



QUBE

QA 108

PASSIVE LINE ARRAY SYSTEM

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

KEY FEATURES

- ▶ Enclosure in 0,47" Baltic birch plywood with scratch resistant black paint
- ▶ 8" neodymium magnet woofer with 2" coil
- ▶ 6" neodymium pleated diaphragm tweeter
- ▶ Full range or Bi-amp configurable
- ▶ Recommended amplifier (LF / HF) 350/200W RMS
- ▶ Integrated rigging hardware
- ▶ Completely manufactured in Italy



Designed, Engineered
and Manufactured in ITALY

PRODUCT DESCRIPTION

Two way passive line array FBT QUBE QA108 system featuring a high quality passive crossover network with a built in soft thermal protection circuit with an audio reset feature for the LF woofer and the HF PDT. Biamp or full range passive operation mode is user selectable from the rear panel that is equipped with Neutrik speakon NL-4 MDV connectors IN & LINK out. FBT QUBE QA108 is equipped with a 8" neodymium magnet woofer and a 6" length neodymium Heil tweeter (PDT-pleated diaphragm tweeter) coupled to a short horn having a cylindrical projection with 10°V x 100°H dispersion. The FBT QUBE QA108 compact enclosures have a trapezoidal shape with an angle of 10°V, and is constructed with 12mm (0,47") Baltic birch plywood and finished with scratch and scuff resistant black paint. A heavy duty metal grille with cloth protect the drivers from dust and moisture. The cabinet is provided with two integrated fly points for suspension allowing settings in 1° steps from 0° to 10°. The optional QUBE SP27 is a digital signal processing controller programmed to optimize the performance of the total system and is recommended when using multiple FBT QUBE QA108 line array cabinets.

ELECTRICAL PERFORMANCE

System type	2 way
Recommended amplifier bi-amp (LF / HF)	350W RMS (350 / 200)
Long term power bi-amp (LF / HF)	175W RMS (175 / 100)
Nominal impedance bi-amp (LF / HF)	8 Ohm (8 / 8)
Frequency response @-6dB	70Hz - 23kHz
Maximum SPL cont. bi-amp (LF / HF)*	123dB (120 / 127)
Maximum SPL peak bi-amp (LF / HF)	131dB (123 / 131)
Dispersion	100°H x 10°V

PHYSICAL

Low frequency woofer	8" / 2" coil
High frequency driver	6"
Input connectors	2 x speakon
Net dimensions (WxHxD)	17,91" x 8,66" x 13,77"
Shipping dimensions (WxHxD)	22,83" x 11,61" x 18,89"
Net weight	33,95lbs
Shipping weight	37,691lbs
Enclosure material	0,47" Baltic birch plywood

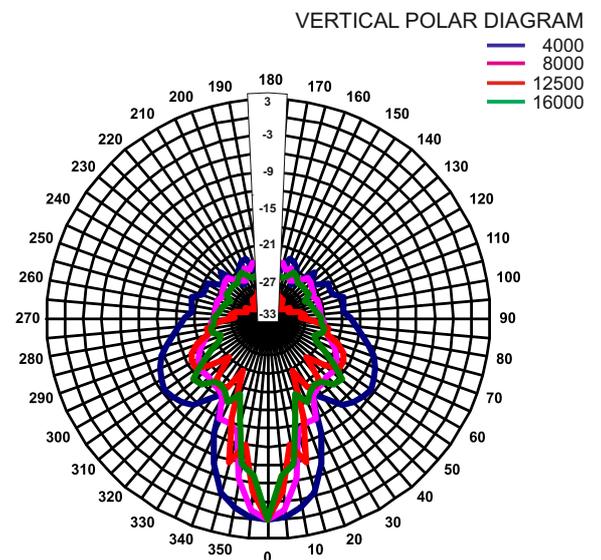
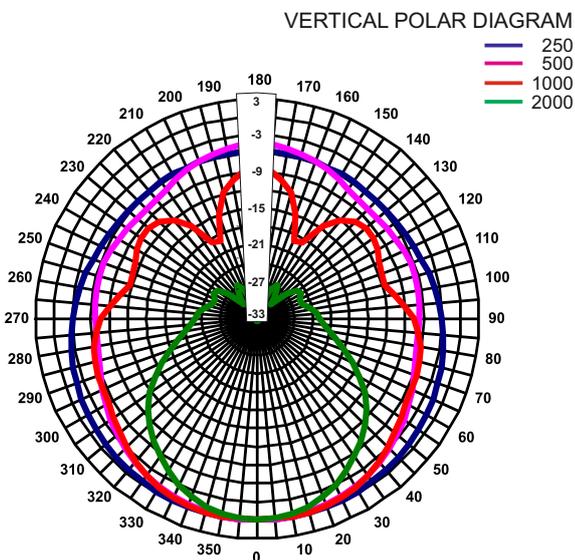
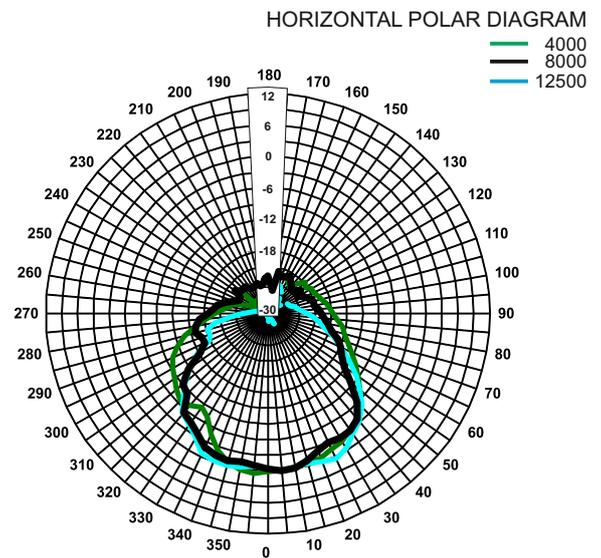
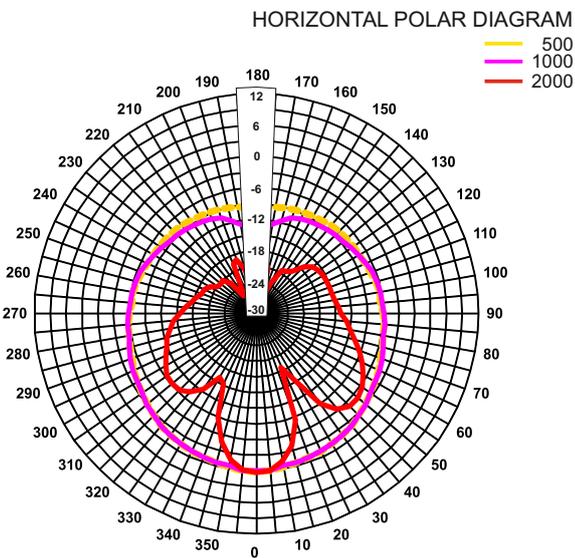
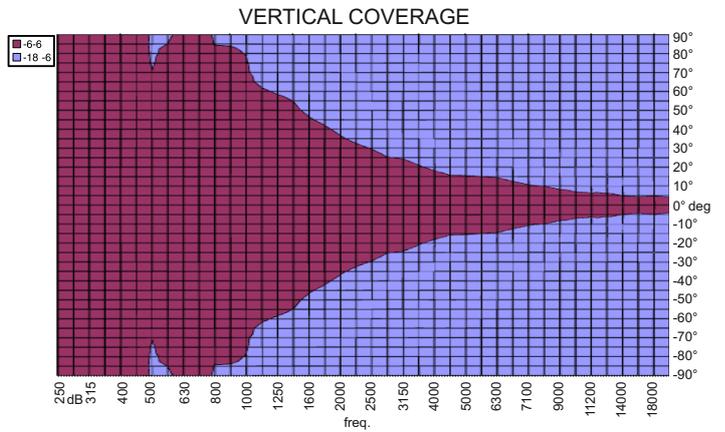
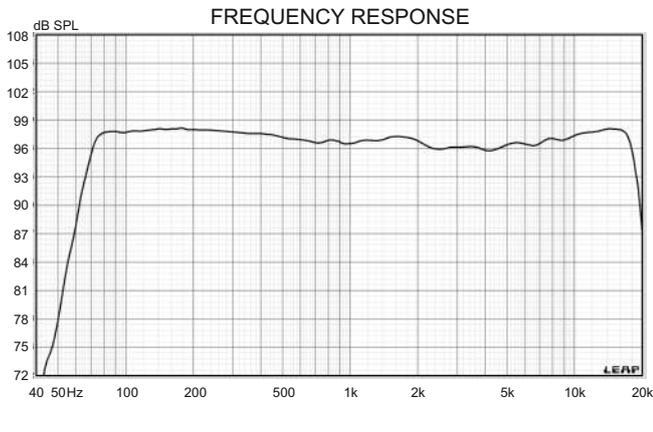
- * CONT. SPL: free space, based on recommended amp rating and LF transducer average sensitivity data, 125mS time average
- PEAK SPL: free space, based on short term applicable power rating and system peak sensitivity, 10mS time average



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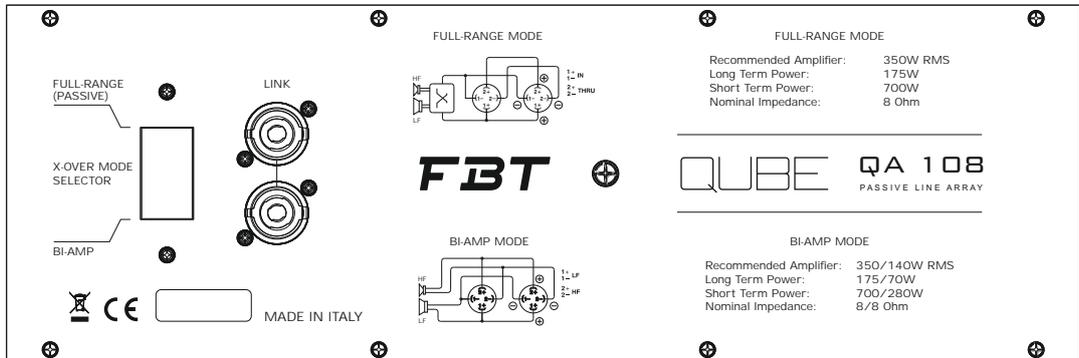


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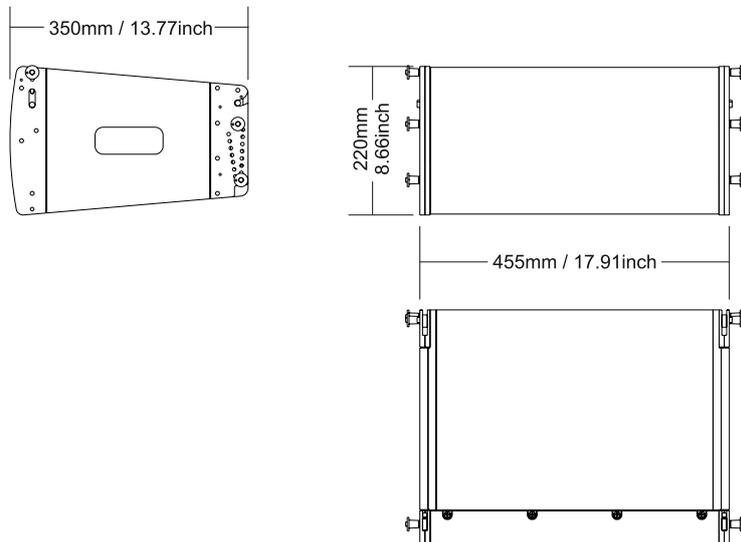
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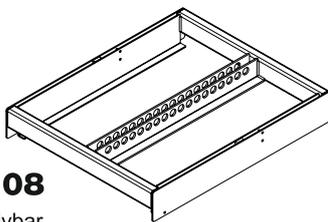
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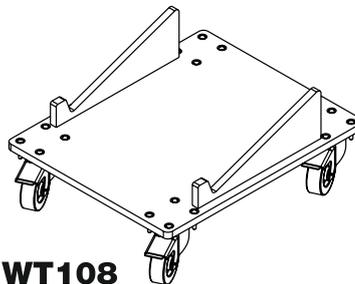
DIMENSIONAL DRAWING



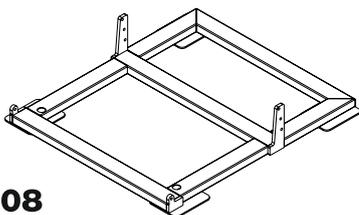
ACCESSORIES



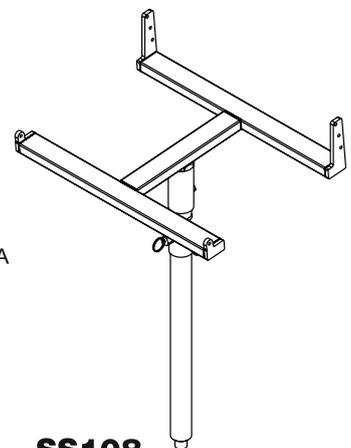
HSA108
Rigging Flybar



WT108
Wooden trolley to transport 6 x QA108/QA108A



MMH108
Steel structure to place the models QA108A/QA108 on the floor in array or to place them directly on top of the subwoofer QA118SA/QA118S



SS108
Support to secure the satellites QA108/QA108A onto the subwoofer QA118S/QA118SA