

# ROLLS

## HA43 HEADPHONE AMPLIFIER



### Owners Manual

#### LIMITED WARRANTY

This product is warranted to the original consumer purchaser to be free from defects in materials and workmanship under normal installation, use and service for a period of one (1) year from the date of purchase as shown on the purchaser's receipt.

The obligation of Rolls Corporation under this warranty shall be limited to repair or replacement (at our option), during the warranty period of any part which proves defective in material or workmanship under normal installation, use and service, provided the product is returned to Rolls Corporation, TRANSPORTATION CHARGES PREPAID. Products returned to us or to an authorized Service Center must be accompanied by a copy of the purchase receipt. In the absence of such purchase receipt, the warranty period shall be one (1) year from the date of manufacture.

This warranty shall be invalid if the product is damaged as a result of defacement, misuse, abuse, neglect, accident, destruction or alteration of the serial number, improper electrical voltages or currents, repair, alteration or maintenance by any person or party other than our own service facility or an authorized Service Center, or any use violative of instructions furnished by us.

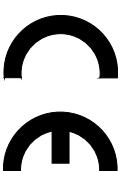
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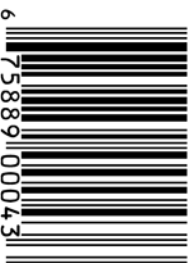
## HA43

### Headphone Amplifier

- Single input, four output headphone amplifier
- Slider volume controls
- AC adapter included
- Full frequency response
- Lots of output level, it's loud.



The HA43 is for expanding or generating headphone channels. It has a 1/4" stereo input, four volume controls, four 1/4" stereo output jacks, and is powered by the included AC adapter. The unit has 20Hz to 20kHz frequency response and is small and easy to use.



Rolls Corporation  
Salt Lake City, UT  
4/04

## INTRODUCTION

Thank you for your purchase of the HA43 Headphone Amplifier. The HA43 will power four pairs of stereo headphones for high quality audio monitoring. The unit is intended for sound reinforcement, studio, choir, and other applications where a smaller size is desirable.

## DESCRIPTION

**STEREO INPUT:** Stereo 1/4" TRS jack for connection to a stereo line-level source. This jack may also be connected to a stereo headphone output.

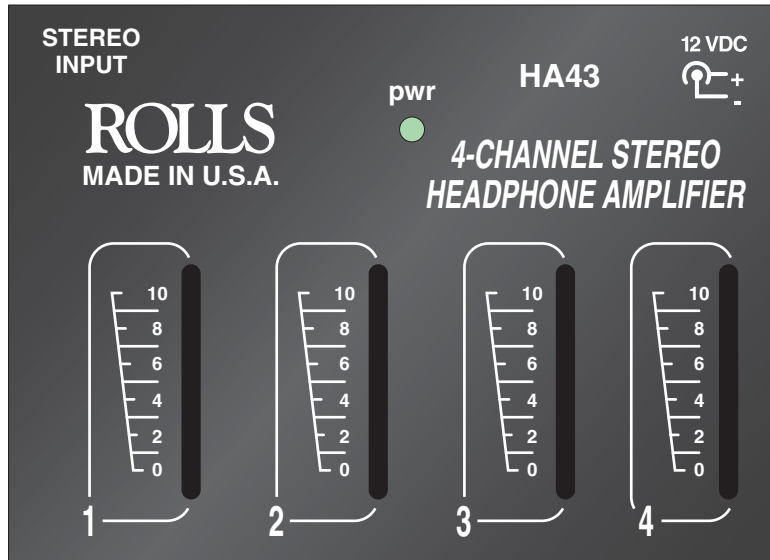
**DC PWR:** For connection to the power supply.

**PWR LED:** Indicates that the HA43 has power connected.

**VOL1 - 4:** Controls the level of the indicated channel output.

**OUT1 - 4:** 1/4" stereo TRS jack for connection to stereo headphones.

**CAUTION:** *Plugging a mono 1/4" plug into the Headphone Outputs may cause permanent damage to the unit. Use ONLY TRS stereo plugs in these jacks.*



## SPECIFICATIONS

Input Impedance:	100K $\Omega$ unbalanced
Max Input Level:	+14 dBV
Input Connectors:	Stereo 1/4" TRS phone
Outputs:	(4) 1/4" Stereo 1/4" TRS phone
Output Impedance:	51 $\Omega$ each output
Max Gain:	20 dB/Channel
S/N Ratio:	>90 dB
THD:	<.008%
IMD (SMPTE)	<.008%
Power:	12 VDC adapter
Weight:	1 lbs (.45Kg)
Size:	3" x 4" x 1.25" (8 x 10 x 3.2 cm)

