

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 ¹	Power Rating	Max Sound Level ² (dBspl)	Input Sensitivity ³ (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°

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

Power Supplies



PRASAC



PRS624DA



PRS40C



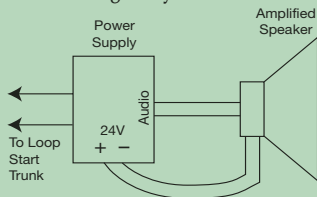
PRS48



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.