

MP2A

2 x 12" Active Subwoofer

FEATURES

- Compact active sub enclosure equipped with dual 12" low-frequency drivers.
- 137dB Max SPL (Peak).
- Frequency Response of 30Hz - 380Hz (± 3 dB).
- Internal 3600W RMS 2 Channel Amplifier.
- Integrated rigging system for linking to MP42.
- Provision for mounting MP42 via integrated pole mount socket with MINIPOWER-Q1.

APPLICATIONS

- Portable live sound reinforcement.
- Small live music venues
- Clubs
- Theatres
- Houses of Worship
- Corporate Events
- Small Concerts and Touring



DESCRIPTION

The MP2A features dual 12-inch low-frequency HH drivers, delivering a maximum peak SPL of 137dB and low-frequency extension down to 30Hz. The MP2A is designed to link effortlessly to MP42 array cabinets, providing a compact, active solution for fast, simple deployment, with the internal 2-channel 3600W amplifier powering the internal woofers and feeding out to MP42 array cabinets.

The MP2A incorporates a built-in 32-bit DSP processor with 48kHz/24-bit AD/DA conversion, providing precise system optimisation and control. DSP functions include EQ, delay, phase, HPF and LPF filtering, limiting and gating.

Six optimised presets enable fast configuration for common applications and venue types. All presets can be accessed via the rear panel. The MP2A is designed to link effortlessly to MP42 array cabinets, providing a compact, active solution for fast and simple deployment.

Accessories for the MP2A include MINIPOWER-FLB for flying and ground support, and the MINIPOWER-Q1 pole mount adaptor for connecting MP42 to MP2A.



Specifications

System type	Dual 12" Active Powered Subwoofer
Frequency Response	45Hz - 300Hz(± 3 dB) 30Hz - 350Hz(-10dB)
Maximum SPL	131dB Continuous, 137dB Peak
Total System Amplifier Power Rating	3600W RMS.
Speaker	
LF Driver	2 x 12" low-frequency driver
Amplifier	
THD+N	<0.2%
Frequency Response	10Hz - 20kHz(± 1 dB)
Input impedance	20k/10k
Signal-to-noise ratio	>100dB
Crosstalk	>70dB
Damping factor	>300
Subwoofer Amplifier Power Rating	1200W/8 Ω RMS, 1800W/4 Ω RMS
Satellite Amplifier Power Rating	1200W/8 Ω RMS, 1800W/4 Ω RMS
Output Stage	Class D
Safety	Short circuit, Overheating, Overload
Amplifier Gain	35dB
DSP	32-bit DSP processor with 48kHz/24-bit AD/DA conversion
AC Power	100-240 VAC, 50/60 Hz.
Enclosure	
Cabinet	Acoustically optimised plywood cabinet with extensive internal bracing to eliminate vibrational modes
Finish	Hard-wearing black paint
Grille	Black perforated steel, Hexagonal mesh, acoustic foam lined
Fittings	4 x Side handles, 1 x Top handles, 1 x Bottom handles, Rigging system, Pole-mount socket, Provision for castors
Mounting Bracket	MINIPOWER-FLB - Flying bracket and ground support frame. MINIPOWER-Q1 - Pole mount adaptor.
Rigging	5-point rigging system
Connections	
Connectors	2 x XLR Input, 2 x XLR Link Output, powerCON® power input, powerCON power Link Output, USB, RS485, 1 x speakON® NL4(Power output)
speakON Pin Connections (Output)	1+/-
Dimensions (H/W/D)	670 x 350 x 550mm
Weight	41kg



DIMENSIONS

