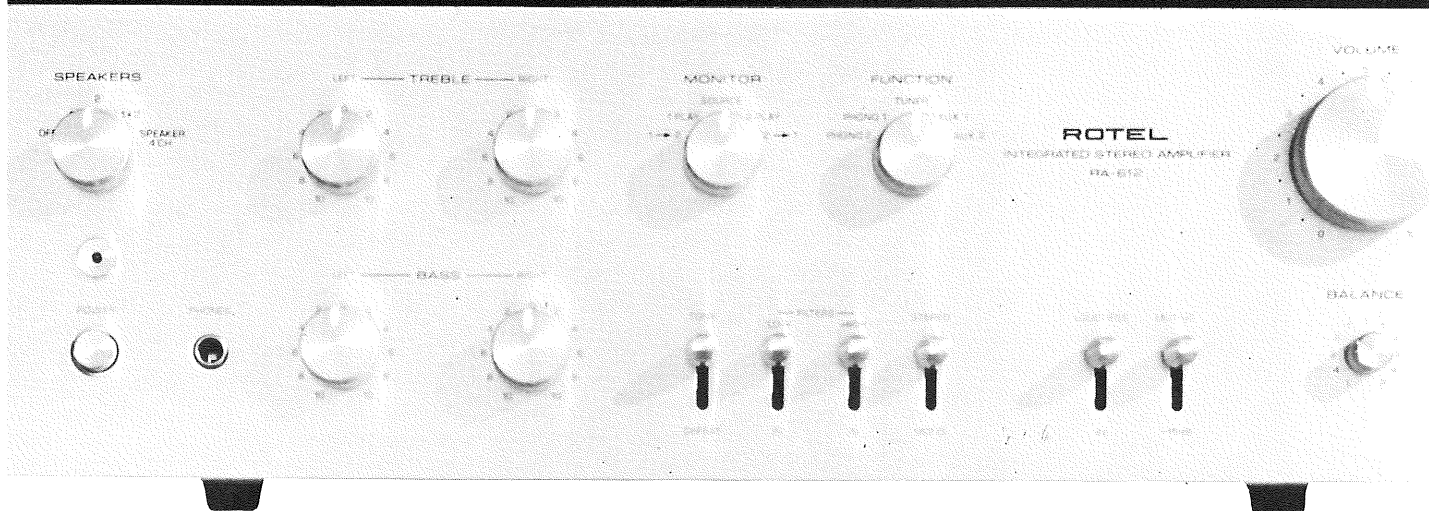


# Owner's Manual

Stereo Integrated Amplifier

# RA-612



## ROTEL®

### INTRODUCTION

We would like to take this opportunity to congratulate you on your purchase of our audio component. With the latest technology and workmanship that goes into making this equipment, you can be assured of its high quality performance for many years to come.

We have fitted a comprehensive range of controls and features for your convenience. Designed for both versatility and ease of operation, this piece of equipment will add professional studio flexibility to your Hi-Fi

sound center. The performance is exceptional, allowing you to experience true high fidelity. Its full and natural sound reproduction offers you musical entertainment approaching that of live performances. We sincerely hope you will treasure this professional type component. In order to obtain the maximum use out of your equipment, we urge you to read the following pages of this Owner's Manual carefully.

### CONTENTS

- 2/3 SYSTEM CONNECTIONS
  - BEFORE ENJOYMENT
  - POWER SUPPLY CONNECTION
  - LOCATING THE UNIT
  - SPEAKERS PLACEMENT
  - SPEAKER CONNECTING
  - GROUND
  - CONVENIENCE AC OUTLET
- 4/7 ALL ABOUT THE ROTEL RA-612
  - SPECIFICATIONS
  - BLOCK DIAGRAM
  - FUNCTIONS & CONTROLS
  - ADDITIONAL COMPONENTS
- 8 HUM AND NOISE
  - PROTECTION
  - EXCLUSIVE NOTE FOR U.K.

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

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## HUM AND NOISE

In any high fidelity installation, hum may be caused by the interconnection of a record player, tuner and amplifier, and speakers as result of the cables, different grounds or locations of components. If hum is experienced with your unit, disconnect everything but the speakers from the unit. If the hum persists, reverse the power plug at the power source. Plug in the record player and if hum or howling appears, reverse the record player power plug or re-mount the record player away from the speakers as much as possible. Note hum may also be induced by defective connecting cables or by running these cables too close to a strong AC field.

When your unit picks up noises during the reception of broadcasts, causes are mostly due to external objects such as fluorescent lamps and house appliances using motor or thermostat, or others that may induce the noises. Either relocating the unit away from the noise sources or using an improved outdoor antenna may readily solve the problem. In the event you cannot find causes, consult your dealer or a qualified electrician.

## PROTECTION

This equipment is protected by a special automatic resettable protection circuit and the fuses installed inside the chassis. If the unit fails to operate when plugged in and turned on or if it suddenly becomes completely inoperative while playing (i.e. one or both speakers are silent regardless of speaker switches and function selector control position), the protection circuit is probably activated due to an overload condition such as shorting by stranded speaker wires at the speaker terminals. Once the fault is found and corrected, the protection circuit will be deactivated automatically and the unit will work.

**Caution:** If the unit does not operate, or if it becomes inoperative within a short time, consult your dealer or a ROTEL service center.

## EXCLUSIVE NOTE FOR U.K.

If your unit comes with a 3-core cable without a plug, make certain live, neutral and (where appropriate) earth leads are connected to the proper terminals. Check that the terminals are screwed down firmly and no loose strands of wire are present.

**WARNING:** THIS APPARATUS MUST BE EARTHED

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

GREEN/YELLOW:	EARTH
BLUE:	NEUTRAL
BROWN:	LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.

The wire which is coloured GREEN/YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol , or coloured GREEN or GREEN/YELLOW.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLUE or BLACK. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured BROWN or RED. The apparatus must be protected by a 3 Amp fuse if a 13 Amp (BS 1363) plug is used. If another type of plug is used a 5 Amp fuse or lower must be used, either in the plug or adapter or at the distribution board.