

VHD 1.0

VHD Touring and Installation Mid High / Down-fill Enclosure

Featuring the same compression driver as the VHD 2.0 but on a wide angle 110° horizontal by 40° vertical horn, the VHD 1.0 Mid High / down-fill enclosure features a single 12" low mid and single 8" mid range speaker taken from the VHD 2.0. Designed to be powered as a slave from the VHD 2.0 cabinet or directly from the VHD 2000 amplifier, all equalization, set up and level are preset providing a plug and play solution for large scale touring and high quality installations. Alternatively as a stand alone box up to three VHD 1.0's can be powered from a single VHD 2000 amplifier. Like the VHD 2.0, VHD 1.0 is available in left and right versions for downfill applications.



VHD Series Very High Definition Speakers

Features

- Professional Baltic birch construction with wear-resistant polymer coating.
- Cut away down angle for correct positioning when flown underneath VHD 2.0 cabinet.
- Four pieces of fly-track (two per side).
- Very High Definition audio reproduction.
- 134dB sustained output, 137dB peak.
- Controlled wide dispersion 110° x 40° Mid/High horn with a flat response to 180°.
- Revolutionary 3" (76mm) Nitride Titanium diaphragm compression driver with complex geometry phase plug and neodymium magnetic structure for higher output, exceptionally low distortion and extended frequency response.
- 8" Trans-Coil midrange driver, with a 3" (76mm) voice coil and neodymium magnet for increased control and output with reduced distortion and weight.
- Horn loaded 12" mid-bass driver with 3" (76mm) inside/outside, epoxy baked, high temperature voice coil assembly and neodymium magnetic structure.
- Three way active requirement - 1000W from the VHD 2000 providing 600W for the 12" Low Mid, 300W for the 8" Midrange and 100W for the High Frequency.
- Proprietary side handle design (four) for simplified handling and carrying.
- High impact low friction feet, allowing lock- in to other VHD cabinets and easy cabinet movement.
- Front locking aluminium VHD wheel boards with wraparound hardwood bumpers.
- Weather proofing option and special paint finishes available on request.

Applications

- Down-fill for large and medium -sized live music touring applications.
- Very high quality fixed installations as the above or as a standalone unit.
- Professional portable P.A systems for large format AV speech and multimedia playback.
- Very High Definition dance systems providing the ultimate reproduction for clubs and events.

Technical Summary

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| Frequency Range | 100Hz - 22kHz (-3dB) |
| Required Crossover Points | 100Hz, 450Hz, 2.2kHz |
| SPL | 134dB Cont, 137dB Peak |
| Dispersion | 110° H x 40° V |
| Dimensions H/W/D | 600mm (23.62") x 700mm (27.55") x 495mm (19.48") |
| Net Weight | 45kg (99lbs) |