



# FP12

Compact self-powered full range speaker



## Features

- High-power 2-way PA sound reinforcement speaker system for live and playback applications
- 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

## 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.

The 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 also 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.



# Specifications

<b>Acoustics</b>	
Frequency range	50 Hz - 20 kHz (± 3 dB)
SPL 1W/1mt	99 dB
Maximum SPL	125 dB @ 1 m peak
<b>Coverage</b>	
Horizontal	90°
Vertical	70°
<b>Transducers</b>	
Low Frequency	12" woofer
High Frequency	1" compression driver, horn loaded
<b>Preamp and Processors</b>	
Input Sensitivity	Mic In: 8 mV
	Line In: 125 mV
Input Impedance	Mic In: 650 Ω unbalanced - 1.3 kΩ balanced
	Line In: 10 kΩ unbalanced - 19 kΩ balanced
Crossover	Frequency: 2.3 kHz Slope: 24 dB/octave
Speaker Protection	Thermal, Over-excursion
Music Equalization	+3 dB @ 75 Hz
	+3 dB @ 11 kHz
	Power ON, Signal, Limiter
<b>Amplifiers</b>	
Amplifier Power	LF: 350 W RMS
	HF: 50 W RMS
Distortion	< 0.1% THD at rated power
Amplifier Protection	Thermal, Limiter, Short circuit
<b>AC Power</b>	
Nominal voltage	100 / 240 ± 10%, 50/60 Hz with PFC 95
Operating range	125 Vac. / 195 - 250 Vac.
<b>Physical</b>	
Mounting	Lockable 1-3/8" (35 mm) stand mount
Rigging Inserts	3 points, accepts M8 threaded hardware
Input Connector	1 XLR and 1/4" TRS balanced
Output Connector	1 XLR balanced
Net Weight	15 kg (33.07 lb)
Dimensions W/ H/ D	40 cm x 60 cm x 35 cm (15.75" x 23.62" x 13.78")

