DATASHEET

PRELIMINARY

Firenze-KX12F

12" Coaxial Stainless Steel Array Element

K-ARRAY
Unique Audio Solutions

Firenze-KX12F

DESCRIPTION

The KX12F is a coaxial point-source speaker, featuring a 12" woofer and a 1.7" compression driver. This new iteration pushes the iconic KX12 to even greater performance levels, delivering a peak SPL of 134 dB and a rated power of 1200W. It combines immense power with compactness, making it a perfect match for the Firenze family, and fully compatible with the Firenze-KH7P line array.

Built with a durable stainless steel cabinet and the signature wide-mesh grille, the KX12F houses an adjustable waveguide that allows for precise vertical and horizontal coverage. This flexibility enables coverage angles to be adjusted from 30° to 90°, providing tailored sound dispersion to suit various venues and applications. Whether used as a standalone speaker or in conjunction with the Firenze-KH7P line array, the KX12F enhances both the frequency response and the overall performance of the system. Its reliability and power make it ideal for high-performance sound applications. It is particularly well-suited for DJ monitoring or distributed sound systems in clubs and dancefloor environments.

FEATURES

- Coaxial 12" woofer + 1.7" compression driver
- Simplified hardware design
- 134 dB (peak) Max SPL
- 1200 W power rated
- User selection V./H. 30°/90° | 90°/30°
- 2 x SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)
- Horizontal and vertical array configurations
- Stainless Steel cabinet
- Discreet looking grill
- IP54 rating
- 14kg

APPLICATIONS

- Hospitality, Live & Events, Clubbing

COLORS AVAILABLE

Black Cabinet Custom RAL finish horn

All KX12F components are designed and custom-made by K-array's R&D department, adhering to the company's stringent quality control standards.

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TECHNICAL SPECIFICATIONS

Type	Point source
Transducers	Coaxial 12" woofer + 1.7" compression driver
Frequency Response[1]	121 Hz - 18 kHz (-6dB)
Max SPL[2]	134 dB (peak)
Coverage	User sel. V./H. 30°/90° I 90°/30°
Power Handling	1200 W
Nominal Impedance	8 Ω
Connectors	2 x SpeakOn NL4 1+ 1- (signal); 2+ 2- (through)

HANDLING & FINISHES

Material	Stainless Steel
Color	Black, Custom RAL
IP Rating	IP54
Dimensions (WxHxD)	351 x 350 x 203 mm (13.8 x 13.8 x 8 in)
Weight	14kg

1. With dedicated preset.
2. Maximum SPL is calculated using a signal with crest factor 4 (12dB) measured at 8 m then scaled at 1 m.

Notes:
Passive loudspeakers require dedicated presets loaded onboard K-array amplifiers.
New materials and designs are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this catalog.