



QUBE

QSA 112

PASSIVE CONSTANT CURVATURE LINE ARRAY

APPLICATIONS

- Permanent installations in Theatres, Concert Halls, Clubs, Places of Worship, Conference Rooms, Indoor Sports, Arenas & Stadiums
- Sound reinforcement for live events: Touring, Bands, Orchestras, Conference both indoors and out, where uniform sound pressure level is required over the entire listening area

FEATURES

- 18mm Baltic birch plywood enclosure with textured scratch resistant paint finish
- 12" B&C LF neodymium woofer with 3" coil
- 3 x 1" exit neodymium magnet HF driver with 1.7" voice coil
- 100°H x 15°V dispersion
- Input panel with 2 x Neutrik speakon NL4
- Bi-amp or Full-range passive mode selection
- 600W for LF / 240W for HF in bi-amp mode
- Max SPL: cont. (biamp LF/HF) : 127 (127/135)
- Max SPL: peak (biamp LF/HF) : 130 (130/138)
- Integrated handles and mechanical hardware for suspension
- Completely Manufactured in Italy



Designed, Engineered and Manufactured in ITALY

PRODUCT DESCRIPTION

Addressing the growing demand for a compact and portable professional sound system, FBT developed the QUBE QSA 112 constant curvature line array. This system is mostly dedicated to fixed installation and to sound rental companies, which are looking for equipment with the best ratio performance/portability. The FBT QUBE QSA 112 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" voice coil) neodymium woofer guaranteeing high excursion and power handling. 3 x 1" (1.7" voice coil) neodymium compression drivers coupled to a waveguide with 100°H x 15°V dispersion. The FBT QUBE QSA 112 easy handle (bi-amp mode) 600W on the LF and 240W on the HF section with a peak SPL 130dB (LF) / 138dB (HF). High quality passive crossover network offering maximum reliability, with built-in soft thermal protection for the HF components with autoreset. Bi-amp or full-range 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.

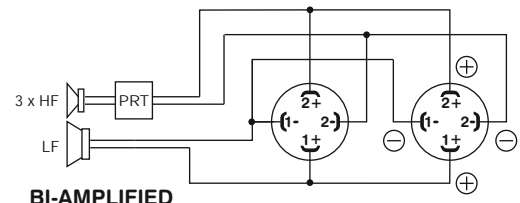
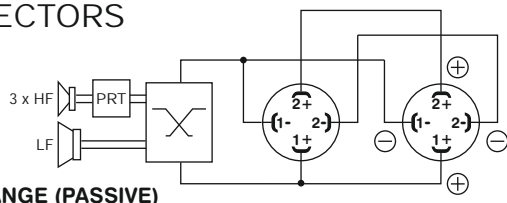
ELECTRICAL PERFORMANCE

System Type:		2-way
Recommended Amplifier (bi-amp LF/HF)	700 (600 / 240) W RMS	
Long Term Power (bi-amp LF/HF)	350 (300 / 120) W	
Short Term Power (IEC 268-5)(bi-amp LF/HF)	1400 (1200 / 480) W	
Nominal Impedance (bi-amp LF/HF)	8 ohm (8 ohm/8 ohm)	
Frequency Response @ -6dB	68Hz - 20kHz	
Max SPL cont. (bi-amp LF/HF)	127 (127 / 135)	
Max SPL peak (bi-amp LF/HF)	130 (130 / 138)	
Dispersion	100°H x 15°V	
Crossover Frequency	1.3kHz	
Recommended HP filter	60Hz-24dB oct.	

PHYSICAL

Low Frequency Woofer	12" / 3" Coil
High Frequency Driver	3 x 1" / 1.7" Coil
Input Connectors	2 x Speakon NL4 in & thru
Net Dimensions (WxHxD)	23.8" x 15.4" x 18"
Net Weight	79lbs
Enclosure Material	0.7" birch plywood

CONNECTORS

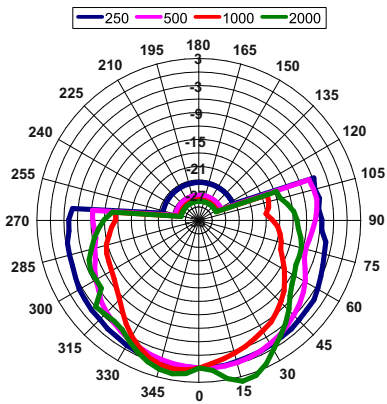




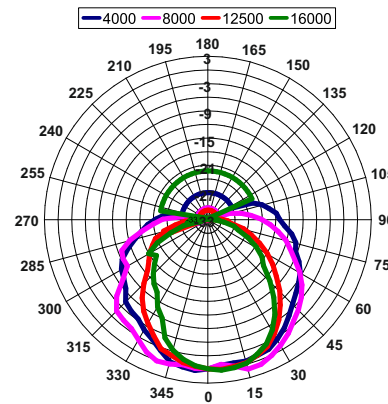
QUBE QSA 112

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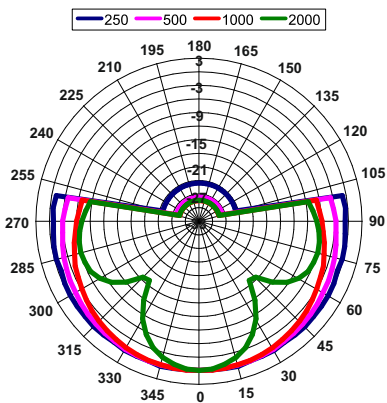
HORIZONTAL POLAR DIAGRAM



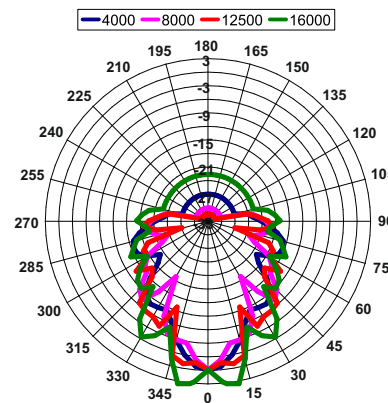
HORIZONTAL POLAR DIAGRAM



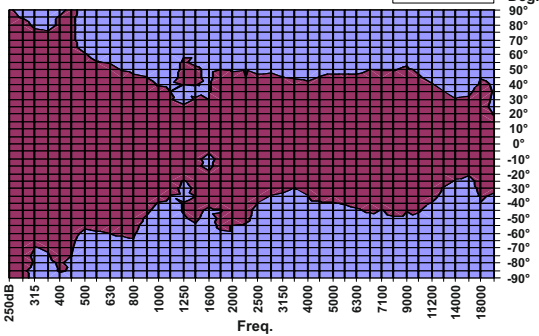
VERTICAL POLAR DIAGRAM



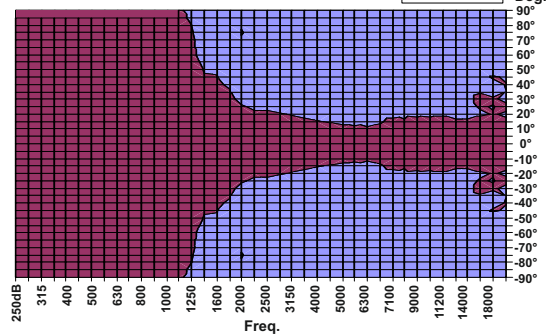
VERTICAL POLAR DIAGRAM



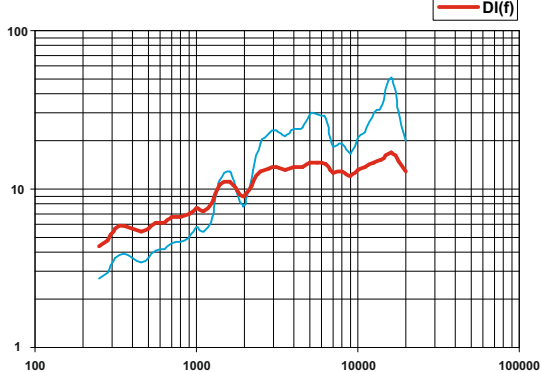
HORIZONTAL BEAMWIDTH



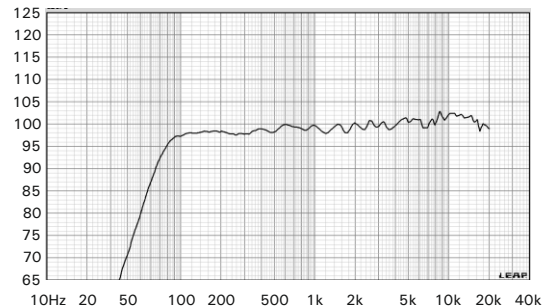
VERTICAL BEAMWIDTH



Q FACTOR & DIRECTIVITY INDEX



FULL SPACE FREQUENCY RESPONSE

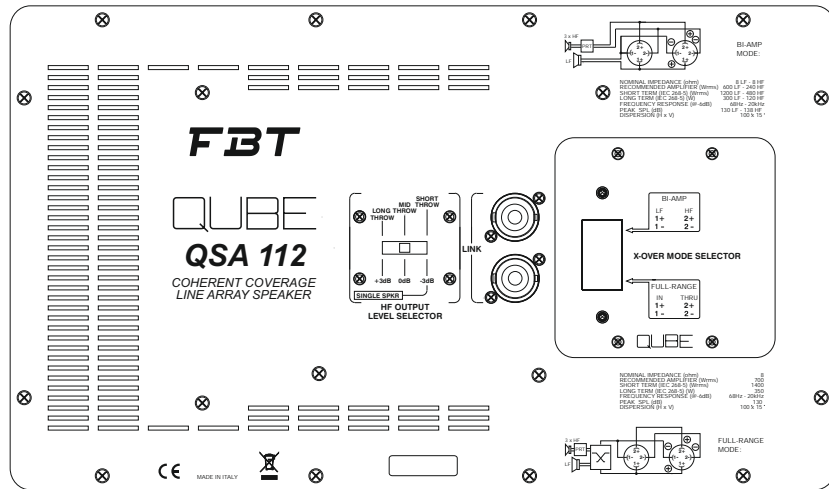




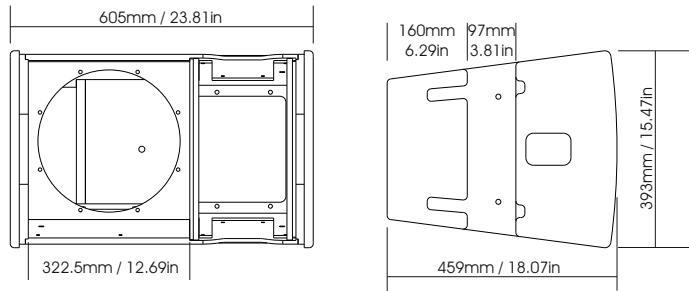
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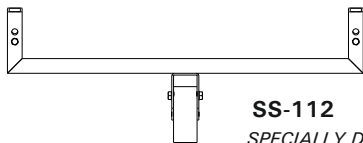
CONNECTION PANEL



DIMENSIONAL DRAWING

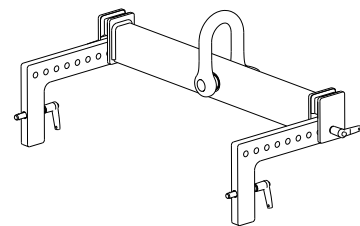


ACCESSORIES



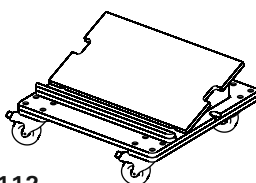
SS-112

SPECIALLY DESIGNED SPEAKER STAND
FOR MOUNTING QSA112 CABINET ON
TOP OF A QSA118 SUBWOOFER.



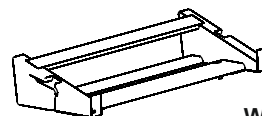
HSA 600

RIGGING HARDWARE / FLYING BAR



WD-112

TROLLEY WITH WHEELS TO
TRANSPORT 4 x QSA112



WMA-112

WOODEN SUPPORT TO TILT DOWN (-7.5°)
QSA112 FITTED OVER QSA118S/118SA Sub.rs