

Amplified Speaker & Assemblies

Models AS1, ASWB1,
ASWG1, ASWG1DK



AS1



ASWG1



ASWG1DK



ASWB1

Description Bogen Model AS1 is an 8", cone-type loudspeaker, complete with a built-in 1-watt amplifier and volume control. Volume control allows adjustment of the paging level at each speaker location in the system. The speaker is available unmounted or fully assembled in a wall baffle (Model ASWB1), on a white ceiling grille (Model ASWG1), or on a white ceiling grille with a detachable knob for volume control (ASWG1DK).

- Features**
- 8" Cone speaker
 - Self-contained 1-watt amplifier
 - Interfaces with standard 600-ohm telephone line
 - Built-in volume control
 - Front-mounted volume control with detachable knob (ASWG1DK)
 - Available on a white semi-gloss enameled ceiling grille (Model ASWG1), or with a detachable knob (ASWG1DK)
 - Available fully assembled in a wall baffle finished in simulated walnut with sloping front panel for enhanced downward dispersion (Model ASWB1)
 - Available unmounted (AS1)
 - Two-Year Warranty

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Specifications subject to change without notice.
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Technical Specifications

Maximum Output:	1W
Typical Operational Current:	1 CU (50 mA)*
Frequency Response:	100 Hz to 10 kHz
Input Impedance:	2000 ohms
Typical Input Sensitivity:	125 mV
Maximum Sound Pressure Level:	92 dB @ four feet on axis with 1W output at 1000 Hz
Dispersion:	90°
Size:	8" cone
Supply Voltage Range:	24V DC
Product Weight:	AS1 - 2 lb.; ASWB1 - 8 lb.; ASWG1/ASWG1DK - 5 lb.
Optional Assembled Versions:	ASWB1 - 9-1/2" W x 9-1/2" H x 5-1/4" D (top), 4-1/8" D (base) ASWG1/ASWG1DK - 12-7/8" diameter steel ceiling grille

*1 CU = 50 mA

Architect and Engineer Specifications**

The loudspeaker shall be a Bogen Model _____ (Insert AS1, ASWB1, ASWG1, or ASWG1DK) amplified loudspeaker, or equivalent, utilizing an 8" cone-type loudspeaker and a built-in amplifier with volume control, providing a frequency response from 100 Hz to 10 kHz.

For all models sensitivity shall be 125 mV and input impedance shall be 2000 ohms. The loudspeaker shall be powered by a suitable 24V DC power supply and shall consume 1 CU (50 mA) at typical operational levels.

Sound pressure level, measured four feet on axis with one watt output at 1000 Hz shall be at least 92 dB.

(Use for Model ASWB1) The loudspeaker shall be assembled in a wall baffle for surface mounting (with slight downward sound dispersion), constructed of 3/8" particle board in simulated walnut, with a black grille cloth. The unit shall measure 9-1/2" W x 9-1/2" H x 5-1/4" D (top), 4-1/8" D (base). The product weight shall be 8 lb.

(Use for Model ASWG1 and ASWG1DK) The loudspeaker shall be assembled on a 12-7/8" diameter steel ceiling grille, finished in white semi-gloss enamel, for recessed installation. The loudspeaker shall include a detachable knob (ASWG1DK only). The product weight shall be 5 lb.

** Architect and Engineer Specifications are available online in a Microsoft Word® document to assist you with preparing your bids.

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