

## EVOCA HP150B

# HIGH-POWER 2-WAY 8" PROJECTOR SPEAKER FOR OUTDOOR (BLACK)

### EVOCA HP150B

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

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PRODUCT DETAILS

KEY FEATURES

- Long-range sound projection
- Ideal for extended sound coverage in outdoor spaces
- 8" 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           | 150W                                 |
| Impedance           | 8 ?                                  |
| Sensitivity (1W@1m) | 96 dB                                |
| Frequency Response  | 70Hz-20kHz                           |
| Woofer Type         | 1×8" (200 mm) / 2" voice coil        |
| Tweeter Type        | 1×1" (25 mm) / 1" voice coil         |
| Dispersion (HxV)    | 90°×60°                              |
| Cabinet Material    | Polypropylene                        |
| Grille Material     | Steel with two-layer foam protection |

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|                                           |                                                   |
|-------------------------------------------|---------------------------------------------------|
| <b>Input Connector</b>                    | 4-Position grid type terminal                     |
| <b>Transformer (70/100V)</b>              | 19W-38W-75W-150W + 8ohm output                    |
| <b>IP Rate</b>                            | IP65                                              |
| <b>Finish</b>                             | Black                                             |
| <b>Projector Dimension (with bracket)</b> | 309 x 317 x 352 mm – 12.16 x 12.48 x 13.86 inches |
| <b>Weight</b>                             | 11 kgs – 24.25 lbs.                               |
| <b>Packing Size</b>                       | 40 x 40 x 41 cm                                   |
| Packing Weight:13,2 kgs – 29.1 lbs.       |                                                   |