

LAm114xA Architectural Specifications

The loudspeaker shall be a self powered, 2-way coaxial stage monitor comprising of one high power 14" (356 mm) reflex loaded low frequency transducer with a neodymium magnet assembly and neodymium compression driver.

The low frequency transducer shall be constructed on a rigid metal frame, with a 3" (76 mm) voice coil, wound with copper on a glass fibre former. The high frequency compression driver shall have a 3" (76 mm) voice coil with a polyester/titanium diaphragm.

The loudspeaker shall have an incorporated class D amplifier with two channels and a DSP for control of each channel and incorporate network potential for remote monitoring and control. The power supply operate from 180 V to 245 V AC and the consumption shall be 770 W.

The typical characteristics of a unit shall be; the directivity pattern shall be 80° conically; the frequency response shall be from 58 Hz to 19 kHz; the maximum output shall be 135 dB with a peak output of 141 dB measured in full space.

The cabinet shall be constructed of 15 mm laminated birch plywood finished with a durable semi-matte black textured polyurethane coating. External dimension of the complete unit shall be 564 x 390 x 475 mm (22.2" x 15.4" x 18.7") and it shall have a net weight of 25 kg (55.1lb).

The loudspeaker shall be the LAm114xA by NEXT-proaudio.