ROTEL®

STEREO PASSIVE CONTROLLER

RHC10

OWNER'S MANUAL

使用説明書

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WARNING
TO PREVENT FIRE OR SHOCK HAZARD,
DO NOT EXPOSE THIS APPLIANCE
TO RAIN OR MOISTURE

Write your SERIAL NUMBER here.
The number is located near the name plate on the rear panel.

SAFETY INSTRUCTIONS

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

1. Read Instructions — All the safety and operating instructions should be read before the appliance is operated.
2. Retain Instructions — The safety and operating instructions should be retained four for future reference.
3. Head Warnings — All warnings on the appliance and in the operating instructions should be adhered to.
4. Follow Instructions — All operating and other instructions should be followed.
5. Water and Moisture — The appliance should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
6. Carts and Stands — The appliance should be used only with a cart or stand that is recommended by the manufacturer.
7. Wall or Ceiling Mounting — The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
8. Ventilation — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
9. Heat — The appliance should be situated away from heat sources such as radiators, stoves, or other appliances that produce heat.
10. Cleaning — The appliance should be cleaned only as recommended by the manufacturer.
11. Object and Liquid Entry — Care should be taken so that objects do not fall into and liquids not spilled into the inside of the appliance.
12. Damage Requiring Service — The appliance should be serviced by qualified service personnel when:
    A. Objects have fallen, or liquid has been spilled into the appliance; or
    B. The appliance has been exposed to rain; or
    C. The appliance does not appear to operate normally or exhibits a marked change in performance; or
    D. The appliance has been dropped, or the cabinet damaged.
13. Servicing — The user should not attempt to service the appliance beyond those means described in the operating instructions. All other servicing should be referred to qualified service personnel.
14. Grounding or Polarization — The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.

Forward

Thank you for purchasing a Rotel high-end product.

This Rotel component has been endowed with years of our dedicated work in audio technologies, the result of countless technical experiments and stringent listening tests during development. That we have devoted so much time in conducting these tests has come about for no other reason than the fact that we at Rotel simply love good music.

In our pursuit of genuine musicality, Rotel has been very stubborn about circuit designs and uncommonly exacting in selection of parts so as not to depart in any way from the basic Rotel philosophy of balanced design and no-nonsense operation. The deciding factors behind the sound reproduced by this component were not determined by high-performance measuring instruments or computers but by human ears with heartful sensitivity. We believe that you, a devoted music lover will be fully pleased with our rich musical sound that is of a caliber never before experienced in your room.

We are confident that the product will provide you with many years of satistying entertainment.

NOTE

The design philosophy of this product is different from that of conventional audio components. Because of this, several areas concerning how the product is used and how it is connected require special attention. Before you enjoy the rich musical sound provided by this product, please take some time to familiarize yourself with the contents of this manual to ensure that you will use it effectively and safely.

Prior to Use

For safe use of this component, please adhere to the following cautions:

1. Do not attempt to modify or otherwise alter this product.

This component has been adjusted and inspected at our factory before being shipped. Attempts at alterations not only can cause problems but can also contribute to deterioration of its superior sound quality.

2. Choose a proper location.

Place the unit horizontally in a location that is free of vibrations, humidity, dust, and away from direct sunlight.

3. In the event that water or other foreign matter enters the unit...

Water or other foreign matter entering the unit is a cause for breakdown. Please ensure that this does not occur. In the event a breakdown of this type does occur, disconnect the unit and consult the authorized Rotel dealer where you purchased it.

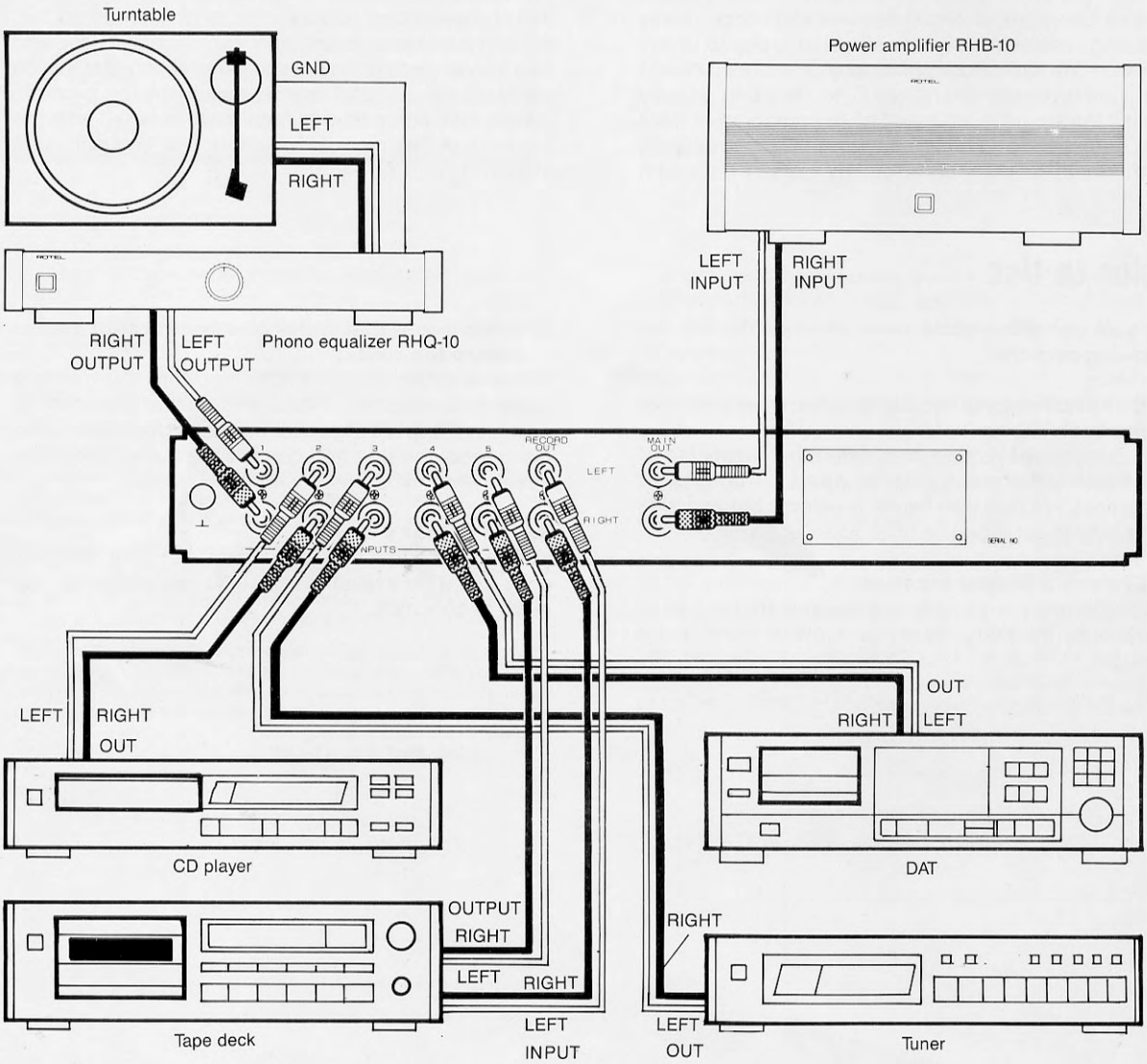
4. The owner's manual

Keep this manual in a safe place with your warranty copy. Let it be available readily to you whenever you need to consult it.

Connecting Components

This unit is a passive controller, equipped with 5 sets of high level input terminals and 2 sets of output terminals. It is a device that is designed for adjusting output levels and selecting input sources; no amplification or equalization of any kind is incorporated. The input terminals can accommodate components such as CD players, DATs, tape decks and tuners, except turntables which do require amplification. As for the two output terminals, RECORD OUT is for output to tape decks while MAIN OUT is for output to the RHB-10 or other power amplifier. Use only highest grade interconnect cables when making connections. Left-channel terminals are aligned along the upper row while right-channel terminals occupy the lower row; be sure that you connect the LEFT OUT and RIGHT OUT of the output devices to this unit correctly.

Figure 1



Front Panel

(1) Attenuator
Sources connected to this unit can be adjusted for level when output to a power amplifier. Operating the knob will alter the volume that is reproduced through the power ampplifier. Turn the knob to the right (clockwise) to raise the volume, or to the left (counter-clockwise) to lower it. The front piece of the knob toward you operates the right channel while the larger back piece is for the left channel. Though both pieces of this cocentric knob can be operated simultaneously, using them separately lets you adjust the balance between the two channels.

(2) REC OUT Selector
The REC OUT Selector switch is used to select a REC OUT terminal from among input terminals 1 - 4 on the rear panel. (Input terminal 5 is not affected.) Input terminals 1 - 4 are used when signals from a source connected to one of these terminals are to be recorded onto a tape deck. Turn the switch to OFF when not recording.

(3) Input Selector
The Input Selector switch is used to select one of the 5 input terminals on the rear panel for output through the MAIN OUT terminal. Use this switch when you want to listen to signals from a source connected to one of these five terminals.

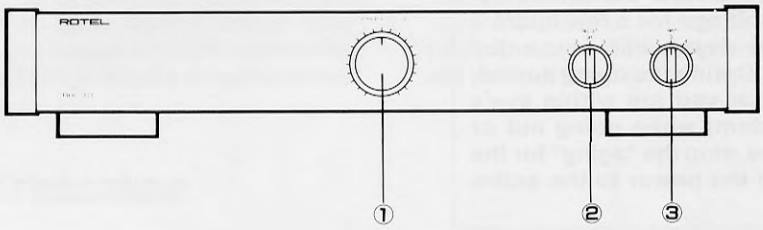


Figure 2

Operations

Check to ensure all components including this one are properly connected.

Listening
1. The signals to be output through the MAIN OUT terminal to the power amplifier are selected using the Input Selector. Turn the attenuator all the way to the left to minimum.
2. Turn on the power of the power amplifier and start up play on the selected source.
3. Turn the attenuator toward the right until you reach the desired listening volume.

NOTE 1: To enjoy the highest possible sound quality, be sure that the REC OUT Selector is set to OFF when just listening.

NOTE 2: In the event that noise occurs, connect a wire to the ground terminal on the rear panel of this unit, and connect the other end to the ground terminal on the applicable source device or any other point on its chassis where noise can be brought down to a minimum.

IMPORTANT
When connecting a wire to another unit as described in NOTE 2 above, absolutely avoid touching the wire onto any areas related to the power source such as auxiliary AC outlets or inserting the wire inside the chassis.

Recording
1. Use the REC OUT Selector to select the source device you wish to record.
2. Start play on the selected source device and start the recording function on the tape deck.

NOTE:
The attenuator will not work for recording since the signals will not be passing through it. Monitoring the sound during recording, is possible, but we discourage this as it can adversely affect the highest-quality sound guaranteed by this component.

Concerning "Aging" and Handling of the Attenuator and Selectors

Though this unit is completely passive system without a power supply section, it will also require "aging" or "burning in" as with other high-end components. This "aging" process will stabilize the functioning and characteristics of the parts and circuits so that they deliver the highest quality sound possible out of this unit. Once all connections have been completed and the system is fully assembled, "aging" should be done in conjunction with the other components. "Aging" time is normally about 100 hours.

IMPORTANT
It is not necessary to "burn in" this unit by leaving it turned on through power amplifier for 100 hours continuously. Instead, let the unit age for a few hours a day over several days while you enjoy normal listening. During the aging period, it is important that you are within eye's reach of the system; when going out or sleep, for instance, stop the "aging" for the time and turn off the power to the entire system.

Since this component is equipped with the highest-grade attenuator, even extremely slight oxidation inside the unit or loss of uniformity among electrical connections can cause degradation in the sound quality. On days you do not use the system, we recommend that you simply move the attenuator and selector switches while leaving the power to the system off, as even this operation will help to prevent deterioration over the years.

Specifications

Input (1-5) Impedance...	10 kohms
Main Out Impedance....	Source impedance
Crosstalk (20-20kHz)....	80dB
Channel Separation (20-20kHz)	75dB
Inputs	5 (five) unbalanced
Outputs.....	2 (two) unbalanced output (Rec Out & Main Out)
Dimensions (overall).....	470 (W) × 76 (H) × 332 (D) mm 18-1/2″ × 3″ × 13-1/16″
Weight	5.0kg/12.1 lbs

- Specifications and design subject to possible modification without notice.