

# NIC-8

## LOUDSPEAKERS

*In-ceiling / In-wall Loudspeaker*



### A&E SPECIFICATIONS

The in-ceiling / in-wall installation loudspeaker shall be a high-performance 2-way type consisting of an 8" woofer and a 1" steerable dome tweeter, suitable for 70/100 V line or low-impedance installations. The power handling shall be 70 W RMS at a nominal impedance of 8  $\Omega$ , with 140 W program power and 280 W peak power. It shall include a line transformer with tapings for 70 W / 35 W / 17.5 W / 8.75 W (100 V) and 35 W / 17.5 W / 8.75 W / 4.37 W (70 V).

The effective frequency range ( $\pm 10$  dB) shall be 59 Hz to 20 kHz. The sensitivity shall be 88 dB, while the maximum continuous sound pressure level shall be 106 dB and the maximum peak 112 dB at 1 meter. The nominal dispersion shall be a 151° conical coverage pattern at -6 dB.

The enclosure shall be made of ABS plastic, and the front grill shall be made of iron, magnetically attached and featuring a removable logo. The loudspeaker shall be IP66 rated. Mounting shall be possible using three rotating tabs. Connection shall be made via 4-pin Euroblock connector, mounted on the front of the baffle. Accepts cable sizes from 18 AWG (0.8 mm<sup>2</sup>) to 14 AWG (2.5 mm<sup>2</sup>).

The loudspeaker shall have an external diameter of 314 mm, a required depth greater than 200 mm, and a weight not exceeding 4 kg. The recommended cut-out diameter shall be 278 mm.

The loudspeaker shall be the ECLER NIC-8.