



THE ULTIMATUM XL10 LOUDSPEAKER

INSTRUCTIONS FOR USE

Congratulations on choosing the ULTIMATUM XL10 loudspeakers. Used correctly, they will provide a lifetime of beautiful music. Please read the following notes in order to get the best from them.

RUNNING IN

A 'running in' period of at least 200 hours is necessary to stabilise performance. After this period, a further gradual improvement will occur over a period of several weeks.

ASSEMBLY

The XL10s are packed in two separate crates, with the plinth located above the main enclosure.

Place the XL10 upside-down on a clean, non-abrasive surface. Place the plinth on the bottom of the cabinet (with the arrow mark facing the front) and line up the screw-holes with those on the cabinet. (The countersunk holes on the plinth should be facing towards you.) Fit the countersunk screws with the supplied 4mm allen key.

Return to upright, place the XL10 in required position, loosen the locking rings, then level the speaker by turning the spikes with the supplied 6mm allen key. When level, tighten the locking rings by hand.

YOUR SYSTEM

It is important to extract the maximum of recorded information from your chosen source components. This means using the very best turntable/cd player, etc. that your budget will allow. Amplification and cabling should be of appropriate quality as the ULTIMATUM XL10 will reveal deficiencies here also.

CONNECTIONS

For normal single-wired operation, connect the cables from the amplifier to the terminals on the rear of the enclosure. The upper or lower set may be used, and a small difference in sound may be heard between the two sets. Take care to ensure correct phasing (i.e. red + and black - connections maintained at amplifier and speaker).

The ULTIMATUM XL10 is also configured for 'bi-amping' or 'bi-wiring'. Bi-wiring is effected by running two sets of cable from the amplifier output terminals. First, remove the metal bridging links from the terminals and then tighten the terminal cups. Connect one set of cables to the lower set of terminals and one set to the upper terminals on the rear of the speaker.

Where bi-amplification is being considered, it is advisable to consult a dealer, or Neat Acoustics, for advice.

PLACEMENT IN THE ROOM

Acoustics will vary from room to room, so a degree of experimentation is necessary for optimum placement. A starting point of 50cm from rear walls is suggested, with a toe-in of 10-20 degrees. Generally, bass output increases as distance from the rear wall, or room corner, decreases. Stereo depth and associated effects improve as the speaker is brought away from room boundaries. Move the loudspeaker in small increments (2 - 3 cm) and assess the changes until satisfied with the in-room balance. *(Often, very small changes of the loudspeaker position can result in a huge improvement in performance.)*

MAINTENANCE

The ULTIMATUM XL10 has no user-replaceable parts and requires no maintenance.
To clean, brush lightly with a soft, lint-free cloth. Should a fault condition arise, consult your dealer.

WARNING: DO NOT ATTEMPT TO GAIN ACCESS TO THE INSIDE OF THE ENCLOSURE!

WARRANTY

The ULTIMATUM MF9 is guaranteed against defects in materials and workmanship for a period of five years. This warranty is limited to the original purchaser.

SPECIFICATIONS

ENCLOSURE TYPE.....2.5 way, multi-facet isobaric/reflex.
BASS/MIDRANGE.....6 x 168mm treated paper cone type.
HIGH FREQUENCY UNIT.....26mm SONOMEX Domed XL type.
SUPER-HIGH FREQUENCY UNIT.....2 x EMIT ribbon-type.
DIMENSIONS (h/w/d).....150 x 22 x 37cm (Plinth footprint: 31 x 51 WxD)
WEIGHT.....60 Kilos (SHIPPING WEIGHT 140 Kilos)
SENSITIVITY (2.83v/1m).....89 dB/1 watt
RECOMMENDED AMPLIFIER POWER.....25 to 300 watts
IMPEDANCE.....8 ohms

(Specification may be subject to change without notice)