



15" Two-Way System
Horizontal Configuration
90° x 50° Coverage Pattern
For Permanent Installation

Key Features:

- ▶ 2226H 15" VGC (Vented Gap Cooled™ LF transducer
- ▶ 2381 Optimized Aperture™ HF horn with 1.5" throat
- ▶ 2447J 4" diaphragm, 1.5" throat compression driver
- ▶ Compact trapezoidal enclosure
- ▶ DuraFlex finish - tough, weather resistant and paintable
- ▶ Tamper resistant internal Bi-amp/Passive crossover selector
- ▶ Advanced Network Topology for smooth power response and stable amplifier loading
- ▶ Versatile complement of suspension points

Preliminary Specifications:

System:

Frequency Range (-10 dB):	33 Hz - 20 kHz
Frequency Response (±3 dB):	42 Hz - 18 kHz
Horizontal Coverage Angle (-6 dB):	95° averaged 500 Hz to 16 kHz
Vertical Coverage Angle (-6 dB):	60° averaged 500 Hz to 16 kHz
Directivity Factor (Q):	10 averaged 500 Hz to 16 kHz
Directivity Index (DI):	10 dB averaged 500 Hz to 16 kHz
Sensitivity ² :	97 dB SPL, 1W @ 1m (3.3 ft)
Calculated Maximum SPL ² :	131 dB SPL, 1W @ 1m (3.3 ft)
Nominal Impedance:	8 ohms (Passive crossover mode)
Power Rating ¹ :	600 watts IEC, 2400 watts peak
Recommended Amplifier Power:	800 watts
Recommended Controller:	DSC260

Transducers:

Low Frequency:	2226H, 380 mm (15 in) dia., 100 mm (4 in) edge wound ribbon voice coil
Nominal Impedance:	8 Ohms
Power Rating:	600 watts AES, 2400 watts peak
Sensitivity ² :	97 dB SPL, 1W @ 1m (3.3 ft)
Calculated Maximum SPL ² :	131 dB SPL, 1W @ 1m (3.3 ft)
Recommended Amplifier Power:	800 watts
High Frequency:	2447J; 100 mm (4") diaphragm and voicecoil dia., 38 mm (1.5") throat dia.; 2381 horn
Nominal Impedance:	16 Ohms
Input Power Rating:	75 W AES; 300 W Peak
Sensitivity ² :	111 dB, 1 W @ 1 m (3.3')
Calculated Maximum SPL:	136 dB @ 1 m (3.3')
Recommended Amplifier:	200 W

Physical:

Enclosure:	Trapezoidal, 15° top & bottom angles, 18 mm birch plywood
Environmental Specifications:	Mil-Std 810, IPX4 per IEC 529
Suspension Attachment:	12 points, accept M10 threaded hardware
Finish:	Black DuraFlex coating (white or custom color optional)
Grille:	Black powder coated 18 gauge perforated steel grille with foam backing (white or custom color optional)
Input Connector:	2 x NL4 Neutrik SpeakOn connector
Dimensions (H x W x D):	470 mm x 864 mm x 378 mm (18.5 in x 34 in x 14.87 in)
Net Weight:	38.1 kg (84 lb)

The CSM5295H is a JBL Custom Shop produced adaptation of the Sound Power series SP215-9. The same transducers and switchable passive/active crossover network have been repackaged in a horizontal configuration enclosure. All of the features of the standard product have been maintained while adding installation flexibility.

The CSM5295H is available on a build-to-order basis. Contact the Custom Shop for information on availability and lead time.

¹Rating based on test signal of IEC filtered random noise with a peak-to-average ratio of 6 dB, two hours duration.
²Sensitivity is based on a swept 500 Hz to 2.5 kHz test signal for an input of 2.83V @ 8 ohms.

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