



# **R Zero/II**

**PHONO STAGE**

**OWNER'S INFORMATION**

## **! IMPORTANT SAFETY INFORMATION !**

**HUMIDITY: DO NOT STORE OR OPERATE THIS UNIT IN AREAS OF HIGH HUMIDITY, OR IN CLOSE PROXIMITY TO WATER/DAMPINESS. DO NOT EXPOSE THE UNIT TO LIQUID.**

**EARTHING: THIS PRODUCT MUST BE EARTHED – ENSURE THAT THE MAINS SUPPLY CABLE IS EARTHED.**

**SHOCK: INTERNAL OPERATING VOLTAGES ARE LETHAL! DO NOT REMOVE THE TOP COVER. DO NOT ATTEMPT TO REPLACE THE FUSE WITHOUT DISCONNECTING THE UNIT FROM THE MAINS SUPPLY.**

**SAFETY COMPONENTS: INTERNAL FUSES AND OTHER SAFETY COMPONENTS ARE LOCATED INSIDE THIS UNIT IN ACCORDANCE WITH BS 60065 REQUIREMENTS.**

**IN THE EVENT OF SAFETY COMPONENT FAILURE, THEY MUST BE REPLACED WITH THE SAME PART TYPES ONLY. SUCH REPLACEMENT MUST BE CARRIED OUT BY A QUALIFIED SERVICE TECHNICIAN.**

### **PRECAUTION**

- Never touch the power cord with wet hands.
- Always pull the power cord out by the plug, not by the cord.
- Never expose the system to rain, moisture, excessive heat and magnetism.
- Never let an inexperienced person repair or reassemble the unit.
- Never put anything, especially metal, into the unit.
- Never place excessive weight on the unit.

### **POWER REQUIREMENTS**

Power requirements for electrical equipment differ from area to area. Please ensure that your unit meets the power requirements in your area. The power requirement for your phono stage is marked on the serial number plate on the rear panel.

If you are in doubt, please contact your dealer before plugging the unit into the mains supply!

## **CE DECLARATION OF CONFORMITY**

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents:  
BS EN 60065 in accordance with the regulations 73/23/EEC, 89/336/EEC (from 1<sup>st</sup> January 1997), 62/499/EEC, 87/308/EEC standard.

CE 94

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## GENERAL

*Congratulations* on your purchase of the Audio Note R Zero/II phono stage.

The R Zero/II provides outstanding performance as an additional unit for line level playback systems, is of a compact size and represents excellent value.

Please read over this manual carefully in order to obtain the best possible performance and longevity from the phono stage.

## UNPACKING & INSTALLATION

We recommend that you store the packaging materials in case the unit requires shipping at a later date. Also, check that no transit damage has occurred before installing the phono stage.

Next, select a suitable location for the unit, not next to any large mains unit or damp areas.

Worthwhile improvements may be obtained by locating the pre amplifier on a support system specifically designed to reduce and absorb any vibrations.

## AFTER CARE

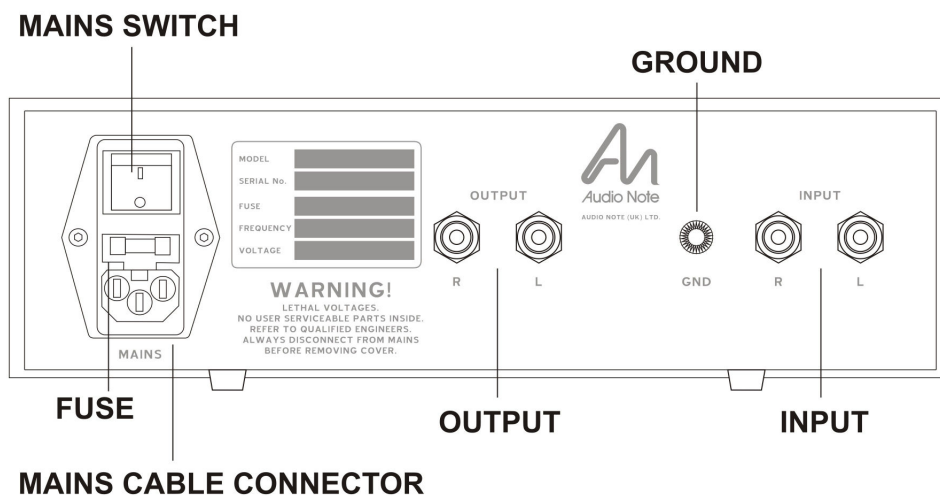
**Cleaning:** No special maintenance is required for the R Zero/II. A soft cloth or brush similar to those sold by photographic stores for lens cleaning applications is best used for cleaning.

Use a cloth lightly dampened with a mildly warm, weak soap solution to clean off grease or oily substances. Strong or alcohol based solvents may damage the finish of this amplifier.

**Tube replacement:** *The vacuum tubes used in the R Zero/II should provide about ten years of continuous operation.*

Audio Note has taken considerable care in selecting and matching vacuum tubes specially for the R Zero/II, and so we recommend that you contact your Audio Note dealer, who will be able to provide the correct tube should replacement be required.

## CONNECTIONS:



Use the supplied mains cable to connect the phono stage to the mains supply, ensuring that the plug is firmly inserted to the mains input socket.

## Connection - Turntable

One set of RCA output connectors are provided marked `INPUT`. The connectors are colour coded with red and white bands for quick channel identification with red being the right channel and white being the left channel. Connect the turntable lead to these sockets. If you have an earth lead connect it to the screw earth terminal.

## Connection to Pre-amp or Integrated Amplifier

One set of RCA output connectors are provided marked `OUTPUT`. The connectors are colour coded with red and white bands for quick channel identification with red being the right channel and white being the left channel. Connect the R Zero/II to any line input on your pre-amp or integrated amplifier (eg: aux, av, etc).

**Special Note:** make sure that all connections are tight and clean. For best performance, use good quality audio interconnect. Although several companies manufacture good quality interconnects, those manufactured by Audio Note are excellent!

## USING THE R Zero/II

Once all connections are completed and checked, flip the main on/off switch located next to the mains input socket to the "on" position. The red indicator on the front panel should now be glowing. Being vacuum tube, the pre amplifier will take about 45 seconds before it is ready for operation. The power amplifier may now be turned on.

**Bedding in time:** The new pre amplifier requires about 200 hours of initial use (called "bedding in time") before the circuitry becomes stable and optimum performance is realised. As the amplifier "beds in", the sound will become more lucid, detailed and expansive.

Once the R Zero/II is "bedded in", a warm-up time of approximately 30 to 45 minutes is required each time the unit is turned on before *optimum* sonic performance is reached.

The R Zero/II is designed for continuous operation and may remain switched on, even when not in use. The power consumption is minimal. You may, however, prefer to turn the unit off when not in use by using the "ON/OFF" switch located on the rear panel, next to the mains inlet socket.

## TECHNICAL OVERVIEW

The R Zero/II meets the requirements of Level Zero and the basic technological requirements of all Audio Note™ products. Audio Note™ use a technique called "Comparison by Contrast"\* during the development of our products. This method of aural evaluation is a system currently unique to Audio Note. High quality parts are used throughout the phono stage. The circuitry is simple and incredibly effective, yielding a high level of sonic performance.

\* An essay titled 'Audio Hell' that describes the Comparison by Contrast technique is available on Audio Note web site under link [http://www.audionote.co.uk/articles/art\\_audio\\_hell.shtml](http://www.audionote.co.uk/articles/art_audio_hell.shtml).

## WARRANTY AND SERVICING

Audio Note™ warrants this product free from defects in materials and workmanship for one year from original date of purchase from an appointed Audio Note dealer. The vacuum tubes are warranted for three months.

In the event that your Audio Note™ product requires servicing, please contact your Audio Note™ dealer. If the component needs to be shipped, please use the original packaging materials and include a copy of the sales purchase with a note, explaining, in as much detail as possible, the problems that you are experiencing with the unit.

If you require technical support, new vacuum tubes or have any questions, please direct them to your local Audio Note™ dealer.

## **SPECIFICATIONS**

**Power source:** AC 100-120V/220-240V 50/60 Hz

**Fuse:** 220/240V – 800 mA Anti-surge  
100/120V – 800 mA Anti-surge

**Dimensions:** 300 (W) x 96 (H) x 270 (D) mm  
(incl. connectors)

**Weight:** 3kg

**Max power consumption:** 48W