

# LAs15A Architectural Specifications

The loudspeaker shall be a self powered ultra-compact, reflex loaded subwoofer with a single 15" (380 mm) low frequency transducer. The driver shall be constructed on a cast aluminium frame, with a 4" (101.6 mm) voice coil and a neodymium magnet assembly.

The typical characteristics of a unit shall be; the frequency response shall have a lower limit of 44 Hz (-6dB); it shall have a sensitivity of 102 dB (1w,1m) and a maximum output of 135 dB with a peak output of 138 dB measured in half space; the power handling shall be 2000 W RMS with a peak power of 4000 W.

The loudspeaker shall have an incorporated class D amplifier with two channels, a DSP for control of each channel and incorporate network potential for remote monitoring and control. The power supply shall operate from 100 V to 245 V, 50/60 Hz AC.

The cabinet shall be constructed of 15 mm laminated birch plywood finished with a durable semi-matte black textured polyurethane coating, one handle on each side for transport and a four-point adjustable rigging system for fitment with external fly frame. On top of the cabinet shall be an M20 socket for pole mount and on the rear a single NL4 connector for linking with an external passive loudspeaker. External dimension of the complete unit shall be 499 x 475 x 580 mm (19.7" x 18.7" x 22.8") and it shall have a net weight of 45 kg (99.2lb).

The loudspeaker shall be the LAs15A by NEXT-proaudio.