

## Preliminary information



### Ultimate midfield monitors

The potent compact 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 the 10-inch Carbon Fibre & Nomex™ piston bass drivers from the renowned IB1S and IB2S speakers, together with PMC's hand-built 75mm mid-range fabric-dome driver and the 34mm soft-dome tweeter from that features in the legendary BB5 XBD-Active.

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

For 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 and  $\pm 8$ dB input level trims.

Centre

Front Left

30

30

Rear Left



IB2S-A

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

- Extremely high resolution and ultra low distortion **ATL™** monitoring
- Cutting edge DSP controlled and digitally powered (HF 200W, MF 200W, LF 560W) with vast power headroom
- Faithful low frequency accuracy down to 20Hz
- Remote control EQ, Level & Input selection (Balanced analogue or AES3 digital)
- The three highly flexible options –
  - **IB2S-A** - A compact three way active master.
  - **IB2S XBD-A** (twin cabinet) offering +3dB in LF headroom, smoother in room response and the ability to drive larger control rooms effortlessly.
  - **XBD-A** cabinet is the ideal partner as a standalone monitor for a .1 effects channel.

**ATL™**

Advanced Transmission Line

ULTIMATE MONITORING



**PMC®**  
www.pmc-speakers.com

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 a perfect 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 massively engineered piston driver increases dynamic handling and reduces LF distortion to insignificant levels by eliminating cone break up using an extremely stiff carbon fibre & Nomex™ honeycomb construction.

**Specifications**

**Type:**

**Usable frequency response:**

**Effective ATL™ line length:**

**Drive units:**

**Crossover frequency:**

**Amplifier power:**

**I/O:**

**Digital input:**

**Analogue input sensitivity selectable:**

**Main Source selection:**

**Main Trim Level:**

**LFE Source selection:**

**EQ:**

**Remote control:**

**Operating Voltage:**

**Dimensions:**

**Weight:**

**IB2S-A**

Active, Single cabinet **ATL™** reference monitor

20Hz-25kHz

2.4m (8ft)

**Master cabinet**

**HF** 34mm Soft Dome Tweeter

**MF** 75mm soft Dome Midrange

**LF** 250mm/10" PMC Carbon Fibre /Nomex™ piston driver

380Hz & 3.8kHz

**HF** 200W

**MF** 200W

**LF** 565W

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 +20dB

Analogue in

Main AES3 Left

Main AES3 Right

+/-8dB

None

LFE AES3 Left

LFE AES3 Right

Main AES3 Other

Analogue In LFE Trim level: +/-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** 740mm 29.1"

**W** 330mm 13.0"

**D** 549mm 21.6"

46.5kg (102.3lbs)

**IB2S XBD-A**

Active, Twin cabinet **ATL™** reference monitor

20Hz-25kHz

2 x 2.4m (8ft)

**Master cabinet**

**HF** 34mm Soft Dome Tweeter

**MF** 75mm soft Dome Midrange

**LF** 250mm/10" PMC Carbon Fibre /Nomex™ piston driver

**XBD cabinet**

LF 250mm/10" PMC Carbon Fibre /Nomex™ piston driver

380Hz & 3.8kHz

**HF** 200W

**MF** 200W

**LF** 565W

**LF** (XBD) 565W

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 +20dB

Analogue in

Main AES3 Left

Main AES3 Right

+/-8dB

None

LFE AES3 Left

LFE AES3 Right

Main AES3 Other

Analogue In LFE Trim level: +/-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

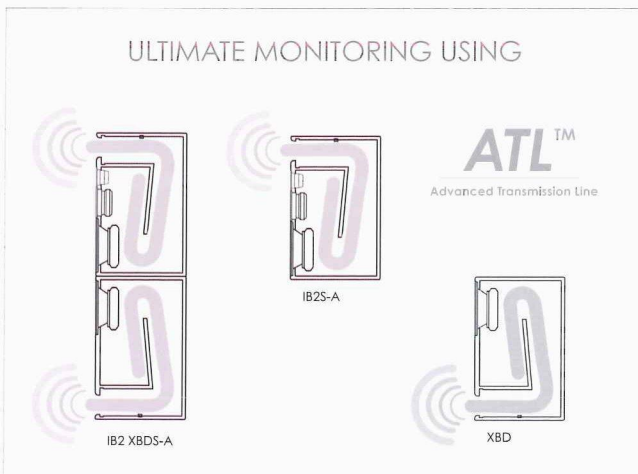
**H** 1480mm 58.27"

**W** 330mm 13.0"

**D** 549mm 21.6"

93kg (204.6lbs)

Subject to change without notice



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