

two™
two™

reference monitoring all ways

The ultimate in flexible
compact monitoring

- True compact reference monitors with **ATL™** bass loading technology
- Class leading connectivity – both analogue & digital up to 192kHz
- Cutting edge, audiophile, high efficiency dual Class-D amplification
- Powerful DSP engine controlling driver response, crossover & EQ
- Versatile positioning – perfect in both vertical & horizontal orientation
- Precision drivers designed and built by PMC for dynamics & neutrality

ATL™

Advanced Transmission Line

PMC®
www.pmc-speakers.com

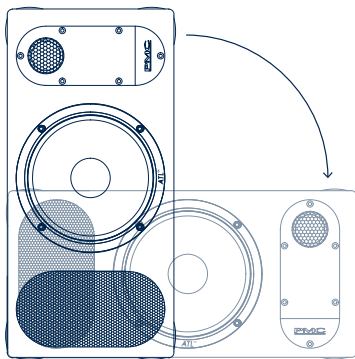


Work faster, work better & improve your image with **twotwo**™

From PMC – the producer of true reference loudspeaker monitors – the all-new **twotwo** series combines PMC's world-class design pedigree with sophisticated digital signal processing and active amplification to create a range of stunningly accurate, versatile, and compact two-way reference grade monitors.

The range is comprised of three models – the **twotwo.5**, **twotwo.6** and **twotwo.8** – all designed and built in Britain using state-of-the-art technologies and components. The result is unrivalled level of clarity, transparency and accuracy for professional compact monitors. **twotwo** series models all share the same core design and features – the model number refers only to the approximate size (in inches) of the bass driver, with larger numbers denoting increasing cabinet volume, greater bass extension and higher SPL capabilities.

PMC's attention to detail is evident throughout the design of **twotwo** series, but a feature new to the compact range is their ability to operate in either the vertical or horizontal orientations without compromising stereo imaging or tonal accuracy. This makes them ideally suited for nearfield monitoring of music and speech in situations where space is at a premium, such as in outside broadcast vehicles, small radio on-air studios and television sound control galleries, project music studios, video editing and post-production suites and for A&R evaluations.



The **twotwo** has been crafted for use vertically or horizontally, without any detrimental effect on tone, stereo or surround imaging.



The optional RJ45 wired remote features all the functions of the **twotwo** rear panel with a jog wheel and intuitive controls for input switching, level & EQ. With its ability to control up to 14 discrete channels it makes aligning even the most expansive surround formats like Dolby Atmos® or Auro-3D® quick and easy.



twotwo sub1

twotwo sub2

The **twotwo** active subs are an ideal partner for both 2.1 and .1(LFE) monitoring in surround configurations. Both share identical features, with the **sub2** providing greater SPL and LF extension.

"Most ported speakers have an impaired bass output at low listening levels, and you need to crank the volume above a certain point before they really come alive – that just doesn't happen with PMCs."

"Both twotwo monitors are capable of delivering silly sound pressure levels for a near-field design."

"In terms of stereo imaging, both twotwo monitors delivered excellent results, with a wide and stable sweet spot, and very good depth and lateral positioning cues."

"Highly recommended for auditioning."

Sound on Sound - July '13



twotwo.6 - Jan '14



twotwo.8 - Dec '13



twotwo.6 - Dec '13



twotwo.5 & twotwo.6 - Dec '12



twotwo.8 - Oct '14



twotwo.5

twotwo.6

twotwo.8

The twotwo™ series are true reference tools designed for ultra-critical professional applications.



Size can be decidedly deceptive. Although the smallest member of the **twotwo** family, this ultra-compact nearfield model features the same technology as its larger siblings allowing it to perform way beyond expectation. Astonishing resolution and neutrality is provided by sophisticated DSP, dual power amplifiers, PMC's new 27mm tweeter and a 140mm (5.5") bass unit, all housed within a carefully specified **ATL™** labyrinth cabinet. This delivers class-leading depth of bass for the cabinet size, while retaining dynamics and musicality. The **twotwo.5** is a dependable, high-resolution monitor, which is ideal for situations where space is at a premium but quality must not be compromised.



The intermediate model in the **twotwo** range employs the same amplifiers and DSP technology as its diminutive sibling, but its larger **ATL™** cabinet and 170mm (6.5") bass unit endows it with a more extended bass performance and a higher SPLs. However, the **twotwo.6** shares the same family characteristics of superb transparency and a neutral balance, and is an ideal monitor for use in medium-sized rooms where more power and dynamics are required.



The **twotwo** series' flagship model is the largest and the most accomplished, employing a large 200mm (8") bass driver and a substantial **ATL™** cabinet to create a completely unflappable midfield monitor with astounding dynamics, clarity and depth. This model showcases the stunning precision that can be achieved with PMC's advanced DSP technology, class-leading amplification, unique **ATL™** cabinets, and bespoke drivers. The **twotwo.8** takes everything in its stride, revealing every nuance and detail of the source as a true monitor should. This is a genuinely professional monitoring tool that can be relied upon with total confidence.

What the critics say

"I need a monitor that will effortlessly show up flaws, won't flatter a mix, and be unfatiguing. The twotwo.6 delivers exactly that and more."

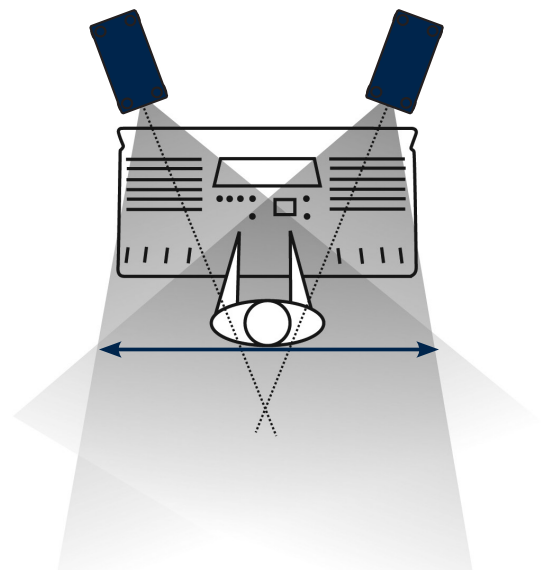
Audio Media - May '13

"The PMC twotwo.6s are impressive. The speakers' bass response extends down to 40Hz, making a second mid or far-field system almost redundant, and delivers good performance at all listening levels. The resolution in the high frequencies, together with a transparent mid-range allows users to record and mix at the highest level. Last but not least, the twotwo.6s' wide, precise stereo imaging and high-resolution bass response makes them well-suited for most mastering applications. In the face of such outstanding overall performance they are well worth the money."

Keys Magazine - June '13

"The HF is never harsh, always silky without losing transients and very well balanced. To get midrange so detailed and dynamic you would normally need a three way monitor. With your eyes closed the sound is totally enveloping and you can't imagine a speaker of this size could sound so full."

Suono - **twotwo.5** March/ April '13



The **twotwo**'s ultra wide dispersion provides both a vast image and perfect tonality over a larger area.

ATL™

Advanced Transmission Line

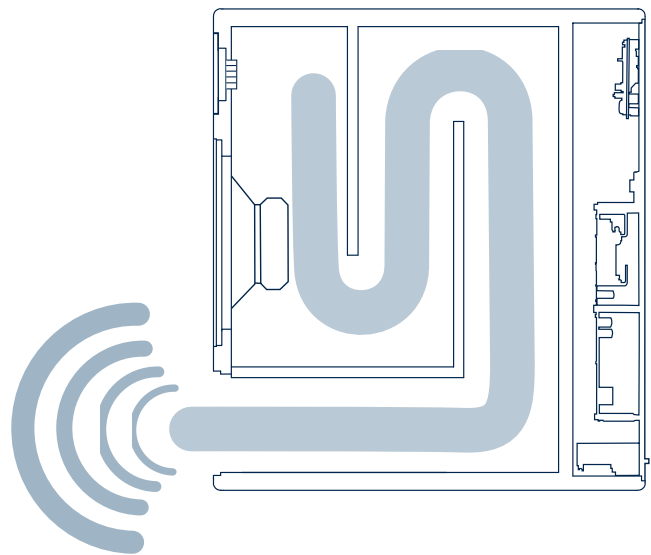
PMC's unique **ATL™** (Advanced Transmission Line) enclosures have taken loudspeaker design to the highest level, using sophisticated cabinet construction, proprietary drive units, and patented absorption materials and techniques. The benefits are enormous compared to the relatively simple sealed and ported designs currently available elsewhere.

PMC's innovative approach places the bass driver near one end of a long cavity **ATL™** (the Advanced Transmission Line). This cavity is heavily damped with acoustic material specified carefully to absorb the upper bass and higher frequencies radiating from the rear of the bass driver. The lowest frequencies are allowed to pass down the line and emerge from the large frontal vent in the same polarity as the driver's direct radiation, the vent acting essentially as a second bass driver.

An important benefit of the approach is that the air pressure inside the cabinet, which loads the bass driver, remains consistent. This helps to maintain control of the driver over a wide frequency range and significantly reduces LF distortion. Consequently, the upper bass and midrange detail is not masked by harmonic distortion and the result is PMC's characteristically transparent midrange, fast, attacking bass, and outstanding clarity.

A further advantage of the **ATL™** design approach is greater bass extension and higher SPL capability compared to typical ported or sealed designs of a similar size – even if similar drivers were used.

Moreover, the very consistent bass driver loading brings the welcome benefit that the frequency response remains consistent regardless of listening level, and analytical auditioning can be conducted without needing high replay volumes just to achieve an optimal bass response. This is a unique and very valuable characteristic of PMC's Advanced Transmission Line.



ATL™ bass loading technology offers the following advantages over ported monitors:

- Exceptional LF extension with no colouration
- Identical tonal balance at all levels
- Higher SPLs without compression or listener fatigue
- A truly accurate response that translates

'No other bass loading technology provides such resolution and tonal accuracy at all volume levels'



Specifications

			
Usable frequency response	50Hz - 25kHz	40Hz - 25kHz	35Hz - 25kHz
Maximum SPL	111dB @1metre	113dB @1metre	115dB @1metre
Effective ATL[™] length	1.5m (4.92ft)	1.6m (5.25ft)	1.9m (6.2ft)
Crossover frequency	1.8kHz	1.8kHz	1.8kHz
Drive units	LF 140mm (5.5 inch) HF 27mm Soft Dome	LF 170mm (6.5 inch) HF 27mm Soft Dome	LF 200mm (8.0 inch) HF 27mm Soft Dome
Cabinet dimensions	H 296 W 155 D 295 (mm)	H 406 W 194 D 364 (mm)	H 500 W 250 D 415 (mm)
Weight	5.4kg	8.4kg	12.2kg

Shared specifications

Input Connectors	Balanced analogue XLR, unbalanced RCA/phone AES3 digital XLR, (left/right channel selectable) All XLR-3F connectors wired Pin-1 screen, Pin-2 hot, Pin-3 cold Each input has independent ± 8 dB trim range
Input Sensitivity	Adjustable +4 to +20dBu
Digital Sample Rate	32 -192kHz, 24-bit via internal sample rate converter
Mains Power	IEC connector. 90-132 / 180-264V AC auto-sensing.
Amplifier Section	LF 150Wrms, HF 50Wrms
User Equalisation	LF Shelf ± 4 dB at 750Hz (twotwo.5), 500Hz (twotwo.6) or 500Hz (twotwo.8) HF Shelf ± 4 dB at 1kHz LF Rolloff 6dB/octave (50, 80, 120, 150, or 200Hz)
Volume Range	-48.5dB to +15dB

Subject to change without notice

The **twotwo** range features cutting-edge technology. The on-board DSP engine optimises the response of the drivers, guarantees a flawless crossover, maximises dispersion, and provides noninvasive protection using modelled excursion limiting. The ultra-low distortion, Class D dual-amplification system produces high-resolution audio with unparalleled headroom and detail, delivering 50W to the tweeter and 150W to the bass driver.

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