



FI-CT5

High Performance 1 x 5" Full-range speaker



The FROG-IS FI-CT5 is a professional 1×5" full-range loudspeaker tailored for high-standard speech amplification and indoor audio reinforcement scenarios.

It integrates optimized acoustic design, compact structure, and reliable performance, ensuring clear sound transmission, balanced frequency response, and flexible application, which well meets the audio needs of various indoor spaces.

Product Features

- Point Source & Phase Correction Design

The FI-CT5 is specially developed for high-demand speech amplification occasions. Adopting a phase correction technology and full-range speaker structure, it realizes the point source design. Although an ideal full-range unit that transmits all frequencies from one point is hard to achieve in reality, after multiple experiments, the 5 inch full-range unit of the FI-CT5 achieves a frequency bandwidth of 100-18 kHz, ensuring coherent sound propagation and accurate sound localization, which effectively improves the clarity of speech transmission.

- Excellent Acoustic Performance

With a sensitivity of 96 dB (1W/1m), the FI-CT5 can produce clear sound with low power input. Its rated power of 100 W (AES) ensures stable operation under long-term use, while the maximum sound pressure level of 114 dB (continuous) and 120 dB (peak) provides sufficient sound pressure to cover medium-sized indoor spaces, avoiding sound distortion even in relatively crowded environments.

- Compact & Lightweight Structure

The FI-CT5 has a compact size of 152×152×152 mm and a net weight of only 2.5 kg, which is convenient for installation and deployment. The M8 suspension points allow flexible hanging installation, and its small size also makes it easy to place in limited spaces without affecting the overall layout of the site.

- Stable Connection & Wide Adaptability

Equipped with ordinary binding posts, the FI-CT5 can stably connect with various audio equipment (such as power amplifiers, mixers), facilitating integration into different audio systems. Its sealed enclosure structure also helps to reduce external noise interference and improve the purity of sound output.

Products Applications

- Conference rooms
- Auxiliary sound reinforcement in multi-functional halls
- Auxiliary sound systems in conference halls and theaters
- Indoor venues such as restaurants and shopping



Product Specification

Specifications	
System Type	1×5" Full-Range Loudspeaker
Frequency Response	140 Hz - 18 kHz (-10 dB)
Sensitivity (1W/1m)	96 dB
Nominal Impedance	8 Ω
Rated Power	100 W (AES)
Full-Range Unit	Neodymium magnet, 1×4.5" full-range speaker with 25 mm voice coil
Enclosure Structure	Sealed Enclosure
Nominal Coverage Angle (H×V)	60°×60°
Maximum Sound Pressure Level (SPL)	114 dB (continuous), 120 dB (peak)
Suspension Components	M8 suspension points
Connection Socket	Standard Binding Posts
Dimensions (W×D×H)	152×152×152 mm
Net Weight	2.5 kg

