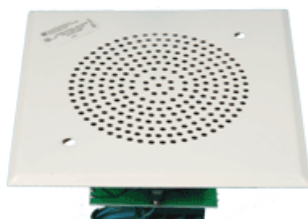
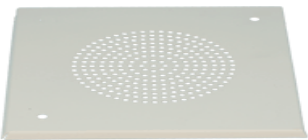


AS4000 Series

4" Speaker

Fire speaker, High quality designed to enhance the voice portion of the frequency spectrum. 70.7 or 25 Volt



FEATURES

- Good Quality 4" Voice Fire Alarm Speaker
- Vandal Proof Models Available.
- 4" speaker for a wider dispersion pattern.
- Excellent Voice Range Clarity.
- U.L.C. Listed & Approved.
- 25 & 70.7 Volt Line Matching Transformer Models.
- Blocking Capacitor for D.C. Line Supervision.
- Transformer Can Be Tapped Up To 2 Watt.
- Devices Can Be Either Flush or Surface Mounted.



AS4000 Series

4" Loudspeaker Devices for the Fire-Safety Market.
25 & 70.7 Volt, Clear Voice Spectrum

AS4000 SERIES

Specifications - AS4000 Series

Arnsco's AS4000 Series Speakers are the perfect match for voice communications in hotel/motel rooms, conference and board rooms, apartment buildings, condominiums or for any commercial or residential area that is requiring voice alarm communications. All Arnsco speaker units are ULC LISTED and approved to meet the demanding requirements of the life safety market.

All models are equipped standard with a 2 position rising washer terminal block, jumper selectable power taps, and line blocking capacitor for the audio side. These units are designed to be cost effective for most types of installations.

ARCHITECTS AND ENGINEERS SPECIFICATIONS

The ARNSCOTT models AS4000 SERIES consist of an 10.2cm (4") loudspeaker (6 oz. Magnet) closed back speaker housing for better speaker cone protection, complete with a low profile constant voltage line matching transformer, a D.C. blocking capacitor and an all steel speaker baffle finished in either an off white or red powder paint. The terminal block shall be the rising washer type to allow in-out wiring down to 12 gauge wire size. The frequency response of the complete voice alarm unit shall be better than 600 to 4,000Hz.. The 70.7 or 25 Volt transformer shall be of the line matching type, with the following power taps; 2, 1, 1/2 and 1/4 watt which can produce sound pressure output up to 90dB. at 10Ft. per ULC standard ULC-S541-99.

The front baffle trim is 18.7cm (7-3/8") round or 16.2cm (6-3/8") square got flush mount conditions, or 13.2cm (5-1/4") square for surface mount applications. The depth of the speaker assemblies is designed to fit into AEG back boxes with a depth of 3-1/2 - 4". The round hole cut out size is 15.2cm (6") in diameter, and can easily be accomplished using AEG drywall and drop ceiling hole saw model T-10HC.

ARNSCOTT Models AS4000 SERIES VOICE ALARM LOUDSPEAKER UNITS shall be used wherever cost efficient 4" voice alarm speaker units are specified. These units must be used with UNDERWRITERS LABORATORIES of CANADA (ULC) approved voice alarm equipment only, including the back box (see back page for mounting information).

AS4000 Series

4" Loudspeaker Devices for the Fire-Safety Market.
25 or 70.7 Volt, Clear Voice Spectrum

AS4000 Series

General Specifications

Power Tap Selected	Avg. dB. over 400-6kHz.
¼W	81
1/2W	84
1W	87
2W	90

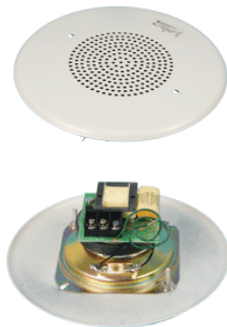
SPL MEASUREMENTS:

SPEAKER dBA @ 10ft. Measured

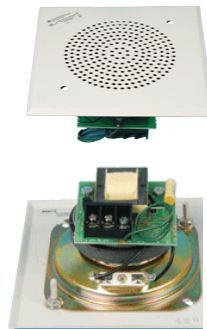
General Installation Information

Model Number	Speaker Voltage (RMS)	Power Taps (WATTS)	Mounting Configurations Recessed Surface	Baffle Shape	Vandal Resist	Strobe Option ?	
Speaker Devices With White Baffle							
AS4011	25	¼, ½, 1, 2	E15	N/A	R	N	Y - Pending
AS4033	25	¼, ½, 1, 2	E15	N/A	S	N	Y - Pending
AS4055	25	¼, ½, 1, 2	N/A	SE45W	S	N	Y - Pending
AS4071	70.7	¼, ½, 1, 2	E15	N/A	R	N	Y - Pending
AS4093	70.7	¼, ½, 1, 2	E15	N/A	S	N	Y - Pending
AS4115	70.7	¼, ½, 1, 2	N/A	SE45W	S	N	Y - Pending

R = Round, S = Square



AS4011 / AS4071



AS4055 / AS4115

- When flush mounting these units ensure that 1 x MC1-P is specified to support the complete unit up into the drop ceiling or drywall, unless these back boxes are securely tied into the ceiling / wall members, which is additional security and is recommended in addition to standard mounting procedures.
- Actual speaker frequency response is 120 - 10,000 Hz. +/- 5dB. The cone is paper (very light), which produces a very efficient loudspeaker. This is an excellent quality loudspeaker.
- The AS4000 Series fire speaker over the ULC frequency range of 400 - 4kHz. @ 10'(3m) at full power (2 Watt) will emit 90 dB.. The -3 & -6 dB. SPL down angles are 64 & 130 degrees respectively from the speaker center and radiates a round pattern. This type of speaker is recommended for lower ceilings where a wider dispersion of sound levels is required to fill larger areas with fewer loudspeakers.

General Ordering Information

- The AS4000 Series devices are intended for flush or surface mounting.
- This speaker series mounts to the enclosure using mounting screws that are visible after the installation.
- The AS4000 Series requires that the back boxes are installed before the drywall ceiling is installed. If the ceiling is a drop tile type, the wiring should be in place before the tiles are installed, at which point each individual tile can be removed and the speaker assembly wired and sandwich installed onto the tile, with the addition of MC1-P supports.
- For conventional installations, the back boxes listed above are normally ordered ahead of installation of the speakers.
- Baffles are available in a standard AEG white colour. Custom colours are available for an additional cost.
- Note: If the grill portion of the speaker is painted at any other facility other than our factory, the ULC listing is void! If you need a special colour, let us know at time of order.
- For more installation Instructions, please ask for AEG Technical Installation Note # A0364-C
- dBA. Is a sound pressure measurement made using the U.L.C. Standard ULC-S541.
- * ULC is a trademark of Underwriters Laboratories of Canada. Listing pending.

Arnsco Electronics Inc.. reserves the right to update these specifications at any time. For warranty information, please see Arnsco separate price lists.