

Mobius Top 12A

Compact 12" + 1.5" High performance active Mid-Top

Preliminary info

- Powerfull transducers with NdFeB Motors
- Large format compression driver with 3" Diaphragm
- 12" Midbass + 1.5" HF Driver
- Low weight
- Compact design
- Ultra low distorstion
- High performance Amplifier with DSP

The Mobius Top 12A is a bespoke design by Nexus-Acoustics, for use in high-end mobile Dj or Live music applications on small to medium events. Only the best materials and the latest technologies were used in both the manufacturing process and the design stage of the product.

All Nexus-Acoustics speakers are manufactured by hand, in Romania by a small team of specialized and passionate people, and are the result of many years of real field experience.

Nexus-Acoustics started in 2003 by designing and manufacturing custom speaker systems from the ground up for a variety of applications: from small mobile Dj systems to large scale flown point source and line array systems.

Mobius Top 12A is a self powered speaker that can be used as a full-range or as a high performance mid-top. The mid-bass section is designed around a special 12" transducer that uses a 3" voice coil and a NDFeB motor optimized for very high efficiency. The compression driver uses a state of the art 3" diaphragm /phase-plug assembly that has a much more pronounced curvature. This feature minimizes the distortion caused by the different modal nodes present in regular domes. Also ferro-fluid has been added to the magnetic gap to further linearize the output and increase the thermal inertia. The final product is able to withstand very high loads before thermal failure. The amplifier module has been developed by Powersoft, one of the leading manufacturers of high performance amplification and DSP solutions. The available power reserve for the transducers is 1000W RMS into 8 ohms and is a perfect match for the internal speakers. The internal amplifier is equipped with a state of the art DSP with 4 internal presets already stored.

The standard finish is Black water based textured paint. Various other colors are available and can be chosen.

Mobius Top 12A is ideally suited for use with the Mobius Sub15A for small to medium indoor applications.



Technical Specifications

Configuration:	1x 12" + 1.5" Driver
RMS Power:	1000W Active Module
Program Power:	-----
Impedance:	8 Ohm Nominal
Dispersion:	90x60 Degrees
Sensitivity:	100dB/1W
Frequency response:	60Hz-19500Hz (-6dB)
Weight:	23Kg
Dimensions (WxHxD):	400x650x350mm
Material:	13 Ply Birch Plywood
Finish:	Black textured paint