808 PRODUCT FEATURES

Components	LF: 1 x 8" (20Cm) Hi-flux 8 Ohms Driver HF: 1 x 1" Driver on a HR Horn
Height x Width x Depth	9.5" x 15.875" x 12"
Shape	10°
Weight	14.6Kg (33Lbs)
Connectors	2 x NL4MP 4-pole SPEAKON (In & Through)
Construction	UPWE. finish with structured black coating Waterproofing
Fittings	Grill Perforated Steel
Flying	Integral flying system. Intercabinet Angle Adjustments = 1° to 5°

SYSTEM SPECIFICATIONS 808 with 312E controller

Frequency Response	90Hz - 20kHz
Usable Range @-6dB	80Hz - 20kHz @-6dB
Sensitivity 1W @ 1m	97dB SPL Nominal, 95dB SPL Wideband
Peak SPL @ 1m	Configuration dependent
Dispersion	Coupling Plane: Not usable as a single cabinet. Configuration dependent
Non Coupling Plane	120°
Crossover Frequency	4kHz Passive
Nominal Impedance	8 Ohms
Recommended Amplifiers	312Ax, 1200W into 4 Ohms, 4x cabinets per channel

SYSTEM OPERATION

Electronic Controller	The 312E Digital Controller presets are precisely matched to the 808 Series cabinets and include sophisticated protection systems. Using 808 Series cabinets without a properly-connected 312E Digital Controller will result in poor sound quality and can damage components.
HF Dispersion Configuration	After release of the front grill from its fittings, the HF Waveguide can be configured for 120° dispersion in the non-coupling plane.
Array Design	808 having tangent waveguides, can be mixed in the same array. Minimum configuration or Vertical Tangent Arrays is 2x 808 & 1x312. A ratio of 1x312 per 2x 808.
Subbass	312 Supercardiod Sub Bass (requires 312E F output and one Amplifier channel)
Speaker Cables	The 808 is wired 1+ & 1- on both SPEAKON connectors, 2+ & 2- are output connected.
Rigging System	Please refer to the 808 User Manual before any operation.

SHIPPING & ORDERING

Packaging	808s are packaged individually.
Shipping Weight & Volume	1x 808 = 15.5kg (34.9lbs), 0.043cu m (1.5cu ft)

312 PRODUCT FEATURES

Components	1 x 12" (30Cm) Hi-flux 8 Ohms Driver
Height x Width x Depth	19.125" x 15.875" x 14.125"
Shape	Rectangular
Weight	30.6Kg (69Lbs)
Connectors	2 x NL4MP 4-pole SPEAKON (In & Through)
Construction	UPWE. finish with structured black coating Waterproofing
Flying points	Integral flying system.

SYSTEM SPECIFICATIONS 312 with 312E controller

Frequency Response	40Hz - 120Hz
Usable Range @-6dB	35Hz - 150Hz @-6dB
Sensitivity 1W @ 1m	99dB SPL Nominal
Peak SPL @ 1m	Configuration dependent
Dispersion	Coupling Plane: Not usable as a single cabinet. Configuration dependent
Directivity Index	Over the entire usable bandwidth for respectively cardioid and supercardioid mode.
Crossover Frequency	120Hz active through 312E Digital Controller
Nominal Impedance	2x 8 Ohms
Recommended Amplifiers	312Ax, 1200W into 4 Ohms, 2x cabinets per channel

SYSTEM OPERATION

Electronic Controller	The 312E Digital Controller presets are precisely matched to the 312 and include sophisticated protection systems. Using 312 SubBass without a properly-connected 312E Digital Controller will result in poor sound quality and can damage components.
Speaker Cables	The 312 is wired 1+ & 1- on both SPEAKON connectors, 2+ & 2- are output connected.
Rigging System	Please refer to the 312 User Manual before any operation.

SHIPPING & ORDERING

Packaging	312s are packaged individually.
Shipping Weight & Volume	1x 312 = 31kg (70lbs), 0.09cu m (3.15cu ft)