

LAs518A Architectural Specifications

The loudspeaker shall be an active, reflex loaded subwoofer with a two 18" (457 mm) low frequency transducer. The driver shall be constructed on a cast aluminium frame, with a 4" (100 mm) voice coil and a neodymium magnet assembly.

The typical characteristics of a unit shall be; the frequency response shall be 28 Hz to 250 Hz (-6dB) and a low frequency extension of 24 Hz (-10 dB); a maximum output of 143.8 dB with a peak output of 149.8 dB measured in half space.

The loudspeaker shall have an incorporated 2-Channel UMAC Class D amplifier, a DSP for control and incorporate network potential for remote monitoring and control. It shall have both analog and AESOP signal input connections and dual Neutrik powerCON TRUE1 TOP® mains power connectors. The power supply shall operate from 100 V - 240 V AC and the consumption shall be 700 W.

The cabinet shall be constructed of 18 mm laminated birch plywood finished with a durable semi-matte black textured polyurethane coating, four handles on each side for transport and two NL4 connectors on the rear. External dimension of the complete unit shall be 1030 x 516 x 920 mm (40.6" x 20.3" x 36.2") and it shall have a net weight of 89 kg (196lb).

The loudspeaker shall be the LAs518A by NEXT-proaudio.