

M3 MAX WP

ALL-WEATHER PASSIVE LINE ARRAY

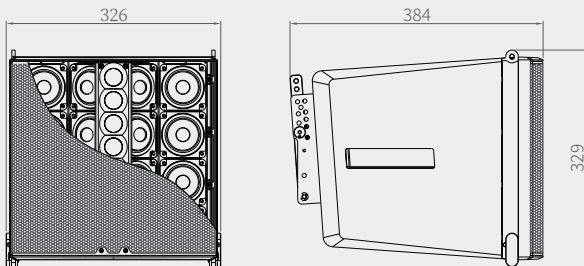
PRODUCT FEATURES

- Compact, weatherised passive line-array module for permanent outdoor use
- Hornless M-Array clarity with smooth, uniform coverage across wide areas
- Passive system design with SE amplifier presets for consistent voicing and protection
- Optimised three-point rigging for fast, safe arraying and precise coverage control
- Sealed, quick-connect interface and accessories for clean, reliable installations
- IP56 protection rating, suitable for all-weather use
- Black, white and customizable colours 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.

As a passive module, it pairs with SE rack amplifiers via dedicated 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 optimised 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 (-6 dB) ¹	120 Hz - 20 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
Peak power	2400 W
Continuous 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: 5-10mm
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°
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

²According to EIA-426B Standard (based on RMS Voltage)

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

All product specifications are subject to change without notice.