



AMPLIFIED HORN WITH VOLUME CONTROL

AH15A

INSTALLATION

LOUDSPEAKER PLACEMENT

The loudspeaker should be installed at a recommended height of 8 to 12 feet above the floor and aimed towards the area of activity.

MOUNTING

For ease of installation, first remove the mounting bracket from the speaker by removing the wing nut and threaded screw. Secure the bracket to the mounting surface with three screws or bolts. Replace the horn on the mounting bracket and install the threaded screw and wing nut. Orient the horn in the desired position and then hand-tighten the wing nut.

CAUTION: Hand-tighten the wing nut only – do not use pliers or other tools.

The horn may also be mounted on an I-beam by passing 1/2-inch strapping tape through the mounting bracket and properly securing to the beam.

MAINTENANCE

CAUTION: There are no user-serviceable parts within the unit. To avoid an electric shock hazard, have all internal servicing performed by qualified service personnel only. The warranty will become void if repairs are made by other than the Bogen Service Department or authorized service agency.

ELECTRICAL CONNECTIONS

A Bogen Model PRS624DA power supply is recommended for use with this unit; it is capable of supplying power for up to ten AH15A horns. Due to the low-level signal required, two-conductor #22 AWG wire may be used for distribution wiring. Wiring connections are as follows:

AH15A CONNECTIONS		POWER SUPPLY CONNECTIONS	
BLACK Lead	to	24V DC 4A (+)	
WHITE Lead	to	24V DC 4A (-)	
GREEN Lead	to	Amplified Speaker (T)	
RED Lead	to	Amplified Speaker (R)	
TELEPHONE CONNECTIONS*			
TIP Lead	to	Trunk Port (T)	
RING Lead	to	Trunk Port (R)	

* In applications where source loop current is to be provided. See PRS624DA installation instructions for additional information.

VOLUME CONTROL

A rotary control is provided to adjust the volume of the AH15A. As the sound system is put into operation, the volume should be adjusted. A clockwise rotation of the control increases the loudspeaker volume. Output can be turned off by rotating the volume control counterclockwise to the end-point position.