

AMBIT-13

LOUDSPEAKERS

Commercial Loudspeakers



A&E SPECIFICATIONS

The loudspeaker shall be a 2-way wall-mount type consisting of a 3.5" woofer and a 0.5" tweeter suitable for 70/100 V line or low impedance installations. The power handling should be 25 W RMS at a nominal impedance of 8 Ω with a peak power handling of 400 W. It shall include a multi-tapping line transformer with tapings 100V: 15W / 7,5W / 5W / 2,5W / 8 Ω and 70V: 7,5W / 5W / 2,5W / 1,25W / 8 Ω .

The effective frequency range (± 10 dB) shall be from 120 Hz-22 kHz. The sensitivity shall be 87 dB considering 1 W input signal at 1 meter distance. The maximum continuous sound pressure level shall be 101 dB, while the maximum peak pressure level shall be 107 dB considering the loudspeaker's rated power. The coverage angle shall be 180°x 180° (HxV) coverage pattern.

The enclosure shall be made of ABS plastic and the grill shall be made of aluminium. It shall be IP54 rated for outdoors installation. It shall come available in both white (RAL9016) and black (RAL9005) colours. Connection shall be made via spring loaded input terminals, including on-wall hardware, safety sling, screws and wrench for fast installation, and waterproof rubber cover for connectors.

The loudspeaker shall have a width of 120 mm, a high of 120 mm and a depth of 117 mm. The weight shall not exceed 1.275 kg. It shall have data files available that can be used with EASE acoustic simulation software.

The loudspeaker shall be the ECLER AMBIT-13.