

M-F3A PRO

PRODUCT FEATURES

- Ultra-compact active 2-way line array element, with A4-sized baffle
- 8 x 2.8" neodymium mid frequency drivers
- 7 x 1" direct radiation dome tweeters (hornless design)
- 2 x 300 W power amplifier
- High resolution DSP
- Rigging materials included

SPECIFICATIONS

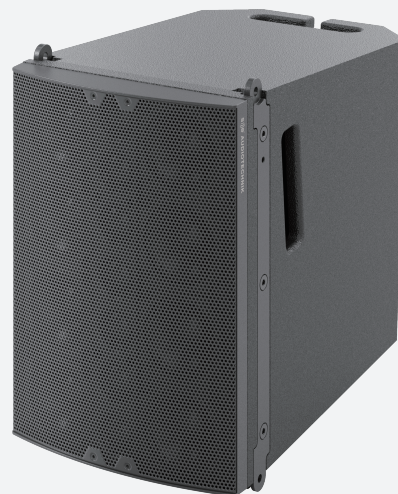
ACOUSTICAL	
Frequency range (-3 dB) ¹	140 Hz - 20 kHz
Frequency range (-10 dB) ¹	100 Hz - 20 kHz
Coverage angles (-6 dB) [H x V]	120° x 16°
Continuous Maximum SPL ²	129 dB
System type	2-way active
Crossover frequency	1.9 kHz
Transducers	MF: 8 x 2.8" drivers (0.8" voice coil) HF: 7 x 1" dome tweeters (1" voice coil)
Enclosure type	Vented box
AMPLIFICATION	
Type	Class-D with SMPS
Total power ²	600 W
Output power per channel ³	MF: 300 W; HF: 300 W
Protection	Short circuit, overheating, overcurrent
Indicators	LEDs, ON (green), SIGNAL (green), LIMIT (red), PROTECT (red)
Connectors	1 x XLR Line balance input, 1x XLR Line balance output, 1x PowerCON®, AC in, 20A 1x PowerCON®, AC output, 20A
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
AC power	100 - 240 V~ / 50 - 60 Hz
Input sensitivity	0 dBu
DSP	48 kHz/24-bit with extended dynamics Processing latency: 1.1 ms
Processing	EQ, multi-band limiting
User controls	Power: ON/OFF switch Level: 8-position rotary knob (-50, -20, -10, -6, -3, -2, -1, 0) Line units: 8-position rotary knob (1 - 8+)

¹ Measured with 12dB Crest Factor Pink Noise, whole space.

² Total power value is the sum of all individual channel output power.

³ Output power according to IEC 60268-5 standard.

All product specifications are subject to change without prior notice.



PRODUCT DESCRIPTION

M-F3A PRO is an ultra-compact, active line array system that uses a hornless design to produce crystal-clear sound without any unwanted alterations or distortion from pressure chamber effects. Thanks to the line array technology, ranges of up to 70 metres are now possible. The assertive mid and high frequencies in studio quality are dispersed horizontally at a 120-degree angle evenly across the room, while the vertical dispersion angle is 16 degrees.

MECHANICAL	
Product dimensions [H x W x D]	317 x 210 x 359 mm
Net weight	8.3 kg
Packaging dimensions [H x W x D]	388 x 290 x 440 mm
Total weight	9.5 kg
Cabinet	12 mm plywood
Cabinet finishing	Black or white 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
Flight case	M-F3A FC
Carry-on Transport Bag	M-F3A CTB
Transport kart	M-F3A PRO TK 44
Line rain cover	M-F3A PRO FRC 8 / 12 / 18
Pole bar	SPS 20

PRODUCT DRAWINGS

