LAm114xA PLUS 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 three channels, two independent power modules and a DSP for control of each channel 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 employ UREC Universal Mains Switch Mode Power Supply with Power Factor Correction and Standby Converter operate from 100 V to 240 V, 50/60 Hz AC and the consumption shall be 225 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. It shall have fastening points on the bottom and rear for fitment with external bracketry for pole mounting and flying. 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 21 kg (46.3lb).

The loudspeaker shall be the LAm114xA PLUS by NEXT-proaudio.