

EF Series

Specification

This product is a high-quality series developed by the Studiomaster R&D team in the UK specifically for the international market. The drivers are customized products designed by the UK R&D center according to on-site usage requirements, featuring gorgeous and clear sound quality. All accessories in this series are supervised and commissioned by the Studiomaster R&D institution in the UK and manufactured by the Soundking Group in China.

The cabinet materials are all made of special damping material plates, with a concave-convex complementary structural design. The CNC-processed cabinet dimensions are repeatedly optimized and debugged according to acoustic features. The cabinet is coated with environmentally friendly water-based paint, which increases elasticity, provides a fine texture, and is resistant to wear and impact.

KEY Features

- The horn, customized with special materials, helps reduce sound coloring and provides a warm and realistic sound.
- The tweeters of EF-10/EF-12/EF-12P all adopt **44.4-pin customized high-frequency compression driver units**; the bass driver chassis features improved heat dissipation efficiency and reduced power compression under high sound pressure, with specially treated diaphragm materials to ensure mid-frequency transparency and make the low frequencies more full and powerful.
- EF-15 features a **100-pin neodymium driver for the bass and a 75-pin neodymium driver for the treble**, ensuring high-standard resolution of vocals and music clarity. It effectively delivers delicate and soft tones under high dynamic operating conditions. This product has undergone years of field application testing in Europe, demonstrating the superior quality of neodymium drivers.
- The loudspeaker is equipped with **multiple flying points**, providing diverse flying methods for fixed installation locations.

Application Scenario

Suitable for various multi-purpose sound reinforcement environments.



EF-15

EF-12P

EF-12

EF-10

Specification

	EF-10	EF-12
Name	10" two-way loudspeaker	12" two-way loudspeaker
Frequency response (~10dB)	40Hz ~ 20kHz	40Hz ~ 20kHz
Max SPL	120dB	129dB
Sensitivity (1W@1M)	98dB	99dB
Rated power	(Continuous) 350W	(Continuous) 500W
Maximum power	700W	1000W
Rated impedance	8Ω	8Ω
Input method	2 x SPEAKON	2 x SPEAKON
LF unit	10" woofer / φ65mm voice coil	12" woofer / φ75mm voice coil
HF unit	Compression driver / φ44mm voice coil	Compression driver / φ44mm voice coil
Dimension (W x D x H)	310 x 345 x 530mm	365 x 405 x 600mm

	EF-12P	EF-15
Name	12" two-way loudspeaker	15" two-way loudspeaker (Both high and low frequencies utilize high-power neodymium drivers)
Frequency response (~10dB)	40Hz ~ 20kHz	40Hz ~ 20kHz
Max SPL	131dB	136dB
Sensitivity (1W@1M)	99dB	99dB
Rated power	(Continuous) 500W	(Continuous) 550W
Maximum power	1000W	1100W
Rated impedance	8Ω	8Ω
Input method	2 x SPEAKON	2 x SPEAKON
LF unit	12" woofer / φ75mm voice coil	15" neodymium woofer / φ75mm voice coil
HF unit	Compression driver / φ44mm voice coil	Compression driver / φ75mm voice coil
Dimension (W x D x H)	365 x 405 x 600mm	450 x 470 x 700mm