

Model No.

8C10MRB-T72

8" Moisture-Resistant Driver & Transformer

For utility paging and low level background music systems that may be subject to high humidity such as greenhouses, locker rooms, hot tub areas, restaurants, cafes and similar indoor or outdoor areas protected from direct exposure to elements (rain, snow, sun, etc.).

Construction & Features

- 8" single cone driver with 10 oz. magnet, 1" voice coil, and cotton cloth cone that's treated with phenolic resin and coated with acrylic lacquer for moisture-resistant performance. A stamped 20-gauge steel basket with zinc-plated finish to prevent rust and corrosion.
- Mounted and wired 70/25V dual voltage transformer (No. TLM-572) with taps at 0.25, 0.5, 1, 2, 5W.



A&E Specifications

The moisture-resistant 8" single cone driver with mounted transformer shall be AVLELEC Model No. 8C10MRB-T72. It shall be the permanent magnet type with a cotton cloth cone treated with phenolic resin and coated with acrylic lacquer for moisture resistant performance. The voice coil shall have a diameter of 1" and operate in a magnetic field derived from a strontium ferrite (ceramic) magnet having a nominal weight of 10 oz. Voice coil impedance

shall be 8ohms. Rated power capacity shall be 15 watts RMS. The frame shall be stamped 20-gauge steel with overall diameter of 8.062" and eight obround holes equally spaced at 45 degrees on a 7.625" diameter mounting bolt circle. External metal parts shall be zinc-plated to resist rust and corrosion. The mounted transformer shall be 70/25V dual voltage with primary taps at 0.25, 0.5, 1, 2 and 5W. The driver with transformer assembly depth shall not exceed 2.84". It shall be capable of producing a uniform audible frequency response over the range of 75Hz-7.5kHz (+6dB) and 50Hz-20kHz (+17.8dB) with dispersion angle of 90 degrees @2000Hz (-6dB). Average sensitivity shall measure 96.8dB (SPL at 1W/1M).

Driver + Transformer Specifications

Driver + Xfmr. No's.	Driver Power Rating	Driver Magnet	Transformer Taps	Assembly Frequency Response	Assembly Dispersion @2000Hz Octave	Assembly Sensitivity	Assembly Mounting Depth *	Max SPL
8C10MRB + TLM-572	15W	10 oz.	.25, .5, 1, 2, 5W @70/25V	75Hz-7.5kHz (+6dB) 50Hz-20kHz (+17.8dB)	90 degrees conical (-6dB)	96.8dB Avg SPL	2.84"	103.8dB **

* Minimum enclosure depth required for assembly to be rear-mounted to grille. ** Calculated value 1M @ maximum transformer tap (5W). Additional information available on specification sheet for Driver No. 8C10MRB