

● IB1S-AII

The improved classic



The midfield

The IB1S is one of PMC's most successful midfield reference monitor, in use by professionals in small and medium studios serving the audio recording, broadcast, post-production and mastering markets all over the world. In 2010, an active model, the IB1S-A was introduced. Now, refining what for many users is already the ideal compact midfield monitor, PMC is proudly introducing the IB1S-AII (pronounced 'IB1S-A Mark II'), and its accompanying horizontally orientated centre channel model, the IB1S-A-CII.

IB1S-AII At A Glance

- 'Plug and Play' reference level monitoring
- Identical frequency response at all levels
- Ultra-low distortion for a low-fatigue response
- Ultra-wide dispersion — vast image window
- Custom 33-inch (840mm) stands for optimum performance
- Matching SB100-A sub for 'point one' LF channel monitoring
- Matching low-profile centre channel (IB1S-A-CII)

ATLTM
Advanced Transmission Line

ULTIMATE MONITORING



PMC[®]
www.pmc-speakers.co.uk

Why build a mark **II** **IB1S-A**?

Why would we seek to improve such a well-loved product? In a word: progress. When new technologies or materials become available, PMC's ethos is to ensure that its products (and users) benefit. And when the larger, active IB2S-A monitor was designed in 2011, there were some new design aspects which have now been incorporated in the IB1S-A. The newly engineered, acoustically absorptive foam damping used in the **ATL** in the IB2S-A, for example, now features in the IB1S-A**II**. It further reduces harmonic distortion throughout the driver/**ATL** combination, and results in a higher-definition, more clearly defined bass, as well as a more transparent mid-range with reduced colouration from the low frequencies. And taking its cue from the IB2S-A, the redesigned cabinet for the IB1S-A**II** also features extra internal bracing to further reduce colouration from cabinet resonance.

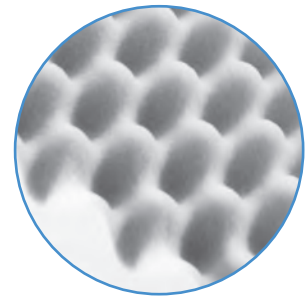
But the heritage of the original winning IB1S-A design is abundantly clear. The Mark **II** still features PMC's award-winning Advanced Transmission Line™ (**ATL**) technology, proprietary low-frequency carbon-fibre and Nomex™ 10-inch flat piston driver, and the isolated three-inch mid-range driver and the 27mm soft-dome high-frequency driver of the original IB1S-A, as well as the precision, hand-assembled 24dB/octave crossovers. Also unchanged is the deceptively powerful DS-001 Class D power amp, housed in the vented DS-MODULE-001, which fits to the rear of the cabinet and delivers an ample 400W of power into the 4Ω IB1S-A**II**.

Hand-assembled, like all PMC products, at the company's UK headquarters, the IB1S-A**II** adds an extra edge to an already superlative design.

The IB1S-A**II**'s 10-inch Nomex™ low-frequency piston driver.



PMC's hand-assembled, 31-element, 24dB-per-octave crossover.



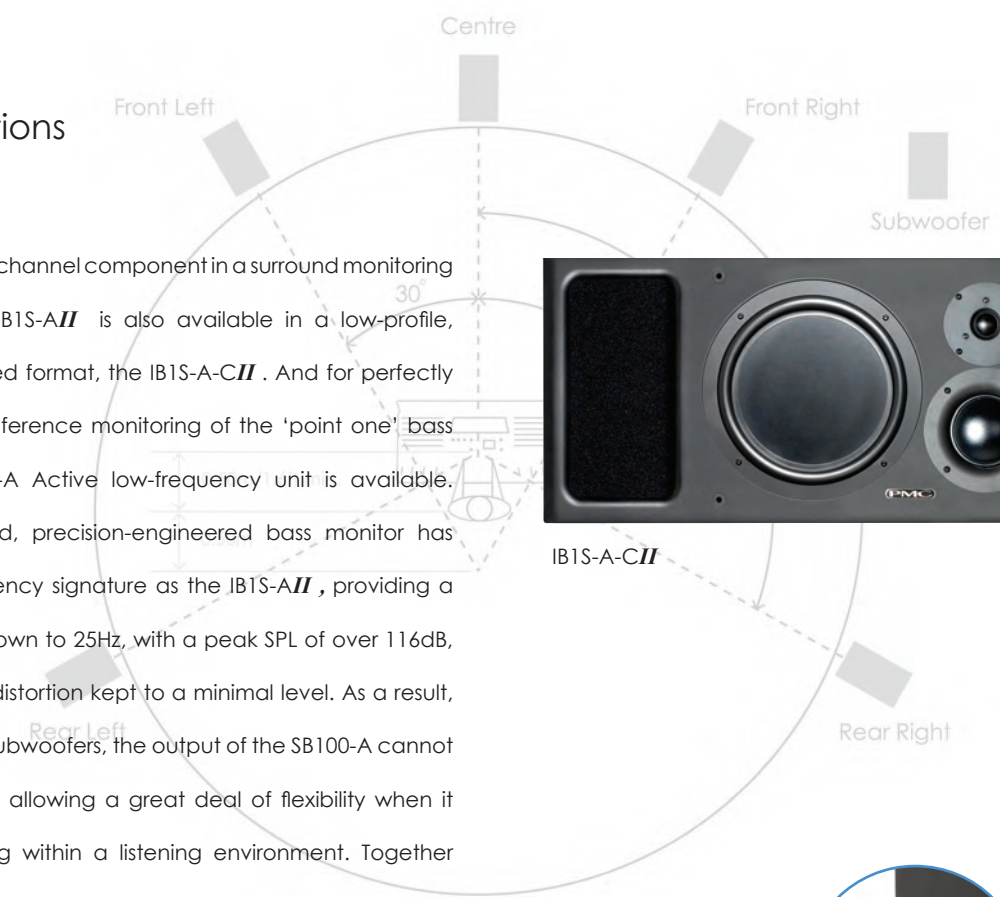
The newly formulated absorptive foam damping used to line the **ATL** in the IB2S-A and IB1S-A**II**.



33" IB1S-A**II** Professional frame stand and grille

Surround options

For use as the centre channel component in a surround monitoring configurations, the IB1S-A II is also available in a low-profile, horizontally orientated format, the IB1S-A-C II . And for perfectly balanced, critical reference monitoring of the 'point one' bass channel, the SB100-A Active low-frequency unit is available. This heavily damped, precision-engineered bass monitor has the same low-frequency signature as the IB1S-A II , providing a detailed response down to 25Hz, with a peak SPL of over 116dB, and with harmonic distortion kept to a minimal level. As a result, unlike many simple subwoofers, the output of the SB100-A cannot be readily localised, allowing a great deal of flexibility when it comes to positioning within a listening environment. Together with its shallow profile, this makes the SB100-A ideal for use in studios where space is at a premium, such as those in Outside Broadcast vehicles.



IB1S-A-C II



SB100-A

The SB100-A's 10-inch bass driver uses a carbon-fibre and Nomex™ honeycomb piston to deliver an unparalleled transient response.

Specifications

	IB1S-AII / IB1S-A-CII	SB100-A
Type	Activated	Activated
Useable freq response	25Hz-25kHz	25Hz-200Hz
Peak SPL @ 1M	116dB	116dB
Effective line length	2.4m 8ft	2.8m 9ft
Crossover Frequency	380Hz & 3.8kHz	
Impedance	4Ω	4Ω
Drive units	LF 250mm/10" PMC Carbon Fibre/Nomex™ piston driver MF 75mm doped fabric soft dome HF 27mm fabric soft dome	LF 250mm/10" PMC Carbon Fibre/Nomex™ piston driver
Finish	Studio black	Studio black

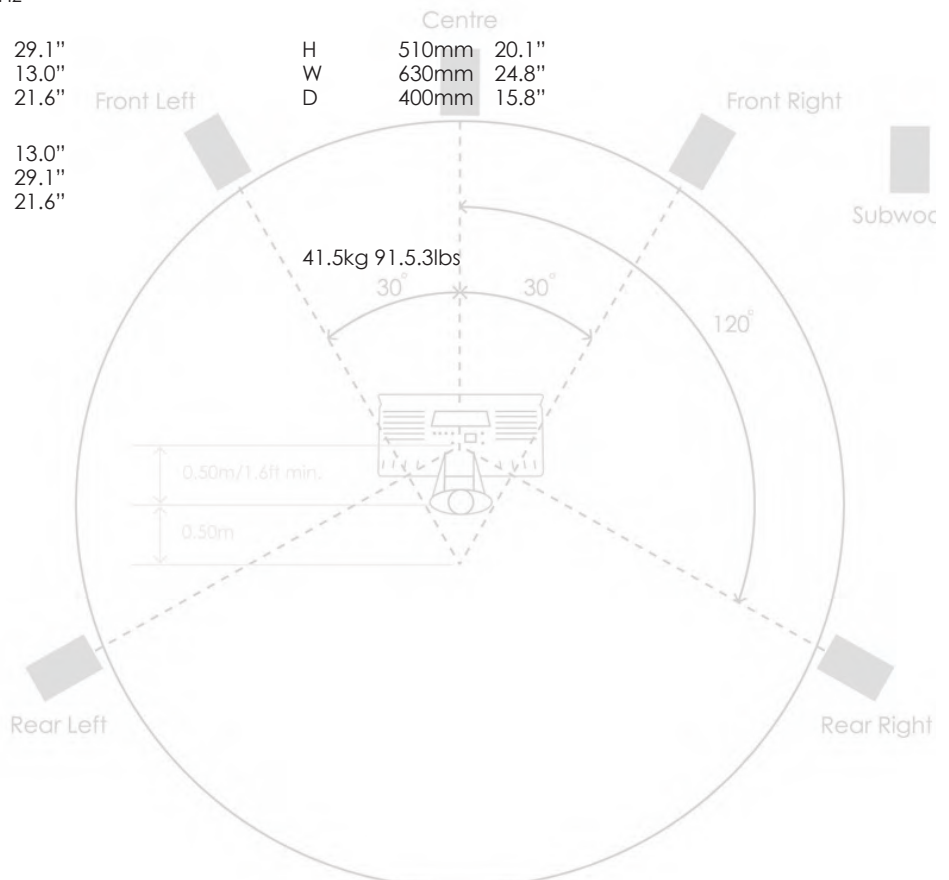
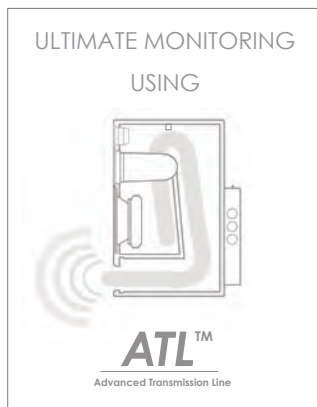
Power	>400W into 4Ω
Sensitivity	Variable 17dB-33dB
Input impedance	16.5k Ω
Input connector	Balanced XLR
Mains input	IEC (cord provided) 115V or 230V
Distortion	<0.05% 20hz - 20kHz

DS-001 (Integrated power amplification for **IB1S-AII**, **IB1S-A-CII** & **SB100-A**)

IB1S-AII Dimensions	H	740mm	29.1"
	W	330mm	13.0"
	D	549mm	21.6"
IB1S-A-CII (centre channel)	H	330mm	13.0"
	W	740mm	29.1"
	D	549mm	21.6"

Weight (each) 46.5kg 102.3lbs

subject to change without notice



PMC LIMITED
43-45 Crawley Green Road Luton LU2 0AA
T +44 (0)870 4441044 F +44 (0)870 4441045

E pro@promonitor.co.uk
W www.pmc-speakers.com



The Professional Monitor Company Limited Reg No: 3328009

Item no. 208/July ©2012