

# BOGEN<sup>®</sup>

## COMMUNICATIONS, INC.

### AMPLIFIED LOUDSPEAKER

**AS-1**

### INSTRUCTIONS

Up to 10 AS-1 units can be driven by a single Bogen Model PRS-ASAC 24-volt DC Power Supply. The PRS-ASAC is a compact unit (2-3/4" x 4-1/2" x 2-1/2") that requires no special installation — simply plug into any 120VAC/60Hz outlet. In applications where source loop current is to be provided, see ELECTRICAL CONNECTIONS below.

In applications where loop current must be provided to the telephone interface, use Bogen Model PRS-624DA Power Supply. Wiring connections are as follows:

### LOUDSPEAKER PLACEMENT

#### NOTE

*Do not mount the speaker near noise-generating equipment (fans, motors, etc.) and do not use where a normal conversation cannot be conducted.*

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

AS-1 CONNECTIONS	POWER SUPPLY CONNECTIONS
<b>BLACK</b> Lead to <b>WHITE</b> Lead to <b>GREEN</b> Lead to <b>RED</b> Lead to	24VDC (+) 24VDC (-) Amplified Speaker (T) Amplified Speaker (R)
<b>TELEPHONE CONNECTIONS</b>	
<b>TIP</b> Lead to <b>RING</b> Lead to	Trunk Port (T) Trunk Port (R)

### ELECTRICAL CONNECTIONS AND ADJUSTMENTS

Power and audio are supplied to each speaker via a 4-conductor cable. When two or more speakers are used in a single paging station, wire all audio and power supply connections in parallel.

Power supply connections are made at the screw terminals marked "+" and "-" (the "+" terminal is ground). Audio connections are made at the screw terminals marked TIP and RING. Wiring connections are as follows:

A rotary control is provided to adjust the volume of the loudspeaker. While someone activates the loudspeaker from the telephone, the volume should be adjusted as necessary. A clockwise rotation of the control increases the speaker volume. Speaker output can be turned off by rotating the volume control counterclockwise to the end-point position.

AS-1 CONNECTIONS	POWER SUPPLY CONNECTIONS
<b>BLACK</b> Lead to <b>WHITE</b> Lead to	24VDC (+) 24VDC (-)
<b>TELEPHONE INTERFACE (i.e. TAM-B)</b>	
<b>GREEN</b> Lead to <b>RED</b> Lead to	Paging Port TIP Paging Port RING

### 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.*

#### NOTE

*Only Bogen AS-1 replacement drivers should be used in AS-1-series speaker systems.*