

REFERENCE MONITORING WITH ANALOGUE & DIGITAL INPUTS

The active monitoring solution for all discerning professionals. The IB2S-A and the IB2S XBD-A offer the attributes of PMC's large **ATL™** reference active monitors in a vastly more compact form creating the ideal monitor for high-end reference monitoring and mastering applications.

The IB2S-A and IB2S XBD-A monitors are a new breed of ultra low distortion DSP-controlled, Class-D powered devices and feature PMC's **ATL™** (Advanced Transmission Line) bass loading technology providing a level of resolution unachievable with standard systems. Each master cabinet employs a 10" Carbon Fibre & Nomex™ piston bass driver that features in the renowned IB1S and IB2S, together with PMC's hand-built 75mm mid-range fabric-dome driver and the 34mm soft-dome tweeter.

Power totals 960W for each active master cabinet with independent audiophile power amplifiers producing a supremely clean 200W for each HF & MF driver with hefty 560W directed to the LF section for superlative control & effortless extension down to 20Hz.

For the ultimate user friendly touch, the monitors are controllable from the prime listening position via an RJ45 connected remote providing precision tuning with a vast array of HF and LF shelving filters, ±8dB input level trims and input switching.



IB2S-A SERIES HIGHLIGHTS

- Extremely high resolution and ultra low distortion monitoring
- Analogue and digital inputs: 96/192kHz
- Cutting edge DSP controlled and Class-D powered (HF 200W, MF 200W, LF 565W) with vast power headroom
- Faithful LF accuracy down to 20Hz using **ATL™** bass-loading
- Remote control EQ, Level & Input selection (Balanced analogue or AES3 digital)
- Single, twin and centre channel versions

Type	Active, single cabinet ATL™ reference monitor
Usable frequency response	20Hz-25kHz
Effective ATL™ line length	2.4m (8ft)
Drive units	HF PMC 34mm soft dome tweeter with acoustic radiator MF PMC hand-built 75mm soft dome mid-range LF 250mm/10" PMC Carbon Fibre /Nomex™ piston driver
Crossover frequency	380Hz & 3.8kHz
Amplifier power	HF 200W MF 200W LF 565W
I/O	Balanced Analogue Main Input/Through Balanced Analogue LFE Input/Through Digital AES3 Main Input/Through Digital AES3 LFE Input/Through
Digital input	AES3 192kHz 24bit
Analogue input sensitivity selectable	+4dB to +20dBu
Main Source selection	Analogue in Main AES3 Left Main AES3 Right
Main Trim Level	+/-8dB
LFE Source selection	None LFE AES3 Left LFE AES3 Right
Analogue In LFE Trim level	+/-8dB
EQ	LF Shelf +/-8dB, HF shelf +/-8dB
Remote control	Wired via RJ45 - control of up to 12 channels Rotary Volume -48.5dB to +15dB
Operating Voltage	115V/230V 12V trigger operation
Dimensions	H 745mm 29.3" W 330mm 13.0" D 564mm 22.2" (max depth)
Weight	46.5kg (102.3lbs)
Finish	Studio black

IB2S XBD-A	Active, twin cabinet ATL™ reference monitor
	20Hz-25kHz
	2 x 2.4m (8ft)
Master cabinet	HF PMC 34mm soft dome tweeter with acoustic radiator MF PMC hand-built 75mm soft dome mid-range LF 250mm/10" PMC Carbon Fibre /Nomex™ piston driver
XBD-A cabinet	LF 250mm/10" PMC Carbon Fibre /Nomex™ piston driver
	380Hz & 3.8kHz
	HF 200W MF 200W LF 565W
	LF 565W (XBD)
	Balanced Analogue Main Input/Through Balanced Analogue LFE Input/Through Digital AES3 Main Input/Through Digital AES3 LFE Input/Through
	AES3 192kHz 24bit
	+4dB to +20dBu
	Analogue in Main AES3 Left Main AES3 Right
	+/-8dB
	None LFE AES3 Left LFE AES3 Right
	+/-8dB
	LF Shelf +/-8dB, HF shelf +/-8dB
	Wired via RJ45 - control of up to 6 channels Rotary Volume -48.5dB to +15dB
	115V/230V 12V trigger operation
	H 1490mm 58.7" W 330mm 13.0" D 564mm 22.2" (max depth)
	93kg (204.6lbs)
	Studio black

NB: XBD-A cabinet is the ideal partner as a standalone .1 effects channel monitor if required.

Subject to change without notice

Cover image: The acousto-optic mapping process with the IB2S-A at NPL (A world first in acoustic research & design)

Reg No: 3328009
Stock code no.14795. Item no. 121v2/Oct@2017

PMC®

THE PROFESSIONAL MONITOR COMPANY LIMITED
Holme Court Biggleswade SG18 9ST UK

T +44 (0)1767 686300
E sales@pmc-speakers.com
W www.pmc-speakers.com

PMC®

ATL™
Advanced Transmission Line

IB2S-A
SERIES

IB2S-A SERIES



IB2S-A

XBD-A

IB2S XBD-A
(offering +3dB LF headroom)

IB2S-A

A 3-way midfield active monitor.

IB2S XBD-A

A 3-way master and bass cabinet offering +3dB LF headroom, a smoother room response and the ability to drive larger control rooms effortlessly.

XBD-A

This cabinet is an ideal partner as a standalone monitor for a 'point one' effects channel.

HANDMADE CUSTOM DRIVE UNITS

PMC components are produced to an obsessively high standard, creating drivers of unrivalled quality. All constituent parts of a PMC driver are physically inspected, electronically checked and re-tested at every stage of construction, ensuring the ideal response.



PMC 34mm HF unit

Superlative resolution, high power handling and vast even dispersion are the signature of the PMC 34mm HF unit.



PMC 75mm MF unit

The world's leading large soft-dome driver, offering transparency, efficiency and a level of clarity like no other.



PMC 10" Carbon fibre & Nomex™ LF unit

This piston driver increases dynamic handling and reduces LF distortion to insignificant levels by eliminating cone break up, thanks to the use of an extremely stiff carbon fibre & Nomex™ honeycomb construction.



VARIATIONS AND ACCESSORIES



IB2S-A-C
(centre channel)



IB2S-A



IB2S XBD-A
(with high-mass plinth)



The optional high mass 33" Studio Frame Stand was developed with extensive listening tests to maximise the imaging, dynamics and overall tonal balance of the monitor.

An acoustically inert 190mm high-mass plinth or spacer is available to optimise the system height and bass performance. It can be placed below or between the 3-way master and XBD-Active cabinets.