



LA880i

Architectural Specifications

The loudspeaker shall be a single-cabinet, 3-way column line array with eight 4.5 inch (115 mm) woofers; eight 2.0 inch (55 mm) neodymium-motor midrange drivers and one 2.5 inch (66 mm) planar magnetics (ribbon) high-frequency driver.

Performance specifications of a typical production unit shall be as follows: usable frequency response shall extend from 58 Hz – 22 kHz (-10 dB). Measured sensitivity (ref. 2.83 V / 1 m) shall be 91 dB. The speaker shall have a rated impedance of 4 ohms. Rated power handling shall be 500 watts and maximum continuous output at 1 meter shall be 113 dB.

The low frequency drivers shall include a treated paper cone and butyl rubber surround. They shall use a die cast aluminum basket and ferrite motor structure. The midrange drivers shall include a treated paper dome with pressed foam surround. They shall use a die cast aluminum basket with a neodymium motor structure. The high frequency driver shall be a planar magnetics (ribbon) unit with a neodymium motor structure.

Mounting points for wall mount, pole mount, ceiling mount or suspension via cables shall be provided. Mounting hardware shall be Allen Products or equivalent. Input connectors shall include a four-position terminal block and Neutrik SpeakOn. The four-position terminal block shall accept from 10-22 gauge wire.

The enclosure shall be constructed of MDF and plywood with metal ¼ in. x 20 threaded inserts mounting points and a steel grille. The enclosure and grille shall be available in black or white textured paint and shall also be paintable by the installer. A bent back plate with plate mounting hardware and safety cable attachment point shall be included. Speaker mounting brackets and hardware shall be available for use with 3rd party manufacturer mounting systems.

Additional low frequency directivity shall be available via the addition of the separate LA808i unit providing eight 4.5 in. (115 mm) woofers in a single cabinet. Additional unit shall be joined to LA880i via included (with LA808i) mounting plates. Electrical connection of the additional unit shall be made via included (with LA808i) jumper cable.

The system shall be the SoundTube LA880i line array.