

Amplified Speaker & Assemblies

Models AS1, ASWB1, ASUG1, ASWG1, ASUG1DK, ASWG1DK



AS1



ASUG1,
ASWG1 (pictured)



ASUG1DK,
ASWG1DK (pictured)



ASWB1

Description Bogen Model AS1 is an 8", cone-type loudspeaker, complete with a built-in 1-watt amplifier and volume control knob.

Volume control knob allows adjustment of the paging level at each speaker location in the system; detachable knob available on ASUG1DK and ASWG1DK.

The speaker is available unmounted or fully assembled in a wall baffle (Model ASWB1), on an off-white ceiling grille (Model ASWG1 & ASWG1DK), or on a bright white ceiling grille (ASUG1 & ASUG1DK).

- Features**
- 8" Cone speaker
 - Self-contained 1-watt amplifier
 - Interfaces with standard 600-ohm telephone line
 - Available unmounted (AS1)
 - Available fully assembled in a wall baffle finished in simulated walnut with sloping front panel for enhanced downward dispersion (Model ASWB1)
 - Available on an off-white semi-gloss enameled ceiling grille (ASWG1, ASWG1DK), or bright white finish (ASUG1, ASUG1DK)
 - Ceiling assembly with fixed front-mounted volume control knob (ASUG1, ASWG1)
 - Ceiling assembly with detachable front-mounted volume control knob (ASUG1DK, ASWG1DK)



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Technical Specifications

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|-------------------------------|---|
| Maximum Output: | 1W |
| Typical Operational Current: | 1 CU* |
| 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.; |
| | ASUG1/ASWG1/ASUG1DK/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) |
| | ASUG1/ASWG1/ASUG1DK/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, ASUG1, ASWG1, ASUG1DK, 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.

(Use 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 ASUG1) The loudspeaker shall be assembled on a 12-7/8" diameter steel ceiling grille, finished in bright white semi-gloss enamel, for recessed installation. The loudspeaker shall include a fixed volume control knob. The product weight shall be 5 lb.

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

(Use for Model ASUG1DK) The loudspeaker shall be assembled on a 12-7/8" diameter steel ceiling grille, finished in bright white semi-gloss enamel, for recessed installation. The loudspeaker shall include a detachable volume control knob. The product weight shall be 5 lb.

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



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