

Product Information B80 MK2 Loudspeakers



The look and sound of the B80 loudspeakers are derived from our flagship B100 speakers; the design of their predecessors was borrowed from the aircraft industry, reminiscent as it was of the riveted wings of a large propeller aircraft. The design objective aimed at with the B80s was to create a loudspeaker system that combined outstanding acoustics with an attractive design, that could be integrated into virtually any living room, despite the somewhat majestic proportions. It is down to their unique qualities, that the B80s have managed to retain their popularity over the years. Nevertheless, we have now located some potential for technical improvement, which has led us to incorporate a number of modifications in the MK2 series.

The crossover unit in the B80 MK2 has been perceptibly improved, as has the tonal spectrum of the bass range. The ribbon tweeter now has a new sound guide, which has resulted in better spatial distribution of the overtones and an overall silkier sound.

The feel and appearance of the speakers have been retained, as have their trusted membrane and magnet systems, serving to maintain the B80's famed neutral sound quality and astounding resolution in the reproduction of voices and instruments.

The two laterally positioned 210mm bass units contain extremely stable glass-fibre membranes, resulting in wider than average membrane displacement, while the powerful magnets ensure that the bass reaches deep down, producing contours that are clean and taut. The mid-range units have been modified in line with Burmester specifications, with crystal-clear sounding magnesium membranes and a patented magnet system designed to reduce non-linear distortion. They render even the finest musical nuances audible and bring forth an unequalled degree of temperament when called upon to do so. The ribbon tweeter shines through with ease in the upper range, thanks to the athletic strength of its drive magnet, which effortlessly induces the necessary vibrations in the light and energetic kaladex film membrane.

FEATURES:

- Low-vibration cabinet walls with thicknesses of up to 37mm plus internal struts to ensure clarity of bass reproduction
- Bass-reflex construction for a powerful and undistorted deep bass
- Separate chambers for treble and mid-range units and for the crossover system serve to increase reproduction precision
- Two impulse-faithful and deep bass-responsive 21cm chassis in each loudspeaker, including a glass-fibre membrane for superior bass reproduction
- Two high-resolution 130mm mid-range units with magnesium membranes for extraordinarily good sound purity and dynamics
- Isodynamic ribbon tweeters for thrillingly brilliant treble reproduction
- Mid-range and tweeter units arranged in a d'Appolito configuration for high dynamics and relaxed listening pleasure
- Every speaker unit is well worn-in and selected to ensure perfect pairings
- Front panel made of solid, 15.5mm thick aluminium enhances the design of the cabinet fronts and provides extra stability around the mid-range and tweeter units
- Bi-wiring and bi-amping terminals available for optional sound optimisation in the bass and mid/ high frequency ranges
- Solid cable terminals inconspicuously mounted beneath each loudspeaker to enable short and virtually lossless connection to the crossover unit
- Low-loss internal wiring: pure copper wire with a 10mm² cross-section is employed in the bass speakers and 4mm² copper cable for the mid-range units and tweeters
- Homogeneous signal transmission ensured by using same wiring as in our power amplifiers



TECHNICAL SPECIFICATIONS:

Dimensions (W x H x D):	290 x 1,400 x 450mm 11.4" x 55.1" x 17.7"
Weight per speaker:	Approx. 65kg Approx. 143.3 lbs
Frequency response:	30Hz-25kHz
Rated power:	300 watts
Efficiency :	2.83V/1m 90 dB
Nominal impedance:	4 ohms
Crossover frequencies:	200Hz, 2,400Hz
Bass units:	2 x 210mm Ø in bass reflex housing
Mid-range units:	2 x 130mm Ø in sealed sub-enclosures
High-frequency units:	Isodynamic ribbon with kaladex membrane
Finish:	Elsberry, Makassar, silver