

**WARNING:** THE MINIMUM SPEAKER IMPEDANCE IS 4 OHMS.

IF YOU CONNECT AND USE THE MA258 WITH A LOWER SPEAKER IMPEDANCE THAN 4 OHMS YOU WILL DAMAGE THE UNIT AND POSSIBLY OTHER EQUIPMENT THAT IS CONNECTED TO THE MA258.

## SPECIFICATIONS:

Line Input Impedance:	10K Ohms
Power Output:	20 Watts X 2 (4 Ohms)
Voltage Gain:	30 dB Line
Maximum Supply Voltage:	24 VDC
THD:	.05% typical
EIN:	3 mV
Efficiency:	85%
Input Sensitivity:	28 mV
Bandwidth:	20Hz - 25 kHz +/- 3dB
+Size:	6.75" x 3.5" x 1.5"
Weight:	1.6 lb.



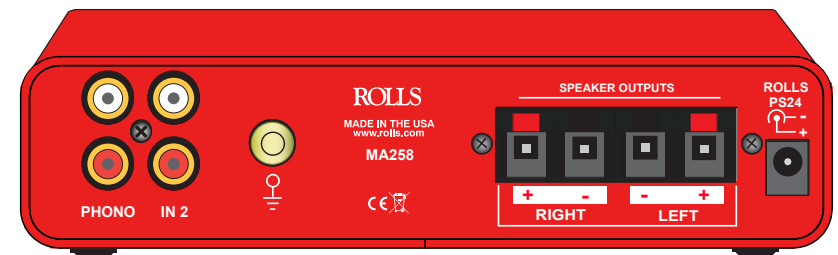
# ROLLS

## MA258

### 20 + 20 watt

### Audio Amplifier

### With Headphone Amp



- Audiophile preamp - amplifier
- Built in Headphone Amplifier
- Low noise, efficient operation
- Small compact size
- Class D high efficiency amp

## Connection guide

## INTRODUCTION

Thank you for your purchase of the MA258. The MA258 is intended for high end audiophile speakers or headphone listening. It has a FR4(V94-0) rated glass epoxy circuit board, and a powder coated all steel chassis. It is designed to last.

**NOTE: THIS MANUAL ASSUMES THE USER HAS A WORKING KNOWLEDGE OF AUDIO ELECTRONICS, BALANCED AND UNBALANCED CONNECTIONS, AND PROPER SIGNAL LEVEL SETTING.**

### INSPECTION / WARRANTY

1. Unpack and inspect the MA258 box and package. If obvious physical damage is noticed, contact the carrier immediately to make a damage claim. We suggest saving the shipping carton and packing materials for safely transporting the unit in the future.
2. Please visit our web site at [www.rolls.com](http://www.rolls.com) and click on the Register Your Warranty Here button.

## FRONT PANEL

**VOLUME:** Adjusts the level of signal.

**IN 1:** 3.5mm jack: For connection to a phone, music player or computer. TRS Stereo (left, right and ground).

**HEADPHONE:** Headphone output jack 3.5mm stereo.

**INPUT SELECTOR SWITCH:** Selects channel used.

## OPERATION

The MA258 was designed to have the highest level of sound quality, whether you are using it as a headphone amp or with speakers. At every design stage we spent a considerable amount of time focused on one thing, sound quality.

The inputs and outputs of the MA258 are self explanatory. Plug a signal in, select the source, and connect to your desired headphones or speakers.

One thing to note about the MA258 is the speakers are the default output. When you plug Headphones into the headphone jack on the front of the unit. The power amp section is then completely disconnected from the circuit. Meaning that when using the Headphone output of the MA258 the unit is only a headphone amplifier.

## REAR PANEL

**SPEAKER OUTPUT:** Push terminals for speaker wire.

**PHONO:** RCA for connection to a record player

**IN 2:** RCA stereo input

**PS24:** For connection to the included power supply.

**GROUND POST:** Standard phono grounding post.

