



Evo²MaxX 2a

Processed Active Speaker

APPLICATIONS

- Live Sound P.A. System
- Live Sound Monitor
- D.J. System
- School & Corporate Audio Visual Sound Reinforcement
- Background Music/Announcement: Restaurants, Pubs
- Transportation Terminals /Clubs /Auditoriums /Theatres
- Gyms /Houses of Worship

FEATURES

- 2-way biamplified bass reflex design cabinet.
- 400W RMS LF & 100W RMS HF Class D power amplifiers
- 10" magnet woofer with 2" voice coil, custom made for FBT.
- B&C HF compression driver with 1.4" voice coil and 1" exit.
- Control panel with balanced XLR/Jack input and XLR link out, Volume, EQ. presets, HP filter, 3 status led indicators.
- Extra lightweight polypropylene cabinet (26.45lbs) with one integrated handle and stage floor monitor taper.
- Multiple mounting options: 1.38" top-hat speaker stand socket, wall bracket mount flange plate, two M10 suspension points.
- Optional Carrying Bags available for protection for portable use.
- Completely Manufactured in Italy.



Designed, Engineered
and Manufactured in ITALY

PRODUCT DESCRIPTION

The **EVO²MaxX 2A** active speaker features lightweight, yet rugged gas injected molded polypropylene cabinet construction. The asymmetrical shape of the **EVO²MaxX 2A** cabinet also allows use as a floor stage monitor. The **EVO²MaxX 2A** is a two way design incorporating a custom made for FBT, 10" LF magnet woofer with a 2" voice coil and a 1.4" B&C HF compression driver coupled to a 90H x 60V Constant Directivity Horn with a 1" throat exit. The digital internal crossover is at a fixed frequency of 1.8kHz. With a frequency range of 58Hz-20kHz, the **EVO²MaxX 2A** provides hi fidelity sound for both speech and music applications with a maximum SPL of 128dB. The bi amplified **EVO²MaxX 2A** active speaker features a 400W RMS Class D low frequency amp and a 100W RMS Class D high frequency amp. An **EVO²MaxX** digital signal processor with four presets also provides quick equalisation contours for any acoustically challenging venue. The control panel features balanced XLR/Jack input and XLR link out, Volume, EQ presets, HP Filter, 3 status led indicators. A front face steel grille protects the woofer from external damage. The two M10 fly points built into the cabinet, along with the optional BOX 102 mounting brackets allow **EVO²MaxX 2A** speakers to be surface mounted on walls or ceilings. A standard 1.38" speaker stand socket allows the **EVO²MaxX 2A** to be mounted on speaker stands.

ELECTRONIC SPECIFICATIONS

System Type:	2 Way
Internal Amplifiers *	cont.: 350W+80W RMS max.: 400W+100W RMS max. peak: 800W+200W
Low Frequency Woofer	1 x 10" - 2" coil
High Frequency Driver	1 x horn - 1.4" coil
Frequency Response @ -6dB	58Hz - 20kHz
Input Impedance	22kOhm
Maximum SPL (continuous/peak) * *	122.5dB / 128dB
Dispersion	90°H x 60°V
Active Crossover Frequency	1,8kHz
AC Power Requirement (continuous/peak)	450VA

PHYSICAL SPECIFICATIONS

Input Connectors	XLR with loop
Net Dimensions (WxHxD)	13,9" x 21,6" x 12,1"
Shipping Dimensions (WxHxD)	17,1" x 24,8 x 15,5"
Net Weight	26.45lbs
Shipping Weight	30.86lbs
Enclosure Material	Polypropylene
Grille	Steel with powder coat black paint finish
Power Supply Cable	16.4 ft

* CONT. : 500ms burst, 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

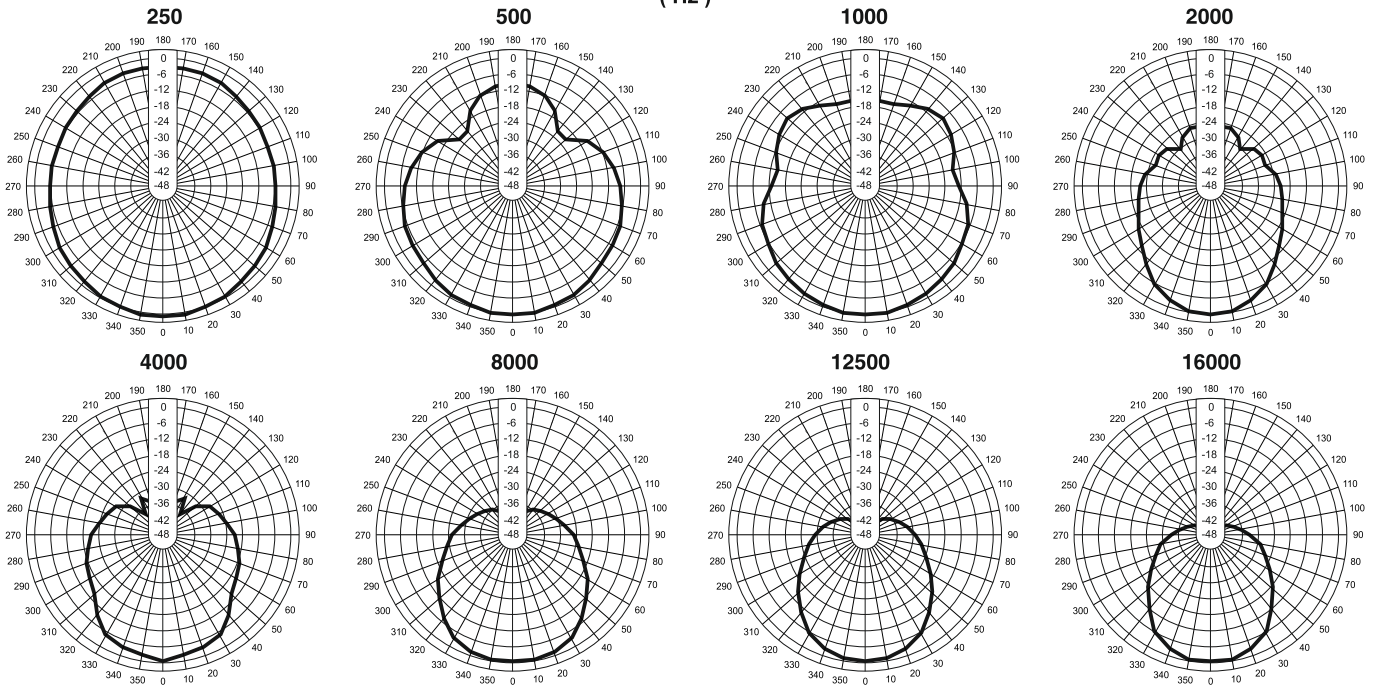
* * CONT. SPL: free space, based on continuous power amp rating and LF transducer average sensitivity data, 125ms time average
PEAK SPL: free space, based on max. peak power amp rating and system peak sensitivity, 10ms time average



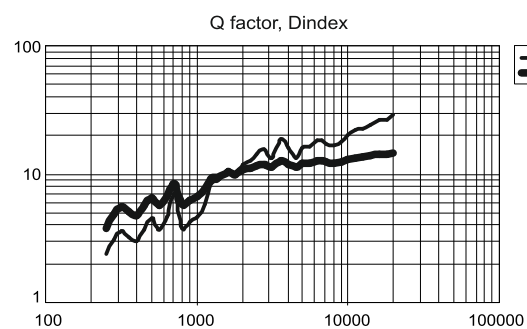
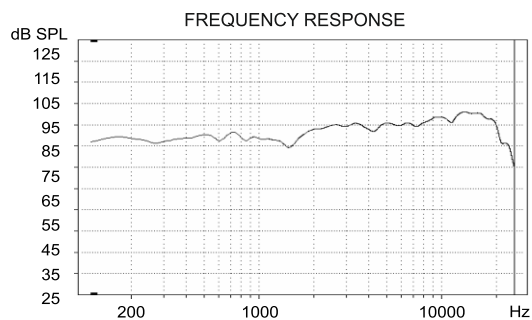
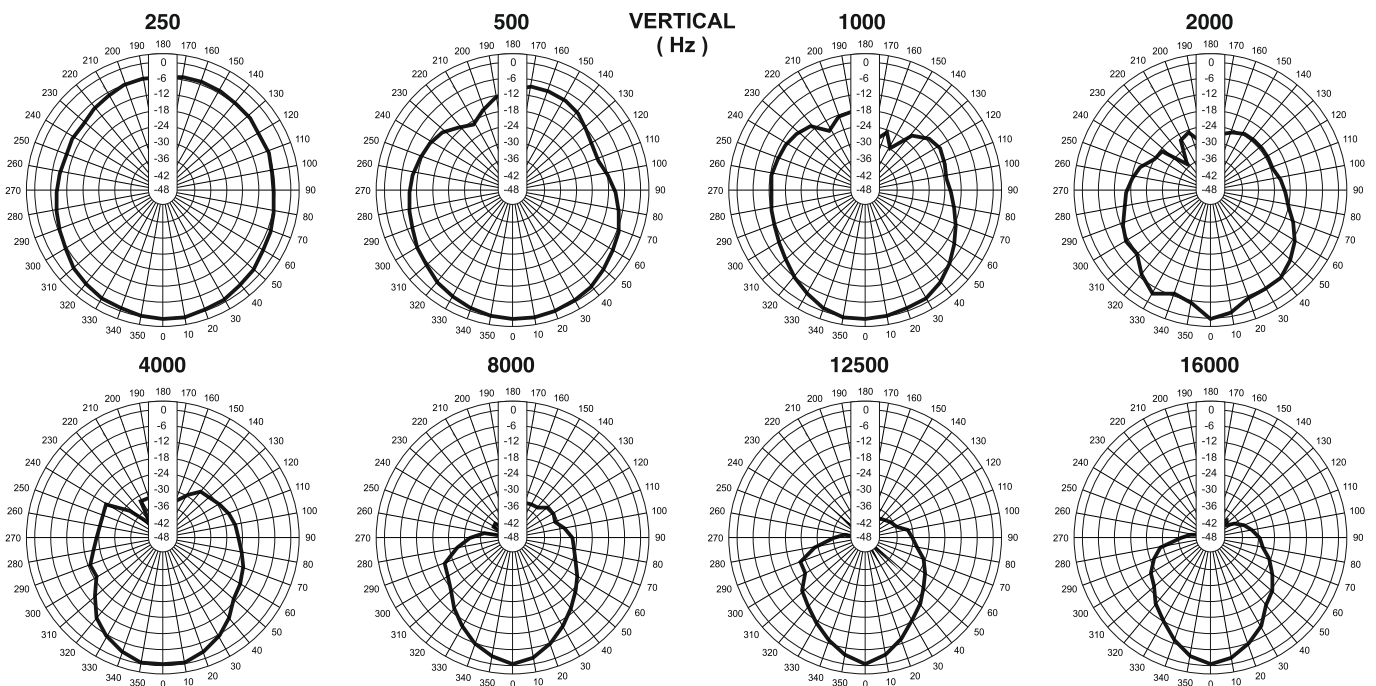
Evo²MaxX_{2a}

DIAGRAMS

HORIZONTAL
(Hz)



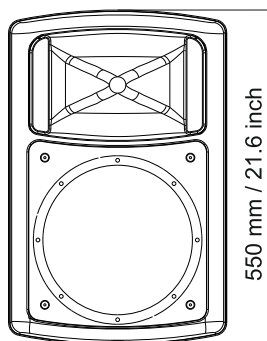
VERTICAL
(Hz)



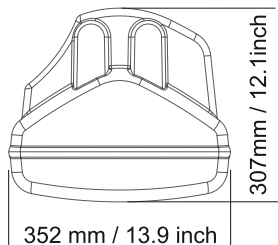


Evo²MaxX 2a

DIMENSIONAL DRAWINGS



550 mm / 21.6 inch



307 mm / 12.1 inch

352 mm / 13.9 inch

CONTROL PANEL

Evo²MaxX 2a
Processed Active Speaker

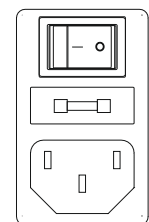
FBT



TO PREVENT THE RISK OF FIRE OR ELECTRIC SHOCK DO NOT OPEN. TO PREVENT RISK OF FIRE ALWAYS REPLACE FUSES WITH SAME TYPE AND RATING. THIS APPARATUS MUST BE EARTHED

POUR EVITER TOUT RISQUE DE CHOC ELECTRIQUE NE PAS OUVRIR. POUR EVITER TOUT RISQUE DE FEU

220-230V~50/60Hz
T2.5A - 250V
450VA



FBT elettronica spa
MADE IN ITALY

- 1-ORIGINAL
- 2-FLOOR/VOCAL
- 3-BOOST/LOUNGE
- 4-CLUB/D.J.



PRESET



dB LEV +6 line +36 mic

HP FILTER



SOURCES



PEAK

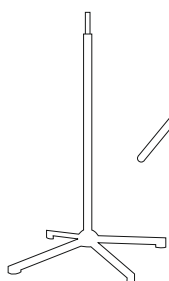


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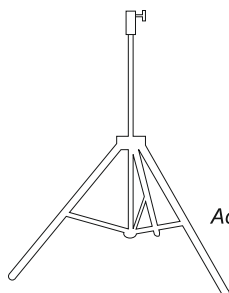


1-SHIELD 2-HOT 3-COLD

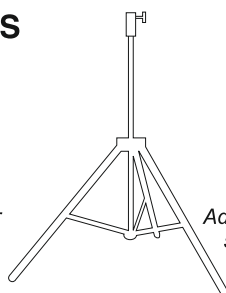
ACCESSORIES



SS 2
Standard speaker
floor stand
Max. weight 220lb



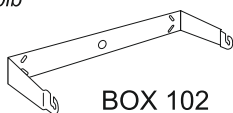
KMS 300
Adjustable aluminium floor
stand, damped safety
mechanism
Max. weight 154lb



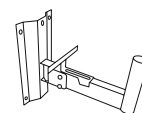
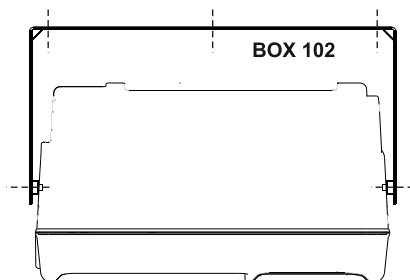
KMS 325
Adjustable aluminium floor
stand Ø1.38" with Ø1" adapter
Max. weight 88lb



KMS 220
Adjustable for
sub-satellite
speaker connection
with safety locking
device Ø1.38"



BOX 102
Mount for horizontal
wall installation



KWM 560
Directional wall
mount

