



**M14**



**DESCRIPTION**

The Magma 14 is a multi-function compact loudspeaker for mobile and fixed installation applications, especially where high SPL is needed. Magma 14 can be used for main PA system or as a floor monitor. A customized 14" LF transducer and a 3" compression driver on rotatable horn produces a maximum output of 132 dB SPL. The unit will comfortably exceed the performance of most comparable devices loaded with 15" LF drivers. The extraordinary power handling capability of this Magma system means that it can comfortably and reliably reproduce a range of program setups with very low distortion and power compression. 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 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 polywater 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 55 Hz – 22 kHz  
Nominal Dispersion 80° x 60° (H x V)  
Impedance (Nom) 8 Ω  
Watts AES Continuous 800 W/Peak 2000 W  
Maximum SPL Output calculated 132 dB SPL

**PHYSICAL**

Component Low 14" woofer  
Component High 3" diaphragm compression driver  
Loading Low Bass-reflex  
Loading High 1 1/4 Rotable Horn  
Connectors 4 x NL4 PAR Pins 1+/1-  
Cabinet Material Baltic birch plywood  
Cabinet Finish Black polywater coating  
Grill Epoxy powder coated  
Installation Points 8 x M6, 6 X M8  
Pole Mount 35 mm socket  
Height 680 mm  
Width 420 mm  
Depth 380 mm  
Weight 26.3 kg

**DIMENSION 14**

