



MODUS 4820 LA

Active Precision Coverage Vertical Array

MAIN 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

MAIN FEATURES

- 0,70" birch plywood cabinet
- Class D amplifiers, 600W RMS to the LF, 300W RMS to the HF
- 4 x 8" woofers with 2" coil
- 4 x 1" neodymium compression drivers with 1,7" voice coil
- DSP on board with 8 preset
- Dispersion 90°H x 20°V
- High SPL capability: 137dB
- Integrated rigging hardware
- Completely Manufactured in Italy



PRODUCT DESCRIPTION

FBT MODUS 4820LA is a new sound reinforcement solution from FBT that redefines the modern line array in terms of power, size, light weight, flexibility and ease of use. The FBT MODUS 4820LA is the ideal choice when line array performance is needed and a fast and easy set up is a must. The modularity of the FBT MODUS 4820LA makes it extremely flexible for a wide range of applications, from a small two cabinets PA system to an elaborate line array system along with multiple FBT MODUS 118FSA and FBT MODUS 215FSA subs for large concert events. The system features 4 x 8" custom neodymium woofers with 2" voice coil and 4 x 1" neodymium compression drivers with 1,7" voice coil. The system is powered from a 600W RMS amplifier in Class D technology for LF and a 300W RMS amplifier for HF; the amplifier features a solid lightweight die-cast aluminium structure that permits to protect the electronics against dust, avoid any air loss through the controls and maximize heat loss by using the woofer ventilation instead of a cooling fan. The constant curvature overcomes the limitations of line arrays with variable angles which inevitably create unmatched SPL between neighbouring enclosures at high frequencies. The onboard DSP offers a choice of eight presets, allowing users to easily configure their MODUS system depending on the curvature of arrays and the number of speakers used. 3 status LEDs, On/Peak/Lmt-Prt, are provided for monitoring the system. The FBT MODUS 4820LA cabinets are moulded on a 0,70" (18mm) birch plywood, and incorporate two handles; the front is protected by a heavy duty metal grille with anti-resonance spacers and exclusive synthetic cloth to protect the drivers. The FBT MODUS 4820LA provides a wide range of hardware accessories for flying and ground stacked configurations.

ELECTRICAL PERFORMANCE

System Type	2-way powered bi-amplified system
Built-in Amplifiers LF / HF *	cont.: 400W RMS / 200W RMS max.: 600W RMS / 300W RMS peak.: 1200W / 600W
Frequency Response @ -6dB	58Hz - 20kHz
Input Impedance	22kOhm
Maximum SPL (cont. / peak) **	130dB / 137dB
Dispersion	90° x 20°
AC Power requirement	640 VA

PHYSICAL

Low Frequency Woofer	4 x 8" - 2" coil
High Frequency Driver	4 x 1" - 1.7" coil
Input Connectors	XLR with loop
Net Dimensions (WxHxD)	28,66" x 20,07" x 15,98"
Shipping Dimensions (WxHxD)	728 x 510 x 406mm 31,88" x 23,62" x 19,68"
Net Weight	810 x 600 x 500mm 100,31 lbs / 45,5 kg
Shipping Weight	106,92 lbs / 48,5 kg
Enclosure Material	Birch plywood
Power cord	5 mt. / 16,4ft

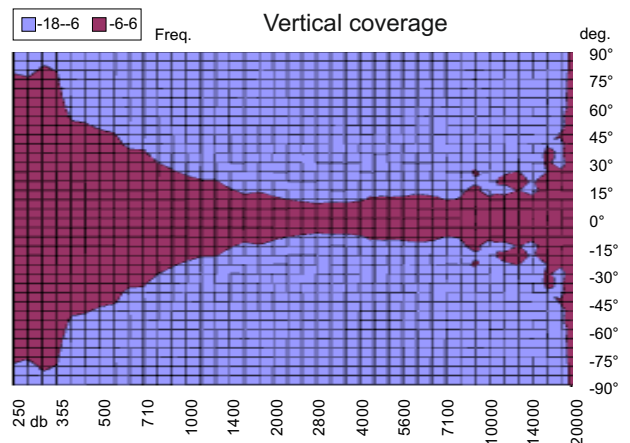
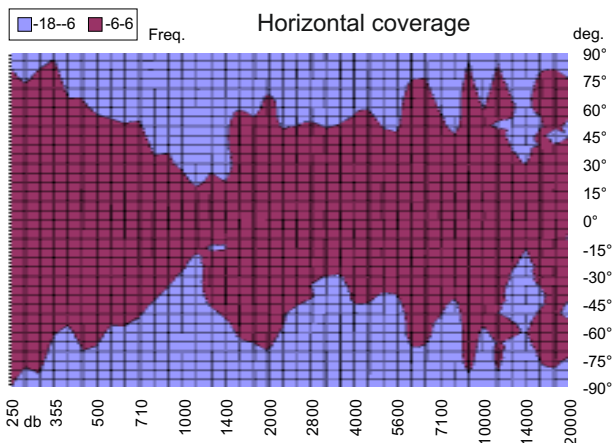
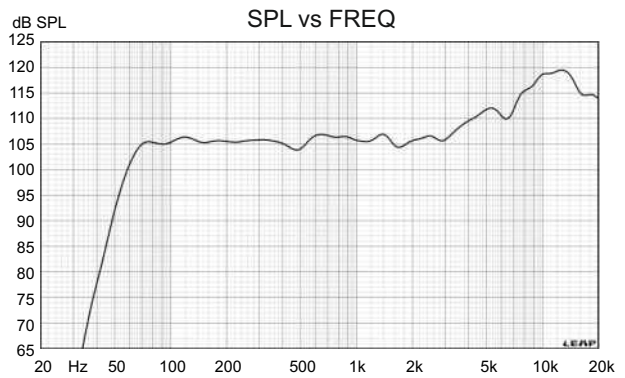
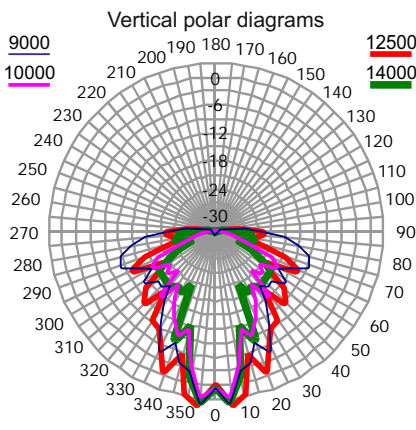
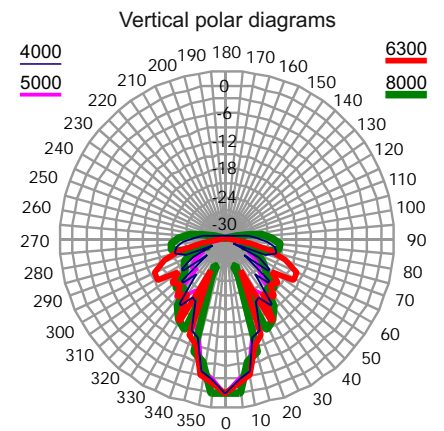
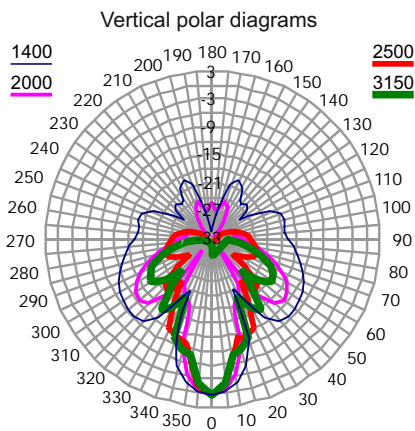
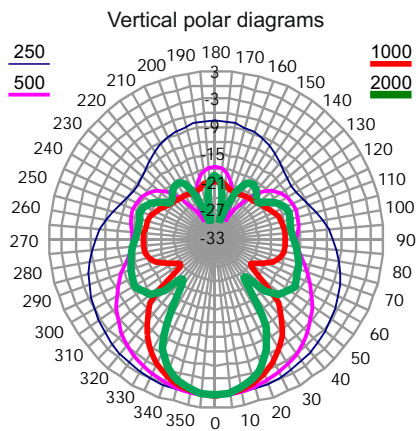
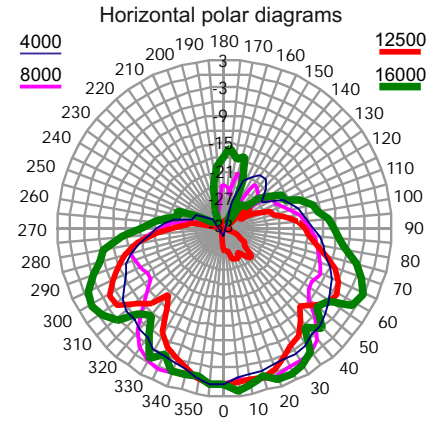
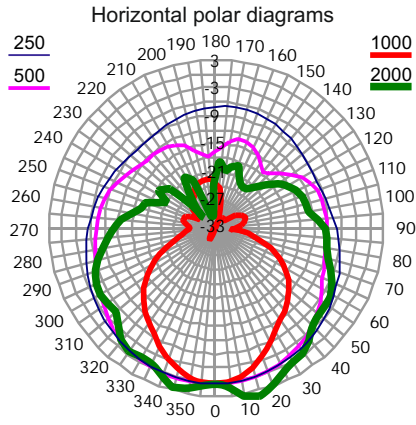
- * CONT.: 500mS, rms power on nominal speaker impedance
MAX.: 2mS burst, rms power on nominal speaker impedance
MAX PEAK: based on max peak output voltage and nominal speaker impedance

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



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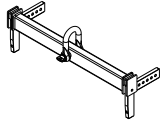




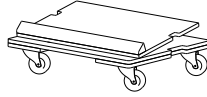
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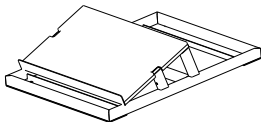
ACCESSORIES



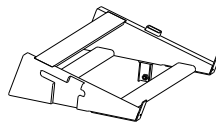
MD-F SAT
Flying bar for rigging
MODUS 4820LA



MD-T 48
Trolley for 2 MODUS 4820LA



MD-B
Stand base to tilt MODUS 4820LA

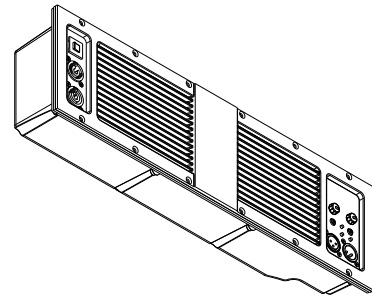


MD-WB
Stand base to tilt
MODUS 4820LA
on MODUS SUB

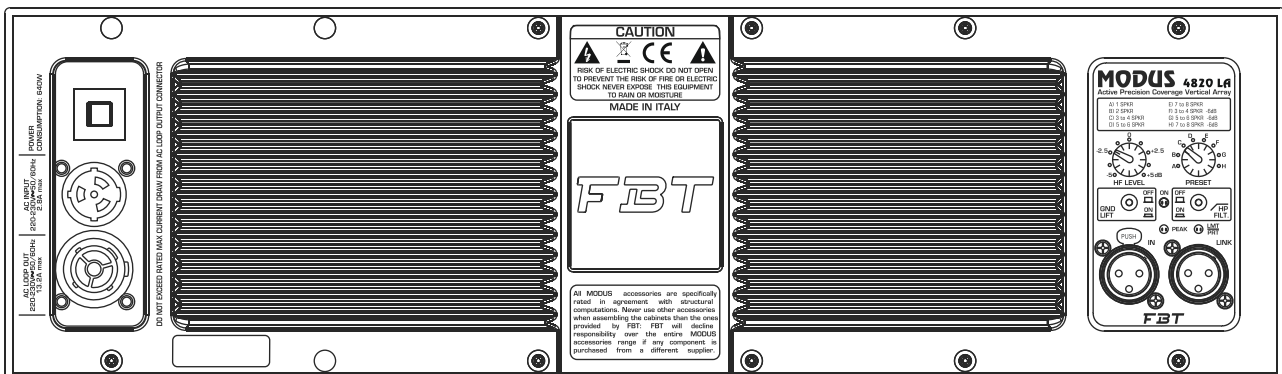
AMPLIFIER MODULE

The FBT MODUS 4820LA provides a high-efficiency Class D power amplifier module with switching power supply enclosed in a die-cast aluminium chassis.

This permits to protect the electronics against dust, avoid any air loss through the controls – which would cause annoying noises- and maximize heat loss by using the woofer ventilation instead of a cooling fan.



CONNECTION PANEL



DIMENSIONAL DRAWING

