

VHD2.0 · OPERATOR INSTRUCTIONS

ACTIVE DRIVEN SPEAKER



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.

Part number: VHD2.0 R (right) - KVV 987 077
VHD2.0 L (left) - KVV 987 078

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 to 22kHz
-10dB Response	85Hz to 30kHz
Full Range mode -3dB Response	60Hz to 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	AP6 male
Cabinet	
Cabinet Material	Baltic birch
Handles	6
Color	"Orange peeled" Matt Black or any RAL
Physical Dimensions	
Height	933 mm (36.72")
Width	700 mm (27.55")
Depth	495 mm (19.48")
Weight	70 kg (154.0lbs)
Amplification and control requirements	
Amplification and control	VHD2000

