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QSA 112

Costant Curvature Line Array

Addressing the growing demand for a compact and portable professional sound system, Qube developed the QSA112 Constant Curvature Line Array. This system is mostly dedicated to fixed installation and to sound rental companies, musicians and mobile DJ's which are looking for equipments with the best ratio performance/ portability at a very affordable price. The QSA112 delivers extraordinary power handling, clarity, flexibility and, of course, stunning sound in an attractive, easy to handle affordable package. Two-way, true line-array Full-Range/Bi-Amp system, in bass-reflex. 1 x 12" (3" VC) custom neodymium woofers granting high excursion and power handling. 3 x 1" (1.7" VC) custom neodymium compression drivers coupled to a waveguide with 100°H x 15°V dispersion horn. The QSA 112 easy handle (bi-amp mode) 600 watts on the lows and 300 watts on the mid high section with a SPL 128,5 dB (LF)/138 dB (HF) .High quality passive crossover network offering maximum reliability, with built-in soft thermal protection for the HF components with auto-reset. Bi-amp or Fullrange passive mode selection from the rear panel. High Frequency Shelving EQ switch (-3dB, 0dB, +3dB), allows effective amplitude shading technique, to evenly uniform the SPL of the mid-high frequencies in the listening area. The speaker is made with birch plywood finished with scratch resistant paint. Integrated handles and mechanical hardware for suspension with 10:1 safety factor are included. The SP 26 is a digital signal processing controller programmed to optimise the performances of the total system. The SP 22 QSA/1 is a digital signal processing controller made in a plug in module ,to optimise the performance of the total system.



Configuration	Way 2
Recommended amplifier	Full range 600W / Bi -amp:600(L)/300(MH)
Long term power	Full range 300 / Bi -amp 300(LF)/150(HF)
Short term power Full range (IEC 268-659)	Watt Full range 1200 / Bi-Amp 1200 (LF)/700 (HF)
Nominal impedance	Ohm Full range 8 / Bi-Amp 8(LF)/8(HF)
Frequency response	@-6dB 70Hz-20KHz
Low frequency woofer	inches 12 (3" coil)
High Frequency driver	inches 3 x 1 (1,7" coil)
Sensitivity dB	Full range 98 / Bi-Amp 98(LF)/110 (HF)
Maximum SPL (peak) dB	Full range 128,5 / Bi-Amp 128,5 (LF)/138 (HF)
Dispersion H°xV°	100x15
Crossover frequency	KHz 1,2
Recommended HP filter	60Hz / 24 dB oct
Recommended external filter	SP 26 controller or SP 22QSA/1 plug in module (full range)
Input connectors	2 speakons
Net dimensions H x L x W	cm 38,2x60,5x45,5
Net weight	Kg 30