EVOCA HP300B

HIGH-POWER 2-WAY 12” PROJECTOR SPEAKER FOR OUTDOOR (BLACK)

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There are many fixed outdoor applications that require high-power / wide coverage sound projectors. In these cases, traditional horn speakers do not offer the required audio spectrum, for example, for background music or other high-quality audio contents in big spaces like parks, production facilities, sports fields, shopping center parking lots, etc.

Since HELVIA's EVOCA HP series projectors are designed as 2-way coaxial speakers with vented ports and a fixed 90° x 60° (H x V) waveguide, they are essentially high-power speakers but built to offer an IP65 rating and last overtime, even when exposed to the elements.

The series consists of two models: one with 150W RMS power output and an 8" woofer and a 1" HF driver (EVOCA HP150) and the other with 300W RMS power output and a 12" woofer and a 1.7" HF driver (EVOCA HP300). Sensitivity (1W@1m) ranges from 96dB to 99dB, resulting in sound pressure levels typically found in portable and/or rental audio systems.

Although these projectors are equipped with internal 70V and 100V line transformers with 5 selectable power levels, they can easily be driven by low-impedance (8ohm) power amplifiers.

The IP65 rating is ensured both by the grille and mounting bracket, which are treated against humidity and rust, and by the high-quality UV-resistant plastic materials used for the external structure and internal components. All this with a view to maximum durability over time even if constantly exposed to the elements.

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70V-100V Line Low Impedance 2-Way Speaker Coaxial Speaker IP65

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PRODUCT DETAILS

KEY FEATURES

- Long-range sound projection
- Ideal for extended sound coverage in outdoor spaces
- 12" high-power woofer
- HF horn-loaded driver designed for high sound pressure levels
- 70V/100V transformer with selectable power settings and 8 Ohm output
- IP65 protection for all weather conditions
- Multi-layer protective grille and baffle made of high-quality engineering plastic
- Reliable and long-lasting performance in humid outdoor conditions

SPECIFICATIONS

RMS Power	300W
Impedance	8 ?
Sensitivity (1W@1m)	99 dB
Frequency Response	50Hz-20kHz
Woofer Type	1×12" (300 mm)/3" voice coil
Tweeter Type	1×1.7" (44 mm)/1.7" voice coil
Dispersion (HxV)	90°×60°
Cabinet Material	Polypropylene
Grille Material	Steel with two-layer foam protection

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Input Connector	4-Position grid type terminal
Transformer (70V/100V)	38W-75W-150W-300W + 8ohm output
IP Rate	IP65
Finish	Black
Dimension (with bracket)	420 x 426 x 393 mm – 16.53 x 16.77 x 15.47 inches
Weight	21 kgs – 46.3 lbs.
Packing Size	54 x 53 x 45 cm
Shipping Weight	23 kgs – 50.71 lbs.

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