

AVLELEC

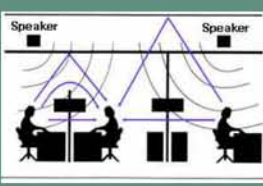
www.SoundmaskingInstallation.com

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SM516B/SM516W

Prommercial® Indoor/Outdoor Speaker





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The AVLELEC SM516 is an extended bandwidth, wide-dispersion loudspeaker designed for a variety of outdoor and indoor commercial/professional installations. The SM516's 5-1/4" polypropylene cone woofer and 5/8" polycarbonate dome tweeter ensure superior-quality sound in foreground music, public address and paging applications. The SM516's 90-degree dispersion is extremely consistent throughout its operating bandwidth, allowing fewer speakers to deliver quality sound over large areas. The SM516 comes with a C-shaped mounting bracket that allows the speaker to be installed in a wide variety of locations. Adjustable bracket knobs allow the installer to direct the speaker's output where needed. Connection is made via a barrier strip terminal with loop-thru. The SM516 is transformer-coupled, with 16W, 8W, 4W 2W taps for both 70V and 100V operation, and 8-ohm bypass. The SM516 has a rugged, weather-resistant ABS enclosure and baffle that meet UL94V-0 fire rating standards and a paintable perforated aluminum grille, and is available on black (SM516B) and white (SM516W).

Recommended Installations:

- On walls, on poles, under eaves, indoors and outdoors

Recommended Applications:

- Foreground and background music
- Paging
- Public address

Included Accessories:

- C-shaped mounting brackets
- Bracket knobs

Performance Specifications:

Tweeter: 5/8" (16mm) Polycarbonate dome

Woofer: 5-1/4" (133mm) Polypropylene cone with a rubber surround

Frequency Range: 65Hz – 20kHz (± 10 dB)

Nominal Sensitivity: 88dB (2.83V/1meter)

Nominal Coverage Angle: 90° horizontal; 90° vertical (see polar response plots)

Directivity Factor: 2.94 averaged from 500Hz to 4kHz

Directivity Index: 3.50 averaged from 500Hz to 4kHz

Transformer Taps: 16W, 8W, 4W, 2W (70-Volt); 16W, 8W, 4W, 2W (100-Volt); 8 ohms

Power Handling: 60 watts maximum program power; 40 watts continuous pink noise

Enclosure Material: ABS (meets UL94V-0 fire rating)

Baffle Material: ABS (meets UL94V-0 fire rating)

Grille: Paintable weather-resistant aluminum

Input Termination: 4-Post barrier strip with two input terminals and two loop-through terminals

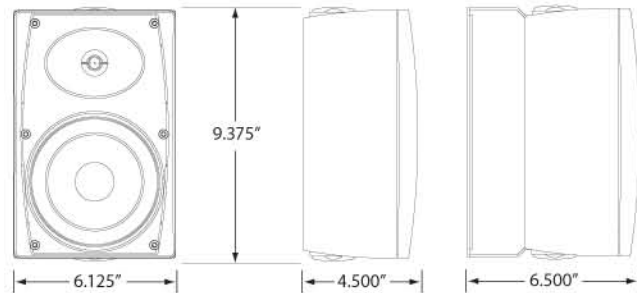
Dimensions (H X W X D): 6-1/8" x 9-3/8" x 6-1/2"
(156mm x 238mm x 165mm)

Net Weight: 8 lbs (3.63kg) each

Shipping Weight: 19 lbs (8.61kg) pair

Available Colors: Black (SM516B); White (SM516W)

Dimensions:



Warranty:

AVLELEC warrants the SM516 to be free of any defect in material or workmanship for a period of 5 years from the date of purchase. During the warranty period, AVLELEC will repair or replace (at its option) all such defects without charge for parts or labor, if returned prepaid to the proper AVLELEC service facility, together with the original sales receipt or other proof of purchase. The unit will be returned prepaid.

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