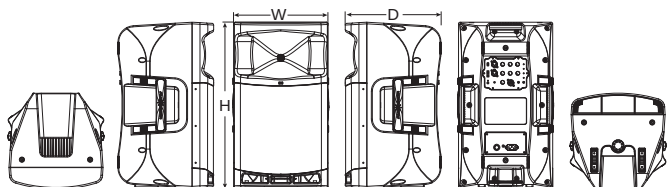


MA12



1600W
Watts Peak



Dimension(W×H×D):345×610×352mm

PRODUCT PROFILE

MA12 full range DSP-controlled loudspeaker, is molded and made from new polypropylene composite material, with fashionable design and supreme performance. Audiocenter BrainCore™ Technology, provides the best sound quality by analyzing and processing input signal, integrated Class D amplifier and DSP module optimally, improving the audio performance of the system significantly. Built-in Bluetooth, link with various smart devices easily.

MA12 can be used as PA loudspeakers and stage monitor. There are multiple ways of mounting and installation, for example, pole mount with a three-feet stand, or hanging installation.

SPECIFICATION

Frequency Response(-10dB)	50Hz-20kHz
Horizontal Coverage	80°
Angle (Symmetrical)	
Vertical Coverage	50°
Angle (Symmetrical)	
Maximum Calculated	125dB/131dB
SPL/1M(Continuous/Peak)	
HF Driver	Customized driver, 1.0"exit, 1.4"voice coil
LF Driver	Customized 12" driver, 3"voice coil
DSP	
Processor	48kHz signal sampling frequency
AMPLIFIER	
Amplifier Circuitry	Class D
Power(RMS standards)	800W
Peak Power	1600W
Frequency Response	20Hz-20kHz(±0.5dB)
(1W 8Ω 2ch)	
Intermodulation Distortion	<0.05%
(20Hz-20kHz, half power)	
Total Harmonic Distortion	<0.05%
(20Hz-20kHz, Rated power 8Ω)	
Cooling System	Cooling with fans, air convection
Protection	DC protection, short circuit protection, overheat protection, input overload protection, output overload protection, soft startup protection, overvoltage protection, undervoltage protection
Output / Input	
Signal Input	2×female XLR(Mono jack 6.35), 1×wireless bluetooth, 1×Mini jack 3.5
Signal Output	1× male XLR
Power Input	IEC power connector
AC Power Operating Range	100-240V~ (±10%, 50/60Hz)
Power consumption	55W
(1/8 output power)	
CABINET	
Cabinet	New polypropylene composite material
Cabinet Color	Black is the default color
Grille	Iron mesh
Handles	2 side,1 top
Monitor Angle	Symmetrical 45° monitor angle
Hanging Hardwares	M8 screw
Pole Mount	Base hole Φ35mm
Speaker Dimension (W×H×D)	345×610×352mm
Carton Dimensions (W×H×D)	405×680×405mm
Net Weight	14.0kg
Shipping Weight	17.5kg

SUGGESTED APPLICATION



SYSTEM CONFIGURATION

- MA subwoofer or the same type of subwoofer

INSTALLATIONS

