



FP12

12-inch Compact Active Full Range Speaker



Product Features

- High-power 2-way PA sound reinforcement speaker system for live and playback applications
- Ultra-compact and light weight system delivers excellent sound even at extreme sound pressure levels
- Extremely Efficient 12" woofer driver provides incredibly deep bass and acoustic power
- Precise 1" compression driver for exceptional high- frequency reproduction
- Ultra-wide dispersion
- Overload-protection circuitry ensures optimal HF driver protection
- Versatile trapezoidal enclosure design allows different positioning
- Stand mounting with 35- mm pole socket
- Tilts on its side for use as a floor monitor
- Rugged ABS box provides strength and manageability
- Ergonomically shaped handles for easy carrying and setup
- Designed, engineered and tuned in Italy

Product Applications

The FP12 is ideal for mobile and installed applications. It is an excellent choice for a wide variety of applications, including retail stores, restaurants, health clubs, theme parks, educational facilities, hospitality, music cafes, leisure venues, and anywhere where a top-quality high output indoor/ outdoor foreground/ background music (and/or paging) speaker is required.

FROG-IS FP12 is the first choice for demanding musicians and DJs who work in loud environments.

A multi-purpose speaker system, fully equipped to serve as a main PA, a stage monitor, a distributed audio system and other applications.

The FP12 delivers punchy, assertive sound.

Its integrated dual channel Class D amplifier (400 Watts) provides high performance and very high sound pressure levels with an exceedingly dynamic, tight and clean response.

Loaded with high quality speakers, it provides premium audio performance with maximum reliability and minimum power compression that is easy to install.

A strong-built and robust construction designed to handle high loads, rendering lead vocals, guitars, electronic instruments, and playback tracks with power and authority, easily delivering sound across medium-to-longer distances.

The FP12 features provide musicians and audiences with an excellent acoustic experience, even on the most demanding stages.



Product Specification

Acoustic parameters	
Frequency Response	50 Hz - 20 kHz (± 3 dB)
SPL 1W/1mt	99 dB
Maximum SPL	125 dB @ 1 m Peak
Coverage	
Horizontal	90°
Vertical	70°
Speaker unit	
Woofer	12" Woofer
Tweeter	1" HF driver, loaded horn
Preamplifiers and Processors	
Input sensitivity	Mic In: 8 mV
	Line In: 125 mV
Input resistance	Mic In: 650 Ω Unbalanced - 1.3 k Ω balanced
	Line In: 10 k Ω unbalanced - 19 k Ω balanced
Crossover	Crossover: 2.3 kHz Slope: 24 dB/octave
Protection	Overheat protection, overload protection
Music Equalization	+3 dB @ 75 Hz
	+3 dB @ 11 kHz
	Power, Signal, Limiter
Power amplifier	
Amplifier power	LF: 350W
	HF: 50W
Distortion	< 0.1% THD at rated power
Amplifier protection	Overheat protection, overload protection, short circuit protection
Input voltage	
Rated voltage	100 / 240 \pm 10%, 50/60 Hz PFC 95
Work environment	125 Vac./ 195 - 250 Vac. (optional)
Physical properties	
Installation	Lockable 1-3/8" (35mm) Stand Mount
Fixed installation	M8 screw installation (3 points)
Input	1 XLR and 1/4" TRS balanced input
Output	1 XLR balanced output
Net weight	15 kg (33.07 lbs.)
Dimensions Width/Height/Length	40 cm x 60 cm x 35 cm (15.75" x 23.62" x 13.78")

