

OPERATOR INSTRUCTIONS

This Active driven speaker must only be used in conjunction with a KV2 Audio VHD2000 amplifier.

Please refer to the VHD2000 and VHD3200 manuals for precise system set up and operating instructions.

System Acoustic Performance

Max SPL Long-term	139dB (144dB two VHD 2.0's)
Max SPL Peak	142dB (147dB two VHD 2.0's)
-3dB Response	100Hz ÷ 22kHz
-10dB Response	85Hz ÷ 30kHz
Full Range mode -3dB Response	60Hz ÷ 22kHz
Crossover Point	100Hz, 450Hz, 2.2kHz

High Frequency Section

Acoustic Design	Horn Loaded
High Horn Coverage Horizontal / Vertical	80° x 40° / 80° x 10° (2x VHD 2.0's)
High Frequency Amplifier Requirement	200W (VHD2000 amp.)
Throat Exit Diameter / Diaphragm Size	1.4" / 3.0"
Diaphragm Material	Nitride Titanium
Magnet Type	Neodymium

Mid Range Section

Acoustic Design	Horn Loaded
Mid Horn Coverage Horizontal / Vertical	80° x 40° / 80° x 10° (2x VHD 2.0's)
Midrange Amplifier Requirement	600W (VHD2000 amp.)
Woofer Size / Voice Coil Diameter / Design	2x 8" / 3.0" / Trans Coil
Diaphragm Material	Epoxy Reinforced Cellulose
Magnet Type	Neodymium

Mid-Bass Section

Acoustic Design	Horn Loaded
Mid-bass Amplifier Requirement	1200W (VHD2000 amp.)
Woofer Size / Voice Coil Diameter / Design	2x 12" / 3" / Inside Outside
Diaphragm Material	Epoxy Reinforced Cellulose
Magnet Type	Neodymium

Speaker Input

Speaker Input	EP6
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Cabinet

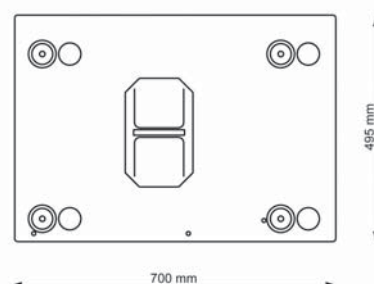
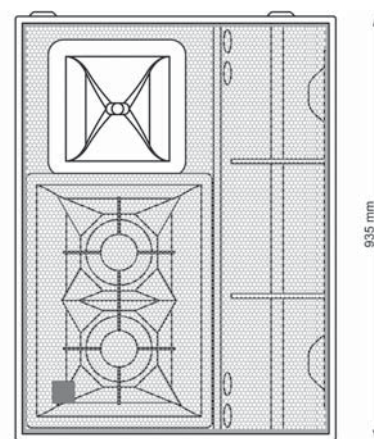
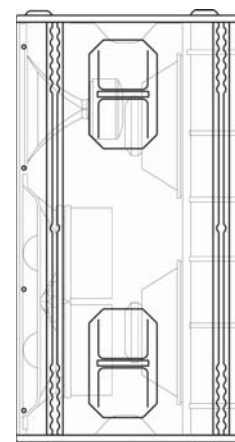
Cabinet Material	Baltic birch
Handles	6
Color	"Orange peeled" Matt Black or any RAL

Physical Dimensions

Height	933mm (36.72")
Width	700mm (27.55")
Depth	495mm (19.48")
Weight	70kg (154.0lbs)

Amplification and control

Amplification and control	VHD2000
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Product Number:

KVV 987 077 - VHD2.0 R (right)

KVV 987 078 - VHD2.0 L (left)

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