

AB2



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The AB2 is at home in both the highly demanding professional environment and the domestic setting of the most critical audiophile. Whether you are trying to identify the smallest nuance of your mix or enjoying your latest CD or DVD purchase, the AB2 provides a perfectly natural sonic picture.

A decade of supply to the world's leading recording engineers, broadcasters and mastering facilities has given PMC the reputation for manufacturing the finest loudspeakers available at any cost. These most critical listeners have come to trust and rely upon the neutrality, reliability and above all, accuracy, that only PMC can provide.

PMC implement their own unique version of the transmission line principle producing precise bass extension which belies the cabinet size. This transmission line technology has the following advantages over a standard ported loudspeaker:

- Fast, accurate and extended bass at all levels
- Lower colouration
- Low distortion
- Neutral and dynamic performance
- Higher power handling without distortion or compression
- Ease of drive



PMC



AB2 Build

The cabinet

Every aspect of acoustics is considered during the construction of the AB2. The computer aided design and cabinet construction are to an impeccable standard, ensuring complete structural integrity and accuracy. Every internal panel is braced, damped and treated with custom designed multi-cellular foam to ensure no unwanted resonances can colour the supremely natural and open character of the monitor. The AB2 is not only a piece of precision engineered wood but also a richly crafted item of furniture, enhanced by hand finished, book matched veneers, taken from sustainable sources around the world.

The crossover

This unseen section of the AB2 is as important as any other in ensuring a perfect audio picture. Every PCB crossover board is meticulously populated by hand with precision tolerance-selected components using silver loaded solder. Each of these 17 element 24dB crossovers are recorded, tested and paired to ensure they give razor sharp imagery and response. The final link to the drive units is also uncompromised as only the finest audiophile grade OFC cables are used.

The drive units

The units selected for the AB2 are of consummate engineering standards and will ensure years of accurate, reliable service. The bass units are constructed with a vented pole piece which provides additional cooling and the suspension adjusts the compliance at an optimum rate allowing long excursions and supreme control even at high power levels. The soft dome high frequency unit gives a linear frequency response with unrestricted dynamics due to its precision coil and fabric dome construction. A magnetic-fluid system cools the voice coil to ensure thermal stability and minimal power compression at higher levels. Quality control records of drive units and their individual responses are kept for future reference so that all PMC clients can be sure that if a replacement is required it will be replaced with a perfect clone of the original.

AB2 in Surround

At PMC we believe a centre channel should have the same tonal balance and characteristics as the main stereo channels. As with all PMC models there are dedicated centre channels. These utilise identical drive units and crossover networks ensuring not only a perfect sonic match to the main channels but also a visual one.



AB2 + Consumer Stand



AB2-C

Specification

Usable frequency response

25Hz - 25kHz

Peak SPL @ 1 Metre

>116dB

Sensitivity

89dB 1 Watt 1 metre

Recommended amp power

30 - 300 Watts

Effective line length

2.4M (8 Ft)

Crossover frequency

2 kHz

Impedance

6 Ohms nominal

Drive Unit Compliment

Bass 240mm 1kW pulse 100mm voice coil
High freq 27mm Fabric dome

Input connectors

2 Pairs Gold binding posts (4mm)

Standard finishes

Cherry, Oak, Black Ash
(Other finishes available to order)

Weight

25 Kg 55lbs

Dimensions

Height 790mm (31.10 inches)
Width 267mm (10.51 inches)
Depth 430mm (16.93 inches)

Magnetically shielded as standard

Stands

Studio and consumer models available

Subject to change without notice

PMC

PMC Limited
43/45 Crowley Green Road
Luton
LU2 0AA

for further details contact:
T +44 (0)870 4441044
F +44 (0)870 4441045
sales@promonitor.co.uk
web: www.pmc-speakers.com

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Walnut (To Order)

Cherry

Black Ash

Oak

Rosewood (To Order)

