



THE MINISTRA LOUDSPEAKER

INSTRUCTIONS FOR USE

Congratulations on choosing the MINISTRA loudspeakers. Please read the following notes in order to get the best from them.

RUNNING IN

A 'running in' period of approximately 200 hours is necessary for optimum performance.

SETUP

The Ministra should be used on rigid stands, 45 - 60cm tall, and fixed with blu-tack or similar adhesive putty.

PLACEMENT IN THE ROOM

The Ministra is intended for close- to-wall placement. A degree of experimentation is necessary for optimum placement, but a starting point of 20cm from rear walls is suggested, with a toe-in of 10 degrees. Generally, bass output increases as distance from the rear wall, or room corner, decreases. Stereo depth improves as the speaker is brought away from room boundaries.

Perseverance at the setup stage will be rewarded. Move the loudspeaker in small increments (2 - 3cm at a time) and assess the changes until satisfied with the in-room balance. Often, very small changes of the loudspeaker position can result in a substantial improvement in performance.

CONNECTIONS

The Ministra is supplied with a single pair of terminals as standard, to facilitate single (normal) wiring.

If you have ordered a dual pair of terminals you may bi-wire or bi-amp the Ministra;

Bi-wiring is effected by running two sets of cable from the amplifier output terminals. Connect one set to the lower and one set to the upper terminals on the rear of the speaker. Take care to ensure correct phasing (i.e. red and black connections maintained at amplifier and speaker). Bi-wiring can bring about a significant change in performance and this should be evaluated on an individual basis. Some amplifiers will respond better than others, and personal taste is a strong factor.

Bi-amplification is also recommended. This involves the use of 2 stereo amplifiers (or 4 mono amplifiers). When this mode of operation is being considered, it is advisable to consult a dealer, or Neat Acoustics, for advice.

MAINTENANCE

The Ministra 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 Ministra 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: Two-way Iso-baric/regulated reflex.

Drive units:

BASS/MIDRANGE: 2 x 134mm treated paper cone type.

HIGH FREQUENCY UNIT: 50mm true-ribbon type.

DIMENSIONS (h/w/d): 30x17x29cm

WEIGHT: 8kg each. (SHIPPING WEIGHT 20kg: pair)

SENSITIVITY (2.83v/1m): 86 dB/1 watt

RECOMMENDED AMPLIFIER POWER: 25 to 100 watts

IMPEDANCE: 4 Ohms.

(Specification may be subject to change without notice)