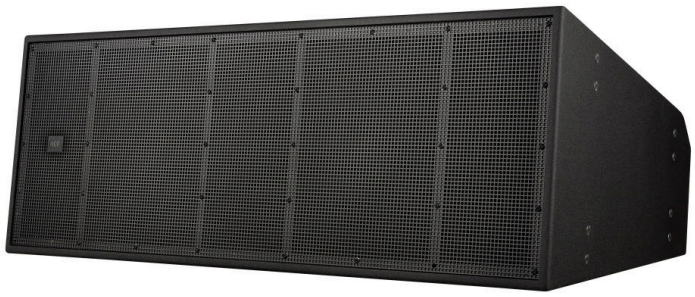
HVL 15-L1

LONG THROW THREE-WAY SYSTEM



Description

HVL 15-L1 is a three-way, bi-amp loudspeaker system for long-throw applications, outfitted with 2 x 15” woofers, 2 x 10” midranges, and 2 x 4.0” voice coil, titanium dome compression drivers. Equipped with the latest generation of RCF precision transducers with powerful neodymium magnets, HVL 15-L1 provides very high output and accurate sound and voice reproduction. The system, driven in bi-amped mode, can produce a max SPL of 144 dB MHF, handling 1000 W RMS (LF) + 900 W RMS (MHF). An internal passive filter provides crossover and equalization between the midranges and the compression drivers. The horizontal coverage is 90°, and the vertical coverage is 30°. A heavy-duty, weatherproof barrier strip provides connections. The cabinet is made of Baltic birch plywood. The finishing is a waterproof, textured, polyurea coating. The grille is in epoxy coated heavy-duty steel with open-cell fibers and water repellent woven-fabric backing. The back of the cabinet is shaped for under-balcony installation.

Features

› 1000 W (LF) + 900 W (MHF) power handling
› 147 dB max SPL
› 43 ÷ 18000 Hz frequency range
› 90° x 30° coverage angles
› Fully equipped with neodymium transducers
› Bi-amped system with passive filter between MF and HF
› Horn Loaded symmetric design
› Baltic birch plywood cabinet and steel grille
› Weatherproof treatment

Part Number

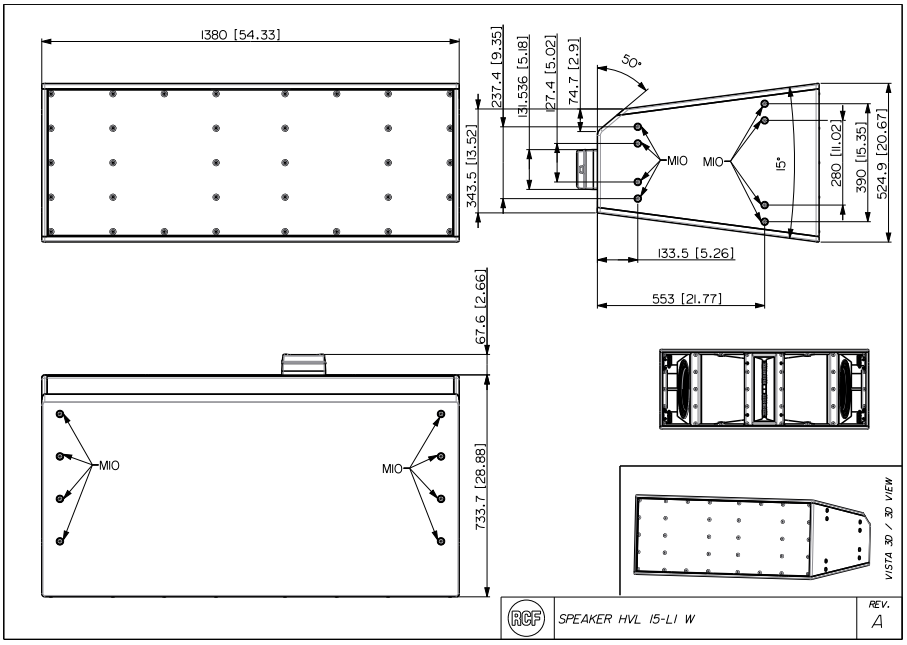
13000701 HVL 15-L1 W White - RAL 9010 EAN 8024530018696

Products are continually improved. All specifications are therefore subject to change without notice.

HVL 15-L1

LONG THROW THREE-WAY SYSTEM

Line Art 2D



TECHNICAL SPECIFICATIONS

Acoustical specifications	Frequency Response (-10dB)	43 Hz - 18000 Hz
	Frequency Response (-3dB)	59 Hz - 13000 Hz
	Max SPL @ 1m	147 dB
	Horizontal coverage angle	90°
	Vertical coverage angle	30°
	Directivity index Q	12
Power section	Amplification	Bi-Amp
	Nominal Impedance LF	8 ohm
	Power Handling LF	1000 W
	Peak Power Handling LF	4000 W
	Sensitivity LF	97 dB
	Nominal Impedance MF+HF	8 ohm
	Power Handling MF+HF	900 W
	Peak Power Handling MF+HF	3600 W
	Sensitivity MF + HF	111 dB
	Protections MF+HF	Dynamic Active Mosfet
	Crossover Frequencies	1000 Hz
	Recommended Amplifiers	XPS 16K, XPS 16KD, QPS 10K
Transducers	Compression Driver	2 x 1.4'' neo, 4.0'' v.c
	Midrange	2 x 10'' neo, 3.0'' v.c
	Woofer	2 x 15'' neo, 3.5'' v.c
Input/Output section	Input connectors	Screw Terminals
	Output connectors	Screw Terminals
Standard compliance	Safety agency	CE compliant

HVL 15-L1

LONG THROW THREE-WAY SYSTEM

Physical specifications	Cabinet/Case Material	Baltic birch plywood
	Hardware	n° 8 x M20 on each side panel n° 8 x M20 on top and bottom panel
	Grille	Steel
	Color	White - RAL 9010, Black - RAL 9005
Size / Weight	Height	525 mm / 20.67 inches
	Width	1380 mm / 54.33 inches
	Depth	734 mm / 28.9 inches
	Weight	110 kg / 242.51 lbs