



DESCRIPTION

The Magma 12 is a multi-function loudspeaker very compact for mobile and fixed installation applications, especially where high SPLs needed. A customized 12" LF transducer and a 1.7" HF driver on rotatable horn produce a maximum output of 129 dB SPL. The system will comfortably exceed most comparable devices performance. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setup with very low distortion and power compression. Magma 12 is ideally for main PA system alone or copied with a LSS sub woofer. Possibly also to use as a floor monitor.

The pilotage need only one amplifier channel, the frequency splitting being accomplished by the low-loss passive filter passive crossover network inside the enclosure engineered and manufactured with top grade components, including coils with very low resistance and metalized polypropylene capacitors. It also features circuitry to protect the HF component against excessive current and voltage, Personalized setup available for Powersoft system amplifier. The cabinet is from Baltic birch features craftsmanship protected by an epoxy powder coated, resonance-free steel grill over acoustically transparent foam. Every cabinet is coated with a high-tech black textured polwater scratch free finish and custom RAL is possible on request. The system includes mounting hardware, compatible with various separately available mounting brackets.

FACILITIES

Auditorium, concert halls, houses of worship, shopping centers, conference rooms, sport facilities, retail stores, industrial, commercial and leisure projects, pubs, bars and cafes, small theatrical installations, schools malls hotels.

APPLICATIONS

Main PA Systems, Monitor System, Delay and Stage fill.

PERFORMANCE

Frequency Response -10 dB 60 Hz – 22 kHz
 Nominal Dispersion 90° x 40° (H x V)
 Impedance (Nom) 8 Ω
 Watts AES Continuous 500 W/Peak 1200 W
 Maximum SPL Output calculated 129 dB SPL

PHYSICAL

Component Low 12" woofer
 Component High 1.7" diaphragm compression driver
 Loading Low Bass-reflex
 Loading High 1" Rotable Horn
 Connectors 2 x NL4 PAR Pins 1+/-
 Cabinet Material Baltic birch plywood
 Cabinet Finish Black polywater coating
 Grill Epoxy powder coated
 Installation Points 8 x M6
 Pole Mount 35 mm socket
 Height 600 mm
 Width 390 mm
 Depth 350 mm
 Weight 20.5 kg

DIMENSION 12

