</thead>
</table>

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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