

The M2 is a 2-way integrated active loudspeaker system from Boothroyd Stuart. Careful alignment of the two high power long-throw bass-mid drivers with the enclosure, the electronic crossover and the committed power amplifiers, has resulted in a new low frequency system giving a perturbed 6th order Butterworth response at low frequencies. The result is a smooth, firm and powerful bass response down to 38Hz with accurate transients.

An electronic time delay of 76 micro seconds allows time alignment of the dome tweeter with the bass units, this alignment preserves the important radiation pattern through the

crossover region.

This clever loudspeaker system benefits from our years of experience in the design of loudspeakers, amplifiers and active loudspeakers, and represents a true systems approach.

M2 incorporates an adjustable stand to ensure optimum stereo performance but is equally at home on a bookshelf.

The power amplifiers, power supply and electronic crossovers are contained within the cabinet.

The M2 is, of course, ideally driven from the 101 Control Unit.

Response	-3dB @ 38Hz and 35KHz (3/8 π radiation)
Sensitivity	-20dBm (unbalanced) for 83dB spl @ 1m @ 1KHz
Output Maximum	105dB spl @ 1m music programme
Noise	less than 24dB spl
Input for full output	0dBm (+ 3dBm peak) over 11K Ω balanced or unbalanced
Crossover Frequency	1.75 KHz, double Butterworth 24dB/octave acoustic slopes
Response shape	Roll off at 38Hz 6th order Butterworth Roll off at 35KHz 2nd order Bessell
Cabinet size	500 mms (19.7 inches) high, 180 mms (7.1 inches) wide and 375 mms (14.8 inches) deep. On the stand the top of the cabinet is 830 mms (32 inches) high
Weight (with stand)	18 Kgs (40 lbs)

Finishes	American Walnut, Brazilian Rosewood or Black Laquer (others to order)
Electronics	Contains two power amplifiers similar to 105s of power output 70W bass, 35W tweeter
Distortion	In whole electronic system total less than 0.05% at all levels and frequencies, typical 0.01%
Driver	2 x 110 mm bextrene high power low frequency drivers 1 x 52 mm dome tweeter
Connection-Power	IEC detachable power input
Audio	DIN 5 pin and RCA (unbalanced only)

Aspects of the design of these products are protected by British and foreign patents, registered designs and copyright.

Trade Descriptions Act 1968: The manufacturer reserves the right to alter any specifications without notice.

BOOTHROYD STUART **MERIDIAN**

is manufactured by
Boothroyd Stuart Limited

13 Clifton Road, Huntingdon, Cambs PE18 7EJ, England
Telephone Huntingdon (0480) 57339
Telex 32577 (MERIDN)