Martin Audio Blackline X10

The loudspeaker shall be a passive, two-way system. Its transducers shall consist of a reflex-loaded 10” low frequency driver and a 1.4” diaphragm/1” exit compression driver mounted on a high frequency horn which shall be user-rotatable to enable vertical or horizontal orientation of the enclosure.

Horizontal dispersion shall be 90° and vertical dispersion shall be 50°. The on-axis frequency response shall be 65Hz-20kHz +/- 3dB and the loudspeaker shall produce a maximum SPL of 124dB peak calculated at 1 metre. Power handling shall be 250W AES, 1000W peak. Rated impedance shall be 8 ohms.

The rear connector panel shall be fitted with two NL4 type connectors. Low and high frequency sections shall be integrated by an internal 2.4kHz passive network. For optimal performance the loudspeaker shall be operated in conjunction with a dedicated electronic controller.

The symmetrical, multi-angle enclosure shall be made from plywood and finished with a black textured paint. Optional white and RAL colour finishes shall be available to special order. The enclosure shall be fitted with a pole-mount socket and M8 threaded inserts to accommodate eyebolt suspension and a wall bracket. The drivers shall be protected by a perforated steel grille with scrim cloth backing.

Dimensions (W x H x D) shall be 324mm x 522mm x 289mm (12.8in x 20.6in x 11.4in). Weight shall be 14kg (30.9lbs).

The loudspeaker shall be the Martin Audio Blackline X10.