

M3 MAX WP

ALL-WEATHER LINE ARRAY

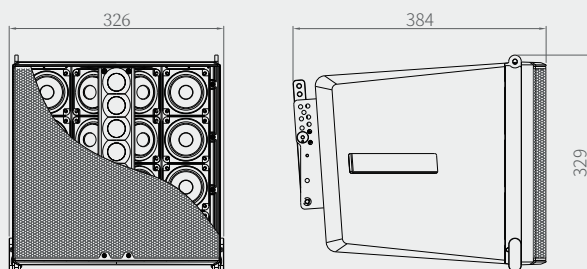
PRODUCT FEATURES

- High-performance line array element
- Actively driven by DSP rack amplifier
- Hornless design for maximum sound quality
- Balanced, dynamic sound at any volume
- High-quality rigging with self-locking, hidden pins
- Panel with quick-connect terminals
- IP56 protection rating, suitable for all-weather use
- Black, white, and customizable colors available

Applications

Outdoor fixed installation scenarios such as theme parks, cultural tourism complexes, large-scale live performances, immersive night tours, fountain and water show plazas, and distinctive tourist attractions.

PRODUCT DRAWING



PRODUCT DESCRIPTION

Developed for today's outdoor projects, M3 MAX WP combines true weather-ready construction with the natural, articulate voicing of SE's hornless M-Array approach. Its rugged, injection-moulded enclosure forms a stable, sealed shell while internal bracing keeps resonances under control. A multi-layer grille system and water-smart venting protect the acoustics from rain, spray, dust, and sun exposure, maintaining consistent performance season after season with minimal visual impact.

Beyond resilience, M3 MAX WP is engineered for coverage and efficiency. The vented system and carefully tuned array topology deliver balanced warmth, extended reach, and high intelligibility across wide audience areas. Arrays scale predictably while preserving voicing, making it straightforward to meet throw and SPL targets in larger spaces.

The flying passive elements are driven by an SE rack amplifiers with dedicated DSP presets for protection and tonal consistency, streamlining system design and reducing complexity. Connectivity is handled through a sealed, quick-connect interface for neat, reliable wiring, and the optimized three-point rigging enables fast, safe assembly with precise splay control for smooth vertical coverage. Standard finishes blend into themed environments, with accessories supporting flown arrays and architectural mounting.

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	137 Hz - 19 kHz
Frequency range (-10 dB) ¹	104 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: PG11 wire Diameter Range: 5-10 mm
Wiring	PIN1: Positive Terminal (+) PIN2: Negative Terminal (-)
MECHANICAL	
Product dimensions [H x W x D] (Including rigging)	329 x 326 x 384 mm
Net weight	9.1 kg
Packaging dimensions [H x W x D]	485 x 415 x 452 mm
Total weight	11.2 kg
Cabinet	High-strength weather-resistant polymer resins
Cabinet finishing	Black or white painting (custom color options available)
Grille	Perforated steel with acoustic waterproof and dust-proof fabric
Rigging	Three-point rigging system, 3 x SE Audiotechnik® 6 mm concealed self-locking pins
Splay angles	0.25°, 0.5°, 1°, 1.5°, 2°, 3°, 4°, 5°, 6.5°, 8°
Max. Qty of rigging (12: 1 Safety Factor, using s e original accessories)	18 pcs
ACCESSORIES	
Bumper frame	M-FTA MAX BF
Bumper frame	M-FTA MAX BF Slim
Wall Mounting Bracket	M-FXA WB

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

²IA1202D BTL into 32 ohms

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

All product specifications are subject to change without notice.