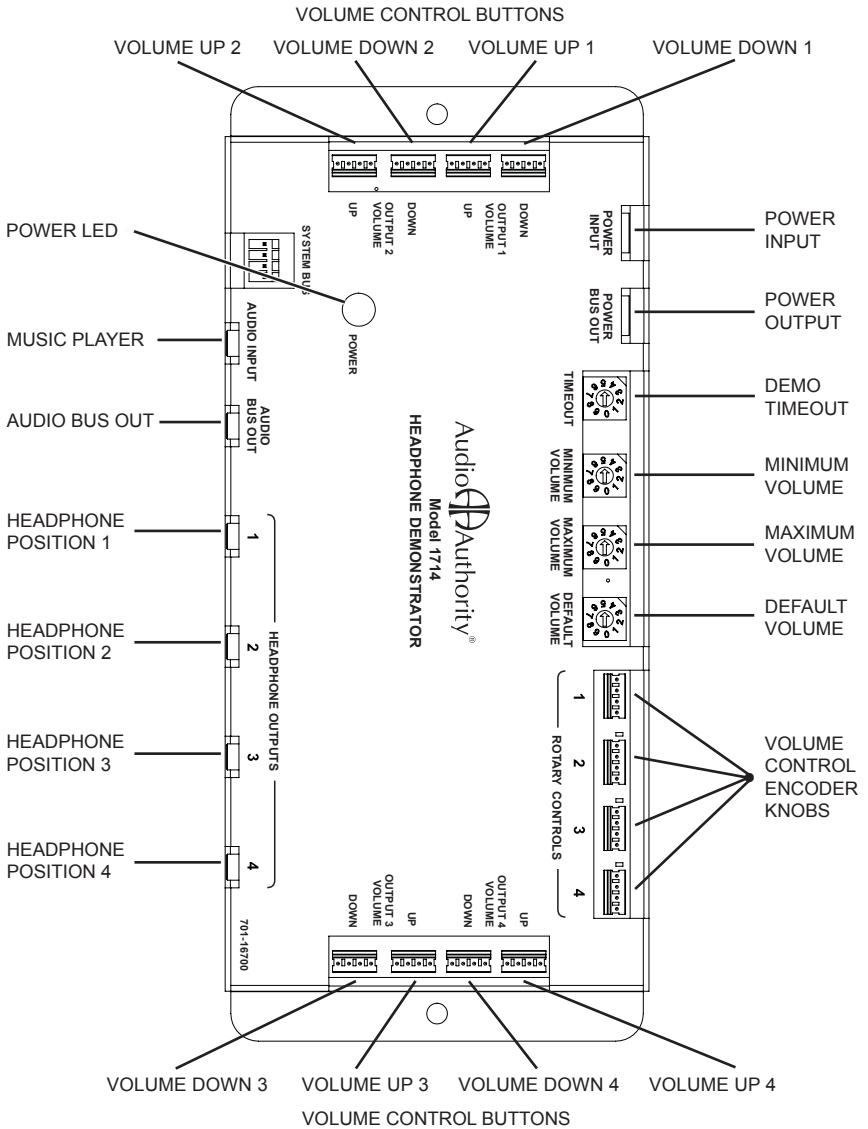# User Manual

Model 1714
Headphone Demonstration
Amplifier with Volume Control

AudioAuthority®

Introduction

The 1714 is designed to provide high fidelity headphone amplification and volume control for self service retail demonstration. All outputs are active all the time, volume is adjusted individually for all outputs.

MODEL 1714

Package Contents

Before installing this product, please check the packaging and make certain the following items are contained in the shipping carton:

- 1714 Headphone Demonstrator
- DC Power Adapter
- User Manual

Note: Please retain the original packing material in case the unit must be returned. If you find any items are missing, contact Audio Authority immediately. Have the Model Number and Invoice available for reference when you call.

Features

- High quality headphone amplification
- Volume control via buttons or rotary encoders (model 1794 sold separately)
- Volume limits
- Adjustable volume reset and timeout

Audio Source

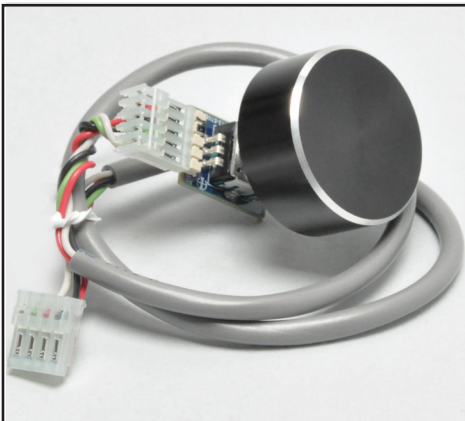Connect a music player to the AUDIO INPUT jack.

Note: Make sure the volume on the player is turned all the way up, and not accessible to customers.
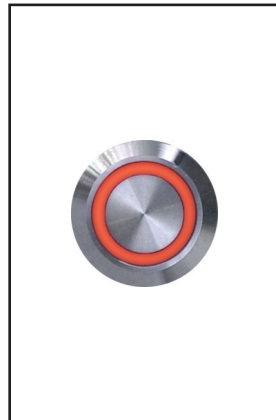
Volume Control (Encoder Knob)

To control volume using a volume knob, connect a four-conductor encoder such as Audio Authority's Model 1794 to the four-pin encoder port at each position. Push the knob to mute audio.

Volume Control (Up and Down Buttons)

To control volume using push-buttons, connect four-conductor momentary switches to each position's up and down port. Compatible push-buttons are available from Audio Authority. Mute is not available when using push-buttons.

1794 Encoder Black knob (672-362), also with brushed aluminum knob (672-363).
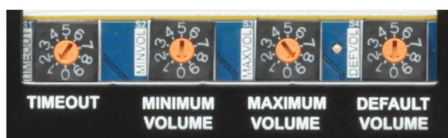

Product Select push-button

Volume Reset and Timeout Interval

All outputs return to default volume after a period of inactivity (the timeout interval). The timeout interval is set by the TIMEOUT dial, in increments of 15 seconds. If the timeout switch is set to 0, the demonstration does not time out. Each time a customer adjusts volume the timeout resets.

Volume Limits and Default Volume

Set volume attenuation limits using VOLUME MINIMUM and VOLUME MAXIMUM dials. They may be adjusted from low (0) to high (9) volume level. DEFAULT VOLUME selects the level of volume at initial power up and between demonstrations.

	Timeout Interval
1	15 seconds
2	30 seconds
3	45 seconds
4	60 seconds
5	75 seconds
6	90 seconds
7	105 seconds
8	120 seconds
9	135 seconds
0	Never

Audio Bus Out

The audio BUS OUTPUT feeds the currently selected audio input (MUSIC PLAYER) to more 1714 modules in the system. Do not connect headphones to this output. Connect a 3.5mm patch cord from the first 1714 bus output to the second 1714 player input, etc.

Power

Connect included 12V power supply to Power Input. Connect a 5.5 mm jumper cable to other 1714 units if desired.

Operation

On power up, the POWER light comes on to show normal operation. VOLUME DOWN/UP buttons (if installed) light up when pressed and released. Press VOLUME DOWN/UP to control volume. Rotary VOLUME knob increases volume with clockwise rotation within volume limits. The push in function activates mute/un-mute, and rotating the knob also un-mutes the audio.