



# QUBE

# QA 108A

ACTIVE 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 plated diaphragm tweeter
- ▶ Class D amplifiers delivering 400W RMS for LF and 100W RMS for HF
- ▶ DSP on board with 4 preset
- ▶ Integrated rigging hardware
- ▶ Completely manufactured in Italy



Designed, Engineered  
and Manufactured in ITALY

## PRODUCT DESCRIPTION

Bi-amp powered line array system featuring Class D amplifiers with a switch mode power supply, delivering 400W RMS LF and 100W RMS HF. A built-in DSP provides crossover, equalization and component protection. The DSP has a 4 position switch to set 4 different EQ curves, with each selection dependent on the number of the cabinets used. A rotary potentiometer adjusts volume/gain level. A switchable HP filter can be engaged when the FBT QUBE QA 108A cabinets are used in combination with the FBT QUBE QA 118SA active subwoofer. The control panel features: 3 led indicators for the power amps operation status (power on, peak, protection/limiter), a balanced XLR -F input connector and a balanced XLR-M loop output connector to daisy chain the signal input to additional FBT QUBE QA 108A speakers. Two Neutrik powercon AC connectors (1 main AC IN, 1 AC loop OUT to supply AC power to up 3 FBT QUBE QA 108A). FBT QUBE QA 108A 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 QA 108A 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°.

## ELECTRICAL PERFORMANCE

System type	2 way
Built-in amplifiers LF / HF *	max.: 350W RMS / 80W RMS max. peak: 400W / 100W RMS
Frequency response @-6dB	68Hz - 23kHz
Maximum SPL (cont. / peak)**	123 / 131dB
Dispersion	100°H x 10°V
AC power requirement	450VA

## PHYSICAL

Low frequency woofer	8" / 2" coil
High frequency driver	6"
Input connectors	XLR with loop
Net dimensions (WxHxD)	17,91" x 8,66" x 13,77"
Shipping dimensions (WxHxD)	22,83" x 11,61" x 18,89"
Net weight	34,17lbs
Shipping weight	37,91lbs
Enclosure material	0,47" Baltic birch plywood
Power cord	16,40 ft

\* MAX.: 2mS burst, rms power on nominal speaker impedance  
MAX PEAK: based on max. peak output voltage and nominal speaker impedance

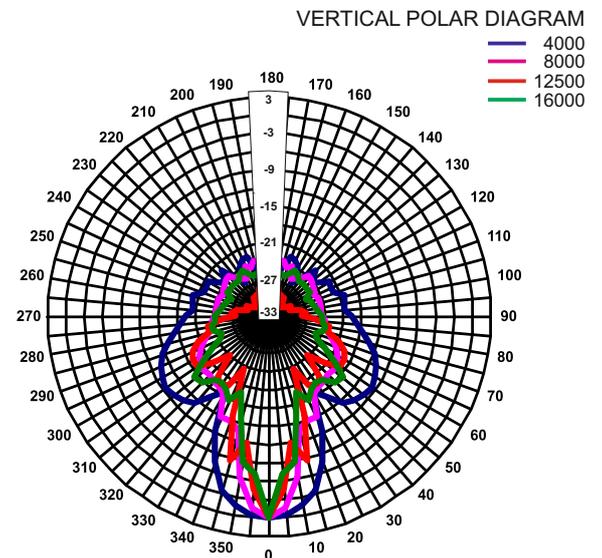
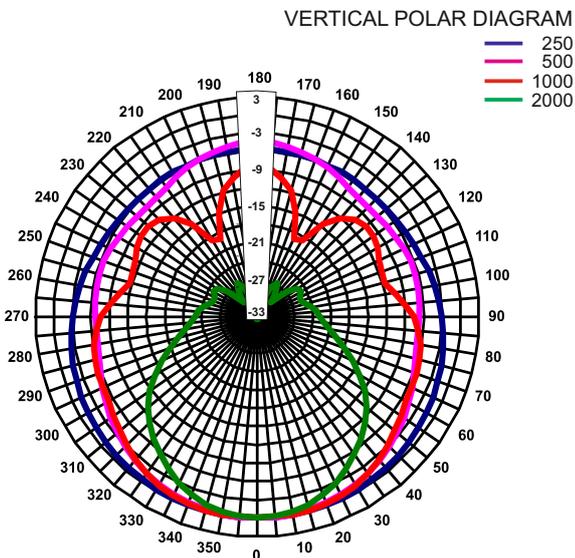
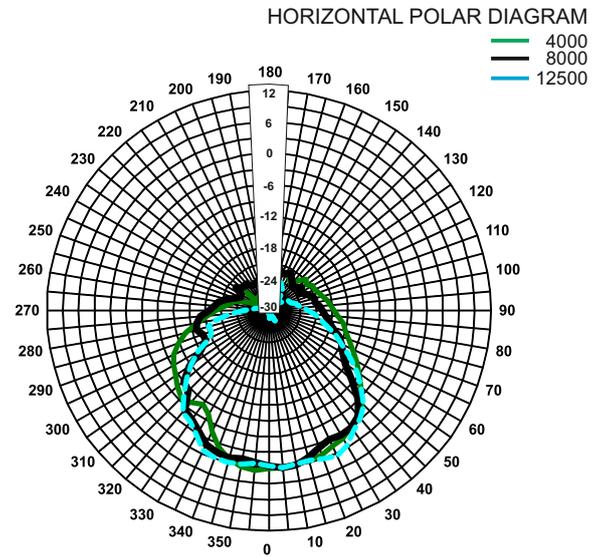
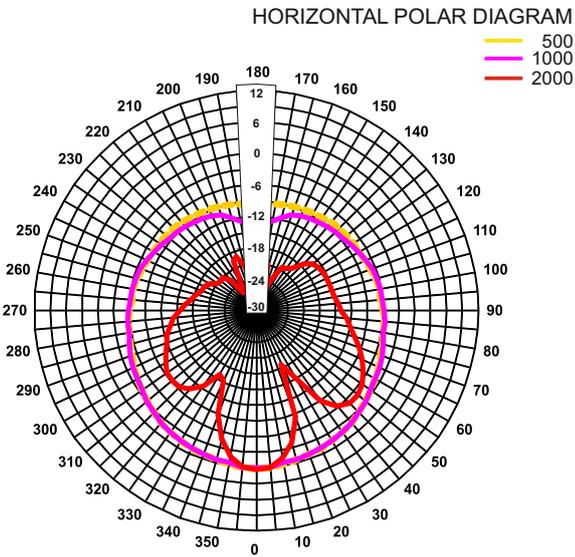
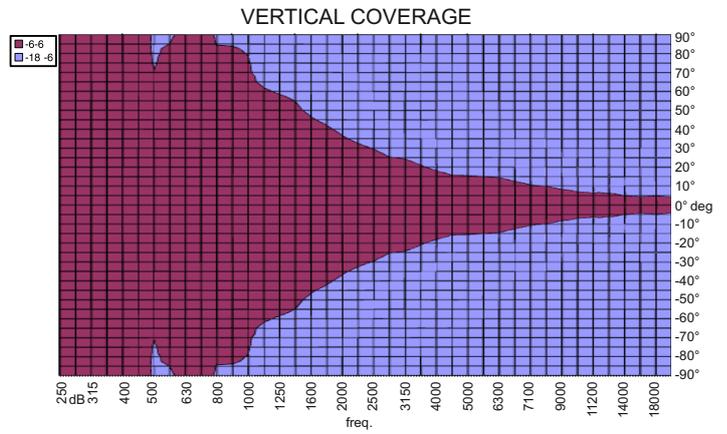
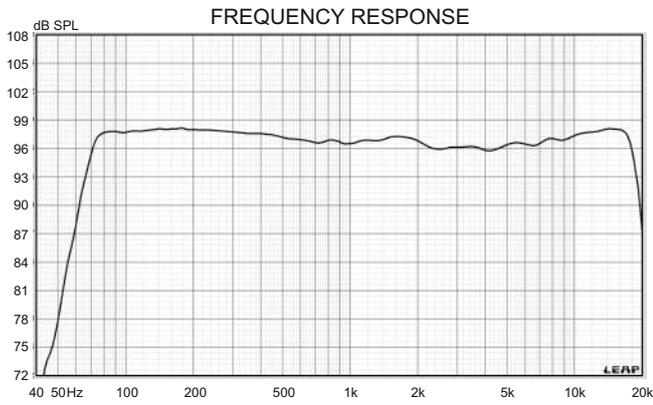
\*\* CONT. SPL: free space, based on power amp rating and LF transducer average sensitivity data, 125mS time average  
PEAK SPL: free space, based on peak power amp rating and system peak sensitivity, 10mS time average



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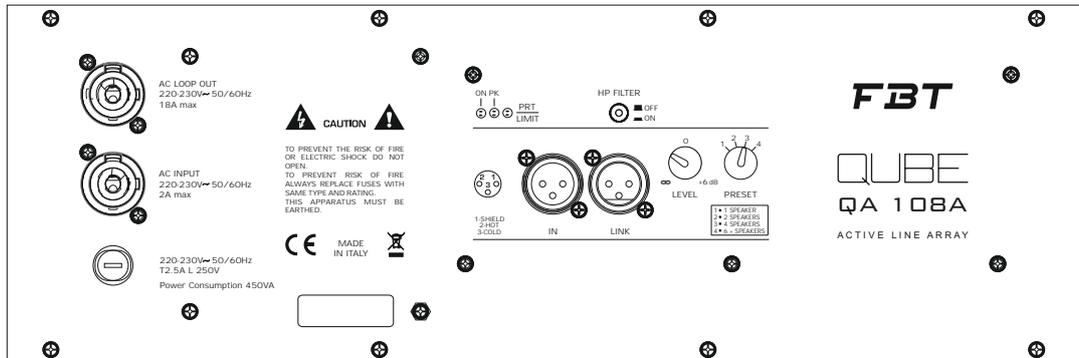


# QUBE

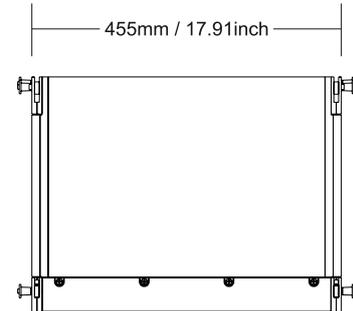
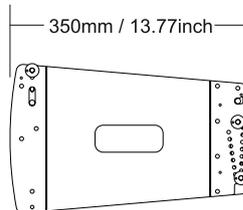
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## INPUT PANEL

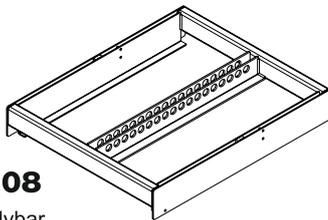


## DIMENSIONAL DRAWING



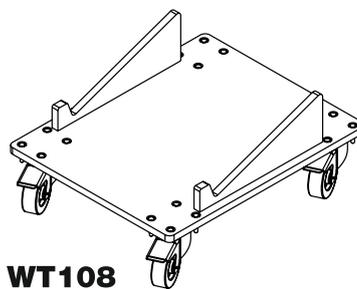
## ACCESSORIES

**HSA108**  
Rigging Flybar



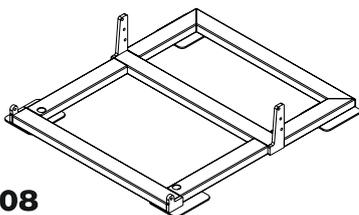
**WT108**

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

