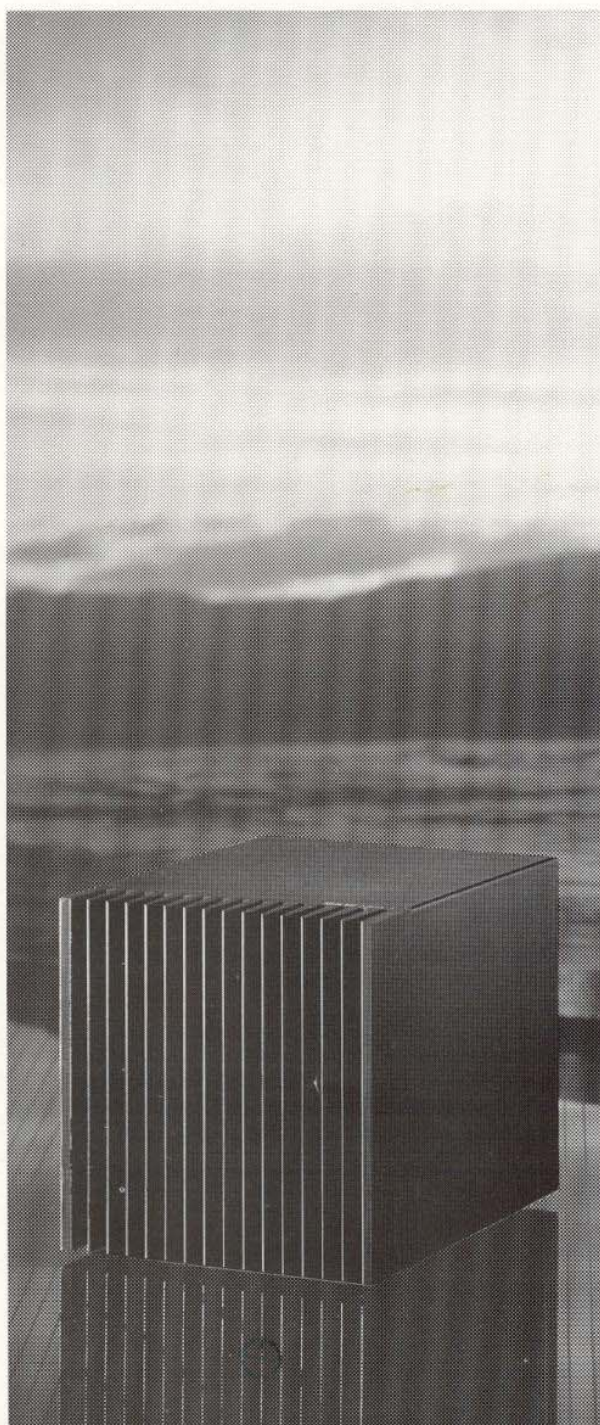


# MPA1

P R O F E S S I O N A L

## MONOBLOCK POWER AMPLIFIER

**B&W**  
LOUDSPEAKERS



**A** high quality, 120W, professional-type amplifier created by B&W as a module ideally suited to Concept 90, both technically and visually.

MPA1's design derives directly from the Mos-Fet power modules employed in B&W's MPA810 professional studio amplifier, and is the first in a series of electronic products from B&W. It incorporates the highest engineering technology within a set of sophisticated designs developed for use in the home. In line with established B&W tradition, the new products are designed and produced entirely in-house.

System topology and component specification are in keeping with the latest knowledge of how sonic realism is best achieved. For those who like to deploy the more exotic system configurations, MPA1 is equipped with dual outputs, to facilitate bi-wiring, and with Audio Turn-On (ATO) to simplify the remote siting of power amplifiers. Some professional and audiophile systems call for long input wiring runs, frequently necessitating the use of balanced line feeds. Consequently, MPA1 is equipped with a balanced XLR input in addition to the more common single-ended phono connection.

With MPA1 B&W set out to meet the combined requirements of the professional and the audio enthusiast. Neither effort nor expense has been spared in perfecting this state-of-the-art amplifier. It is a rare example of how the aspirations of the design-conscious can be met within the home environment without the slightest compromise in engineering integrity.

### SPECIFICATION

Power output	120W/8 $\Omega$ 200W/4 $\Omega$ (continuous 20Hz–20kHz)
Current limit	$\pm$ 16A
Output impedance	1m $\Omega$ (measured at main PCB)
Input impedance	24k $\Omega$
Voltage gain	29.2dB
Frequency response	10Hz–20kHz +0dB –0.4dB (input filter limited)
Distortion	Better than –86dB (20Hz–20kHz at 5W/8 $\Omega$ ) (A-weight)
Signal-to-noise ratio	–100dB (A-weight)
AC voltage requirements	110/130/150/220/240/260 VAC
Power consumption	Standby 1.2VA (at 240V), idling 40VA, full output 4 $\Omega$ – 500VA

B&W Loudspeakers Ltd reserve the right to amend details of their specifications in line with technical developments.

**B&W**

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