

KF12MT

Full-range, multipurpose powered speaker



FEATURES

- Unique performance-to-size ratio
- Symmetrical horizontal and vertical coverage
- Angled cabinet for floor monitor use
- Integrated 35mm pole adapters for different uses
- Integrated DSP with multiple analog and digital inputs
- On-board touch screen
- Configurable fullrange powered output
- RS485 and USB connectivity for remote control

DESCRIPTION

The KF12MT is a 12" coaxial full-range, multi-purpose powered speaker and is the successor to the long serving KF12 model.

Compared to its predecessor, this portable speaker features exciting updates. The KF12MT's integrated onboard touch screen with matrix control provides intuitive managing and editing of powerful DSP controlling. Additional functionalities include: a delay up to 400ms, parametric filters for room eq, 2 analog + 2 digital inputs in AES/EBU, routing options, USB and Serial connections for remote control and a full range powered output of 1000 W on 8 Ω.

Having 2 analog or digital fully independent inputs on board can create a true stereo system using one powered and one passive KF12P speaker. Thanks to its multi-purpose function, it can satisfy many different venue requirements. It is ideally used as a stage monitor due to its wedge shape, as a stereo system with one active (KF12MT) and one passive (KF12P), or as a main PA system for small and medium size events and more.

Designed and manufactured in Italy, the KF12MT and the KF12P give uncompromising sound quality in a small footprint and are compatible with a variety of accessories.

COLORS AVAILABLE

Black



SPECIFIC RAL CODE FOR A CUSTOMIZED PAINTED MODEL



ACCESSORIES

K-F12 WALL, K-POLE1, K-DANTE-K-USB

APPLICATIONS

Corporate/AV

Broadcast/ TV Studio

Hospitality

Store

Theme Park

Theatre

House of Worship

Large Congregations

Live Concerts

Club/ DJ Set

TECHNICAL SPECIFICATIONS

	ACOUSTICS		AMPLIFIER
Speaker power handling	800 + 200 W ^(AES)	Type	1 module class D – DSP controlled
Frequency range (-10 dB)	55 – 19 kHz ⁽¹⁾	Nominal power output	2 X 1050 W @ 8 Ω 1% THD + NOISE ⁽³⁾
SPL 1W/1mt	99 dB	Protection	Dynamic Limiter , Over Current , Over Temp. Short Circuit
Maximum SPL	127 dB (cont.) – 133 dB (peak) ⁽²⁾	Frequency response	10 Hz – 25 KHz (+/- 3 dB) for 1W @ 8 Ω
	COVERAGE	Damping factor 8Ω, 100 Hz	> 500
Horizontal	70°	THD+N 1KHz, 1 W	0.010%
Vertical	70°	Thermal dissipation	1/8 of max output power @ 8Ω = 282 BTU/h (71KCal/h) 1/4 of max output power @ 8Ω = 464 BTU/h (117KCal/h)
	CROSSOVER	AC Power	
Type	Internal Passive Crossover	Nominal voltage	115 / 230 Vac auto switching
	TRANSDUCERS	Operating range	85 - 130 Vac 60Hz / 190 - 240 Vac 50Hz (Auto Switch)
Coaxial Transducer	12" Neodymium magnet Woofer with 3" voice coil	I. Nom	5.5 A / 115 Vac - 2.9 A / 230 Vac
	AUDIO INPUT	CONSUMPTION	
Analog connectors	2 male + 2 female 3-pin balanced XLR	Efficiency	>80% (typical)
Digital connectors	1 male + 1 female 3-pin XLR	¹ / ₈ rated power (pink noise) @ 4 Ω	410 W
	REMOTE CONTROL INPUT	CERTIFICATION	
Connector	1 male + 1 female XLR parallel / 1 USB B Jack serial converter	IP	20
	AUDIO POWER OUTPUT	PHYSICAL	
Connector	1 x Female 4-pin Speakon	Dimensions	39 cm x 52.2 cm x 36.5 cm (15.37" x 20.55" x 14.38 ")
Wiring	Pin1+= CH1+ Pin1- = CH1- Pin2+= N.C. Pin2= N.C.	Weight	19.6 Kg (43.21 lb)
	Power Input		
Connector	2 x PowerCon (IN + OUT/LINK)		

Notes for data
 1. With Dedicated preset
 2. Measured with musical signal
 3. EIAJ Test Standard, 1KHz, 1%THD

New materials and design are introduced into existing products without previous notice. Present systems may differ in some respects from those presented in this catalogue.

