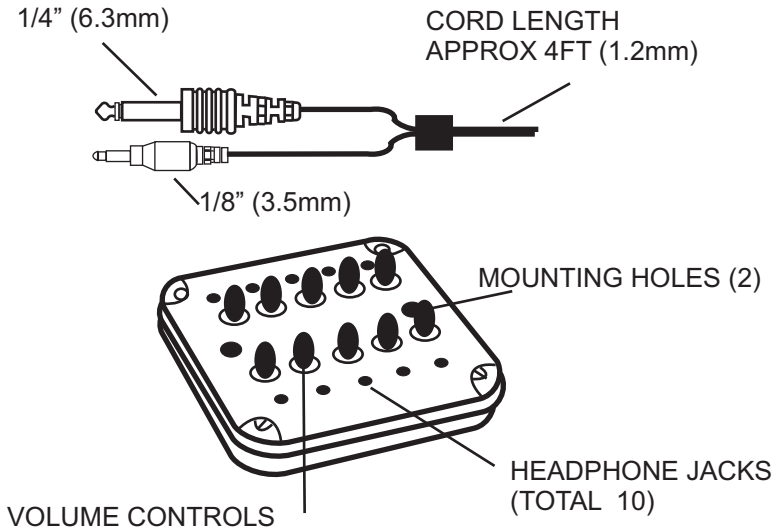


Model HD-10 Accommodates up to Ten Headphones



Connecting the HD-10 to a Louroe Audio Base Station

Connect the HD-10 into the headphone jack located on front panel of the Louroe Base Station, using 1/8"(3.5mm) plug from HD-10.

Determining Audio Source Capacity

All audio sources have an output load capacity, called output impedance. This output impedance is specified using the term "ohms", which is often represented by the symbol "Ω". Headphones are also rated in ohms, and when connecting a headphone to an amplifier, it is important that the ohms rating of the headphone should be equal to or greater than the ohms rating of the amplifier. For example, if the amplifier is rated for eight ohms, the headphone should be at least eight ohms.

Headphone impedance is dramatically reduced when connecting multiple headphones. Therefore, it is necessary to use the following formula to determine the combination impedance of several headphones.

$$\text{combined headphone impedance} = \frac{\text{impedance per headphone}}{\text{number of headphones being connected}}$$

Example: Find the combined impedance of ten 300-ohm headphones

$$\text{combined headphone impedance} = \frac{300 \text{ ohms per headphone}}{10 \text{ headphones}} = 30 \text{ ohms}$$

The audio source must have an impedance of 30ohms or less.

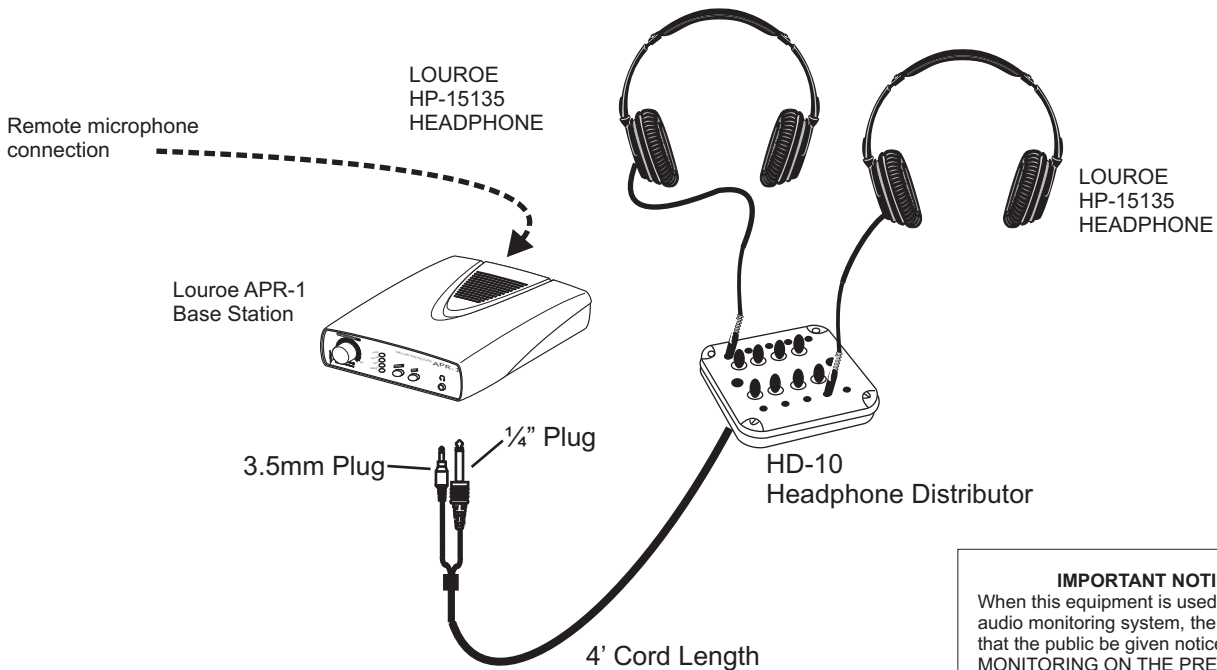
Note: This formula works when all headphones are of the same impedance. It is recommended that all headphones be of the same type and impedance to insure uniform output volume for all listeners.

INSTALLATION AND OPERATING INSTRUCTIONS

HEADPHONE CONNECTION TO MODEL HD-10 HEADPHONE DISTRIBUTOR AND TO A LOUROE AUDIO BASE STATION

A Typical Louroe Audio Monitoring System Utilizing Model HD-10 Headphone Distributor with Headphones

(HD-10 Supplied by Louroe)



IMPORTANT NOTE

Make certain that 1/4" headphone plug is completely inserted into HD-10 port

IMPORTANT NOTICE

When this equipment is used as part of an audio monitoring system, the law requires that the public be given notice of AUDIO MONITORING ON THE PREMISES. A decal notice is included with each microphone shipped.



Federal Law References:
Federal Regulations, US Code, Title 18,
Crime and Criminal Procedure, Sec 2510.

WARRANTY

LOUROE ELECTRONICS® warrants that at the time of shipment products manufactured by LOUROE ELECTRONICS® to be free of defects in material and workmanship. Should a defect appear within one year (12 months) from date of shipment, LOUROE ELECTRONICS® will, at its sole discretion, repair or replace the defective equipment. This equipment shall not be accepted for repair or return without prior notification by LOUROE ELECTRONICS®.

This warranty does not extend to any Louroe product that has been subjected to improper or incorrect installation, misuse, accident, or in violation of installation instructions provided by LOUROE ELECTRONICS®.

Returned shipments to LOUROE ELECTRONICS® shall be at customer's expense. LOUROE ELECTRONICS® will return the equipment prepaid via best way.