AUDIOTECHNIK

M-FTA MAX

COMPACT INSTALLATION LINE ARRAY

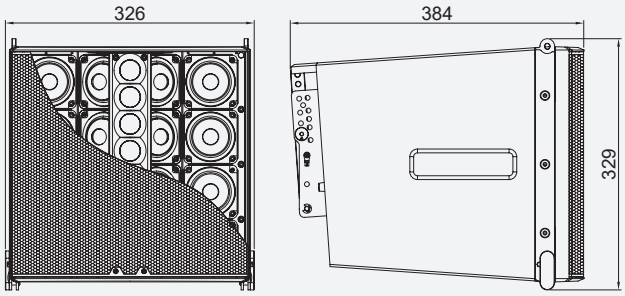


PRODUCT FEATURES

- High-performance self-powered line array
- Hornless design for superior sound quality
- Balanced,dynamic sound at any volume
- 1000 W Class-D amplifier with integrated DSP
- Discreet rigging with hidden,self-locking pins
- Available in black and white

Applications:
all installation applications requiring aesthetics,easy installation,and seamless integration.

PRODUCT DRAWING



PRODUCT DESCRIPTION

The M-FTA MAX was developed to meet the demands of challenging installation applications.This compact 2-way line array module combines an elegant design with cutting-edge technology to deliver exceptional sound quality in a small form factor.

Equipped with 16 high-efficiency 2.8" neodymium midrange drivers and eight 1" soft-dome tweeters,the M-FTA MAX ensures extended and powerful midrange coverage as well as clear and natural highs.The integrated Class-D amplifiers and high-resolution DSP ensure precise and optimal signal processing as well as sound fidelity at any dynamic level.

The enclosure is designed to be simple and robust for maximum durability. The modularity and the 3-point rigging system with a total of 3 pins,of which the front pins are self-locking,allow for easy expansion and integration into existing systems.

Thanks to its well-designed accessories,the M-FTA MAX is highly versatile.The flying frame allows secure attachment of the modules in flown applications, while the U-bracket facilitates mounting on stands or speaker stands.The stacking frame for B-Line subwoofers is particularly practical. With this frame, ground stacks of B-Line subwoofers and M-FTA MAX modules can be created to form powerful and flexible sound systems for various installation sizes.

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

[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 notice.

SPECIFICATIONS

ELECTRO-ACOUSTICAL	
Frequency range (-3 dB) [1]	135 Hz - 19 kHz
Frequency range (-6 dB) [1]	108 Hz - 20 kHz
Frequency range (-10 dB) [1]	95 Hz - 20 kHz
Coverage [H x V]	120° x 16°
Maximum Peak SPL[2]	134 dB
Maximum Continuous SPL[2]	122 dB
System type	2-way active
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
AMPLIFICATION	
Type	Amp: Class-D,Power supply: SMPS
Total power[3]	1000 W
Output power per channel[4]	MF: 500 W; HF: 500 W
Protection	Short circuit,temperature
Indicators	LEDs, | ON (green),SIGNAL (green),LIMIT (red), PROTECT (red)
Connectors	1 x XLR Line input (balanced) 1 x XLR Line output (balanced) 1 x Powercon,AC input,20A 1 x Powercon,AC output,20A
Wiring	Pin layout XLR: Pin 2: Signal+,Pin 3: Signal-; Pin 1: Shield Pin layout powerCON® : Pin N: Neutral; Pin L: Conductor; Pin E: Earth, Ground
Operating voltage range	100 - 120 V~ / 50 - 60 Hz, 8 A, 800 W max. 220 - 240 V~ / 50 - 60 Hz, 3.5 A, 800 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 (-10, -6, -5, -4, -3, -2, -1, 0) HF LEVEL: 8 position rotational switch(1~8)
MECHANICAL	
Product dimensions [H x W x D]	326 x 329 x 384 mm
Net weight	12.2 kg
Packaging dimensions [H x W x D]	485 x 415 x 452 mm
Total weight	13.6 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 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
U-bracket	M-F3A PRO MAX UB
Line rain cover	M-F3A PRO MAX FRC 8/12/16

Version 2026/08

SE AUDIOTECHNIK Head office | speaker trade | Neuenhofer Str. 42-44 | 42657 Solingen, Germany | www.se-audiotechnik.de | info@se-audiotechnik.de