

M-F3A PLUS

PRODUCT FEATURES

- Small size, high SPL
- Hornless design line array ensures high-quality sound
- New aging resistant woofer unit
- Class D active system, plug & play setup
- Low digital signal processing floor noise
- 8-position switch, easy tuning

SPECIFICATIONS

ACOUSTICAL	
Frequency range (-3 dB) ¹	134 Hz - 19 kHz
Frequency range (-6 dB) ¹	104 Hz - 20 kHz
Frequency range (-10 dB) ¹	96 Hz - 20 kHz
Coverage angles (-6 dB) [H x V]	120° x 16°
Maximum Peak SPL ²	129 dB
Continuous Maximum SPL ²	117 dB
System type	2-way active
Crossover frequency	1.9 kHz
Transducers	MF: 8 x 2.8" drivers (0.8" voice coil) HF: 7 x 1" dome tweeters (1" voice coil)
Enclosure type	Vented box
AMPLIFICATION	
Type	Amp: Class-D with SMPS
Total power ³	600 W
Output power per channel ⁴	MF: 300 W; HF: 300 W
Protection	Short circuit, temperature
Indicators	LEDs, ON (green), SIGNAL (green), LIMIT (red), PROTECT (red)
Connectors	1 x XLR Line balance input, 1 x XLR Line balance output, 1 x PowerCON®, AC in, 20 A 1 x PowerCON®, AC output, 20 A
Wiring	Pin layout XLR: Pin 2: Signal+; Pin 3: Signal-; Pin 1: Shield Pin layout Pin layout powerCON®: Pin N: Neutral; Pin L: Conductor; Pin E: Earth, Ground
Operating voltage range	100 - 120 V~ / 50 - 60 Hz, 6A, 600 W max. 220 - 240 V~ / 50 - 60 Hz, 2.6A, 600 W max.
Input sensitivity	0 dBu
DSP	48 kHz/24 Bit with extended dynamics
Processing	Crossover, Limiter, EQ, Level, low noise AD-DA
User controls	LEVEL: 8 position rotational switch (-50, -20, -10, -6, -3, -2, -1, 0) LINE UNITS: 8 position rotational switch (1~8+)

¹ Whole space, -10dBu/ 1m

² SPL / 1m, whole space, pink noise, 12dB crest factor, +10dBu input level

³ Total power value is the sum of all individual channel output power

⁴ According to EIA-426B Standard

All product specifications are subject to change without prior notice.



PRODUCT DESCRIPTION

The M-F3A PLUS, as the new version of the ultra-compact hornless active line array system, also stays with the classic sonic characteristic of the SE M-Line. The upgraded amplifier ensures the same power output while having less power loss and lower floor noise. The new 2.8" midrange driver further enhances weather resistance for a longer lifetime.

The M-Line product consists of compact active line array modules with strong expandability and a wide range of applications—from large-scaled to medium and small size events. These flexible and compact products offer you a high-quality solution for these scenarios which only have limited space or requiring convenient transport.

MECHANICAL	
Product dimensions [H x W x D]	317 x 222 x 359 mm
Net weight	8 kg
Packaging dimensions [H x W x D]	440 x 290 x 388 mm
Total weight	9.2 kg
Cabinet	12 mm plywood
Cabinet finishing	Black polyurea coating
Grille	Powder coated perforated steel
Rigging	Three-point rigging system, 3 x SE AUDIOTECHNIK® 6 mm locking pins
Splay angles	0°, 1°, 2°, 3°, 4°, 6°, 8°
ACCESSORIES	
Bumper frame	M-F3A BF
U-bracket	M-F3A UB
Transport kart	M-F3A PRO TK 44
Flight case	M-F3A FC
Line rain cover	M-F3A PRO FRC 8/12/18
Carry-on transport bag	M-F3A CTB
Pole bar	SPS 20

PRODUCT DRAWINGS

