

# LA26 Architectural Specifications

The loudspeaker shall be a passive two way line array element consisting of two 6.5" (165.1 mm) reflex loaded low frequency transducer with a neodymium magnet assembly and a neodymium compression driver.

The low frequency driver shall be constructed on a cast aluminium frame, with a 1.75" (44.5 mm) voice coil and a planar diaphragm. The high frequency compression driver shall have a 1" (25.4 mm) throat diameter with a 2" (51 mm) voice coil and shall project its sound through an oblate spheroidal waveguide. The crossover frequency for these drivers shall be 1200 Hz through an internal passive network.

The typical characteristics of a unit shall be; the directivity pattern shall be 105° horizontal by 12° vertical; the frequency response shall be from 75 Hz to 19 kHz; the maximum output shall be 127.6 dB with a peak output of 130.6 dB measured in full space; the nominal impedance shall be 16  $\Omega$  and the power handling shall be 600 W program with a peak power of 1200 W.

The cabinet shall be constructed of 15 mm laminated birch plywood finished with a durable semi-matte black textured polyurethane coating. The rear of the cabinet shall have two NL4 connectors. It shall have integrated 3-point rigging system for arraying with multiple cabinets with an adjustable splay angle of 0° to 12° in 1° intervals. External dimension of the complete unit shall be 499 x 195 x 430 mm (19.7" x 7.7" x 17") and it shall have a net weigh of 15 kg (33lb).

The loudspeaker shall be the LA26 by NEXT-proaudio.