

# Amplified Speakers

Bogen's series of amplified speaker products are an alternative to 70V and 25V speaker systems. Each speaker has a built-in amplifier with volume control. All the speaker requires is 24V DC and a low-level audio signal.



**AS1**



**ASWG1**



**ASWB1**



**AH5A, AH15A**

**Product Features:**

- 8" cone speakers available in ceiling mount, wall baffle mount or unmounted versions
- Two horn speaker models: 5W and 15W
- Volume control on all speakers
- Perfect for small or large paging systems

**Accessories**

- BC1 (see page 70)
- MR8 (see page 11)
- RE84 (see page 11)
- TB8 (see page 11)
- PRASAC (see below)
- PRS624DA (see below)

Model	Style	Power Requirements <sup>1</sup>	Power Rating	Max Sound Level <sup>2</sup> (dBspl)	Input Sensitivity <sup>3</sup> (mVrms)	Frequency Response	Input Impedance	Dispersion (in degrees)	Dimensions	Product Weight
AS1	Unmounted Cone Speaker	24V DC, 50 mA	1W	92	113	100 Hz-10 kHz	1000 ohms	90°	8" Dia. x 3-1/4" D	2 lb.
ASWG1	Ceiling Mount w/ AS1								12-7/8" Dia. x 3-1/4" D	4 lb.
ASWB1	Wall Baffle w/ AS1								9-1/2" W x 9-1/2" H 5-1/4" D	4 lb.
AH5A	Horn Speakers	24V DC, 400 mA	5W	116	32	275 Hz-14 kHz	600 ohms	100°	9" Dia. x 9-1/4" D	4 lb.
AH15A		24V DC, 1A	15W	121	58					110°

<sup>1</sup>For integrated music and speech input signals. <sup>2</sup>dBspl @ full power / 4 ft. <sup>3</sup>To reach full power output.

# Power Supplies



**PRASAC**



**PRS624DA**



**PRS40C**



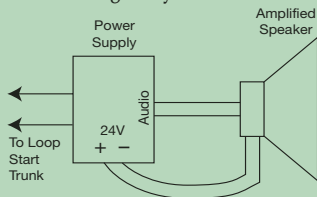
**PRS48**



**RF12A, RF24A**

**Built-In Loop Telephone Interface**

The PRS624DA and PRASAC have built-in loop start paging interfaces. Connections to the loop current source inside the supplies can feed a loop start trunk or telephone directly. Another set of terminals provide a DC-block audio output suitable to drive amplified speaker inputs directly (a GA2 buffer amp is required for systems larger than 4 speakers). Bogen makes it easy for you to install a complete paging system with only a power supply and speakers – it doesn't get any easier!



These power supplies are designed to supply the low voltage DC requirements for all of Bogen's products. Corded or outlet mounted, 120V AC primary supply input.

**Product Features:**

- Specially designed for use with Bogen equipment
- Loop Start paging interface built-in (PRS624DA & PRASAC models only)
- Wide range of voltages and current outputs

Model	Output	120V AC Input Style	Loop Start Paging Interface	Output Connections	Dimensions (W x H x D)	Product Weight
PRASAC	24V @ 0.45A	Line Cord	Y	Screw Terminals	2-3/4" x 4-1/2" x 2-1/2"	3 lb.
PRS624DA	24V @ 4A & 24V @ 0.25A	Line Cord	Y	5-Way Binding Posts	4-3/8" x 6-5/8" x 6-1/4"	10 lb.
PRS40C	12V @ 0.3A	Plug-in	N	Barrel Connector	2" x 2-3/8" x 1-5/8"	1 lb.
PRS48	48V @ 0.1A	Plug-in	N	Screw Terminals	2-1/2" x 3" x 1-7/8"	1 lb.
RF12A	12V @ 1A	Line Cord	N	Screw Terminals	3" x 2-3/4" x 4-3/4"	2 lb.
RF24A	24V @ 1A	Line Cord	N	Screw Terminals	3" x 2-3/4" x 4-3/4"	2 lb.