

M3 MAX

COMPACT LINE ARRAY

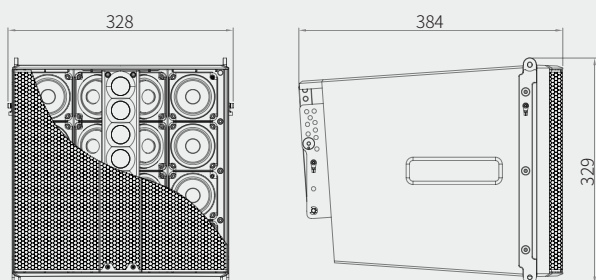
PRODUCT FEATURES

- Compact 2-way line-array module
- Actively driven by DSP rack amplifier
- 3-point rigging system
- Easy integration and operation
- Modular and scalable system
- Suitable for ground stacking or flying
- Black and white are available

Applications

Designed for fixed installations in multi-function halls, sports venues, medium to large-sized theaters, and cultural tourism settings (with environmental protection), it can also accommodate medium to large-sized mobile performances that prefer passive systems.

PRODUCT DRAWING



PRODUCT DESCRIPTION

M3 MAX was developed to meet the demands of more challenging applications and larger events. This compact 2-way line-array module combines elegant design with cutting-edge technology to deliver exceptional sound quality in an easy-to-handle format.

With 16 high-efficiency 2.8 " neodymium midrange drivers and eight 1" soft-dome tweeters, M3 MAX ensures extended and powerful midrange coverage as well as clear and natural highs. The flying passive elements are driving by an SE rack amplifiers with dedicated DSP presets for protection and tonal consistency, streamlining system design and reducing complexity.

The enclosure is made of high-quality birch plywood and coated with Polyurea, ensuring robustness and durability under the demanding conditions of larger applications. The modularity and 3-point rigging system enable easy expansion and integration into existing systems.

Thanks to its thoughtful accessories, M3 MAX is highly versatile. It can be used as a ground stack or a flown system. Whether at larger mobile applications or challenging sound reinforcement tasks for fixed installation, this line-array module delivers reliable performance and top-notch sound quality.

SAFETY NOTE Please observe the operating instructions as well as the applicable regulation-sand rules for safe use and operation. Also observe the maximum permissible-number of modules in a ground stack or flown system.



SPECIFICATIONS

ACOUSTICAL	
Frequency range (-3 dB) ¹	135 Hz - 19 kHz
Frequency range (-10 dB) ¹	95 Hz - 20 kHz
Coverage angles (-6 dB) [H x V]	120° x 16°
Nominal impedance	32 Ω
Sensitivity ¹	98 dB
Amplifier power ²	600 W
Maximum Peak SPL ³	135 dB
System type	2-way passive
Crossover frequency	1.9 kHz
Transducers	MF: 16 x 2.8" drivers (0.8" voice coil) HF: 8 x 1" dome tweeters (1" voice coil)
Enclosure type	Vented box
Connectors	Input signal: 1 x Neutrick SPEAKON® NL4 Link output: 1 x Neutrick SPEAKON® NL4
Wiring	Input signal: IN+: 1+, IN-: 1- Link output: Thru+: 1+, Thru-: 1-
MECHANICAL	
Product dimensions [H x W x D] (Including rigging)	329 x 328 x 384 mm
Net weight	11.7 kg
Packaging dimensions [H x W x D]	485 x 415 x 452 mm
Total weight	13.8 kg
Cabinet	12 mm plywood
Cabinet finishing	Black polyurea coating
Grille	Galvanized powder-coated perforated steel
Rigging	Three-point rigging system 3 x SE Audiotechnik® 6 mm locking pins
Splay angles	0.25°, 0.5°, 1°, 1.5°, 2°, 3°, 4°, 5°, 6.5°, 8°
ACCESSORIES	
Bumper frame	M-F3A PRO MAX BF
Bumper frame	M-F3A PRO MAX BF Slim
Stacking Frame	B 18 SFi MAX
U-bracket	M-F3A PRO MAX UB
Transport kart	M-F3A PRO MAX TK 43
Flight case	M-F3A PRO MAX FC
Line array rain cover	M-F3A PRO MAX FRC 8/12/16

¹ Whole space, 1W / 1m, on axis, with dedicated DSP in IA 1202D

² IA1202D BTL into 32 ohms

³ SPL/1m, whole space, pink noise, 12dB Crest Factor, +10dBu input level

All product specifications are subject to change without notice.