



AW526-LS High Power 2-Way All Weather Loudspeaker with 1 x 15" LF

Professional Series

Key Features:

- ▶ Weather-Resistant, All Fiberglass Enclosure
- ▶ EN54-24 Compliant
- ▶ 120° Coverage
- ▶ 2265H Differential Drive Low-Frequency Driver
- ▶ 2432H High-Frequency Compression Driver
- ▶ Large PT Progressive Transition waveguide for excellent pattern control and low distortion
- ▶ Rotatable waveguide for vertical or horizontal orientation
- ▶ Available in Gray and Black Finish
- ▶ 400 W, 70/100V Transformer Included
- ▶ U-Type Mounting Bracket Included

Applications:

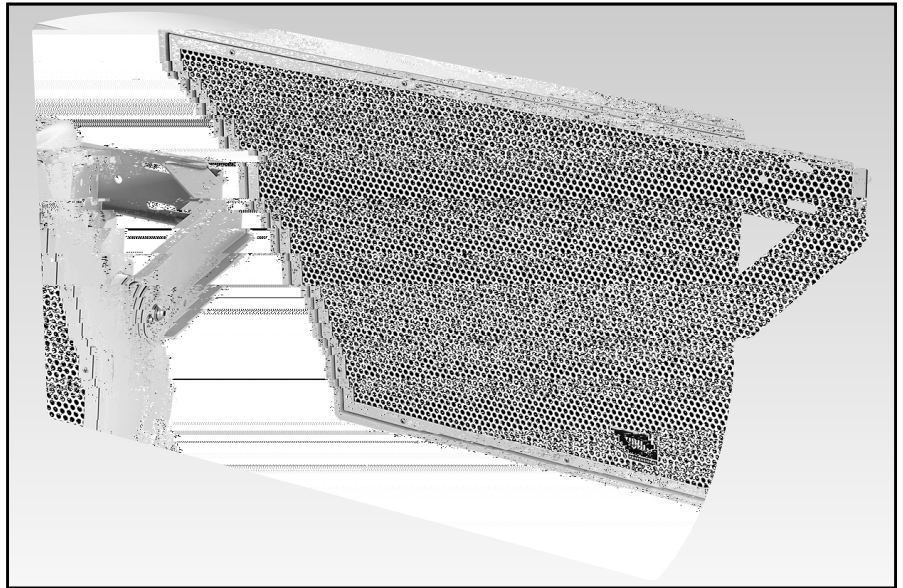
- ▶ Sports Facilities
- ▶ Themed Entertainment Venues
- ▶ Outdoor Entertainment Centers
- ▶ Cruise Ships
- ▶ Water Parks

The AW526-LS is a high power, lightweight, 2-way, full-range loudspeaker system comprised of the JBL Differential Drive dual voice coil and dual magnetic gap 2265H 380 mm (15 in) low-frequency driver and 2432H high-frequency 38 mm (1.5 in) e- it, 75 mm (3 in) voice-coil compression driver. The large format Progressive Transition wave-guide provides excellent 120° coverage. The waveguide is rotatable so the loudspeaker system can be used in either the vertical or horizontal orientation. The system can be operated as an 8-ohm device and is equipped with a 400W transformer for 70/100V applications.

A corrosion-resistant extra-thick zinc-plated polyester powder coated U-type mounting bracket is included.

The enclosure is constructed of multilayer glass composite and is heavily braced to maximize low-frequency performance. The 16-gauge stainless steel grille, backed with open cell foam and stainless steel mesh, provides excellent protection in the harshest environments.

The AW526-LS is part of JBL's AE Series, a versatile family of loudspeakers intended for a wide variety of applications.



Specifications:

| | | | | |
|--|--|---------|---------|---------|
| System: | | | | |
| Frequency Range (-10 dB): | 39 Hz - 20 kHz | | | |
| Frequency Response (-3 dB): | 86 Hz - 17 kHz | | | |
| Coverage Pattern: | 120° / 60°, rotatable waveguide | | | |
| Coverage Angle: | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
| Horizontal: | 128 | 98 | 115 | 108 |
| Vertical: | 108 | 95 | 67 | 46 |
| Directivity Factor (Q): | 7.9 | | | |
| Directivity Index (DI): | 9 dB | | | |
| Crossover Frequency: | 1.1 kHz | | | |
| Long-Term System Power Rating (IEC): | 400 W (1600 W peak), 100 hrs | | | |
| Maximum SPL: | 127 dB-SPL cont avg (133 dB peak) | | | |
| Maximum SPL (@ 4m): | 112.11 dB | | | |
| System Sensitivity (1W @ 1m): | 100 dB | | | |
| Sensitivity (1W @ 4m): | 86.98 dB SPL | | | |
| 70V / 100V Transformer Taps: | 70V: 400 W, 200 W, 100W 100V: 400W, 200W | | | |
| Transducers: | | | | |
| Low-Frequency Driver: | 1 JBL 2265H 380 mm (15 in.) Differential Drive driver with 75 mm (3 in) dual voice coil | | | |
| Nominal Impedance: | 8 ohms | | | |
| Sensitivity ³ (1W @ 1m, within operational band): | 98 dB SPL | | | |
| High-Frequency Driver: | JBL 2432H, 38 mm (1.5 in) e- it compression driver, 75 mm (3 in) voice coil | | | |
| Nominal Impedance: | 8 ohms | | | |
| Sensitivity ⁴ (1W @ 1m): | 113 dB SPL | | | |
| Waveguide: | PT-H126HF-1 | | | |
| Physical: | | | | |
| Enclosure: | Hand-Laminated Fiberglass, gray gelcoat (similar to Pantone 420C), available in black (-BK) | | | |
| Suspension Attachment: | 2 M10 for Included U-Bracket, 2 M6 for aiming stabilization, 1 M10 on rear for safety | | | |
| Grille: | Three layer grille assemblies consisting of 16-gauge powder coated stainless steel, backed with open cell foam and stainless steel mesh. | | | |
| Input Connector: | CE-compliant covered barrier strip terminals. Barrier terminals accept up to 5.2 sq mm (10 AWG) wire or maximum width 9 mm (.375 in) spade lugs. | | | |
| Environmental Specifications: | IP55C per IEC 529 | | | |
| Dimensions (H x W x D in horizontal cabinet orientation): | 485 x 810 x 478 mm (19.1 x 31.9 x 18.8 in) | | | |
| Net Weight: | 28.3 kg (62.5 lb) | | | |

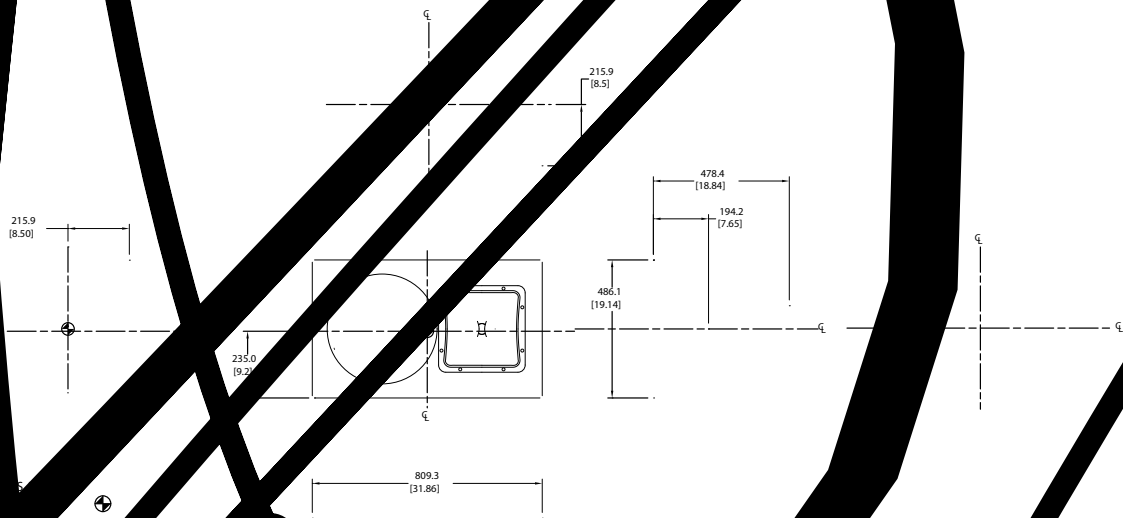
¹IEC standard, full band with pink noise with 6 dB crest factor, 100 hours.

²Calculated based on power rating and sensitivity, exclusive of power compression.

³Anechoic sensitivity in free field, no additional sensitivity gain from boundary loading.

⁴Per EN54-24 Components of voice alarm system - loudspeakers 70V/400W (35V RMS, 70V peak), 100V/400W (50V RMS, 100V peak)

JBL continually engages in research related to product improvement. Changes introduced into existing products without notice are an expression of that philosophy.



9 DIMENSIONS GRAVIT

Horizontal 1/3 Octave Polars

