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 excels 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 supremacy clean 200W for each HF & MF driver with hefty 565W directed to the LF section for supreme 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 trim levels, plus input level trim and input switching.

IB2S-A SERIES HIGHLIGHTS

- Extremely high resolution and ultra-low distortion monitoring
- Analogue and digital inputs (1 x RJ45)
- Cutting edge DSP-controlled and Class-D powered (2 x 200W, 5 x 200W, 5 x 65W) with vast power headroom
- Faithful accuracy down to 20Hz using ATL™ bass loading
- Remote control: level & input selection (balanced analogue or AES3 digital)
- Single, twin and centre channel versions

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IB2S-A

Type | Active, single cabinet | reference monitor
Effective 1/3 octave bandwidth | 20Hz to 25kHz
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
Operating Voltage | 115V/230V
Finish | Studio black
Dimensions | H 1490mm 58.7”
W 330mm 13.0”
D 564mm 22.2” (max depth)
Weight | 93kg 204.6lbs
IB2S-XBD-A

Type | Active, twin cabinet | reference monitor
Effective 1/3 octave bandwidth | 20Hz to 25kHz
Drive units | 
HF | 2 x PMC 34mm soft dome tweeter with acoustic radiator
MF | 2 x PMC hand-built 75mm soft dome mid-range
LF | 2 x 250mm/10” Carbon Fibre /Nomex™ piston drivers
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 6 channels
Operating Voltage | 115V/230V
Finish | Studio black
Dimensions | H 29.3”
W 13.0”
D 22.2” (max depth)
Weight | 204.6lbs
Reg No: 3328009
Stock code no.14795. Item no. 121v2/Oct©2017

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

A 3-way midfield active monitor.

**IB2S-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.

**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.

**PMC 75mm MF unit**

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

**PMC 34mm HF unit**

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

**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.

**TECHNOLOGY INSIDE**

**PRESSURE INTEGRAL DRIVE UNITS**

An acoustically inert 115mm 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.

**VARIATIONS AND ACCESSORIES**

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.

**IB2S XBD-A** (with high-mass plinth)

**IB2S-A-C**

Centre channel

**IB2S-A**

Series

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