



Analogue XLR →
 AES3 digital →
 32-192kHz

The **twotwo sub2** is an active subwoofer designed to partner PMC's twotwo range of nearfield monitors. With its 400W Class-D amplification and long-throw flat-piston carbon-fibre/Nomex® bass driver, it delivers greater headroom and a wider dynamic range than the more compact **twotwo sub1**.

The **sub2** can be deployed to reproduce the LFE channel in surround setups, or in a 2.1 configuration with full-range **twotwo**s to produce midfield performance levels in confined spaces, such as broadcast or post-production environments.

Featuring a intelligent DSP which handles crossover and bass management, plus PMC's unique **ATL™** bass-loading technology for extended bass output with ultra-low harmonic distortion, the **sub2** delivers controlled, reference-quality sound at all listening levels, with an unparalleled transient response. Useful design features include analogue and AES3 digital inputs,

the latter accepting digital signals at sample rates from 32 to 192kHz. Switching between the sources is carried out from the rear panel or optional **rc1** wired remote. A single parametric EQ is provided to assist with in-room alignment. The digital input is also passed through to the sub's analogue and digital outputs, allowing **sub2** to be used as a high-end digital-to-analogue converter if required.



The optional **rc1** wired remote offers access to all of the functions of the rear panel. An easy-to-use jog wheel, makes remote set up, input switching & EQ quick & easy.





two two sub2 back panel



Specifications

Usable frequency response	22Hz - 200Hz
Effective ATL™ length	3m (9.8ft)
Drive units	LF PMC carbon fibre/Nomex™ 250mm/10"
Cabinet dimensions	H 510 W 630 D 377 (mm)
Weight	40kg
Input connectors	2 x balanced analogue Left/Right XLR Female 1 x AES digital XLR Female
Output connectors	2 x balanced analogue Left/Right XLR Male 1 x AES Output XLR Male
	NB: Analogue & digital outputs are active regardless of source
Input sensitivity	Adjustable +4 to +20dB (default +12.5dB)
Digital sample rate	32 - 192kHz, 24-bit via internal sample rate converter
Mains power	IEC connector 90-132V / 180-264V AC auto-sensing
Amplifier section	400Wrms
User configurable parameters	Parametric EQ: On/Off PEQ Gain: -8.00 to +7.87dB PEQ Freq: 20Hz-150Hz in 5dB steps PEQ Q: 1 to 8 in 0.5 steps LF Rolloff Slope: Off (6dB/Oct, 12dB/Oct, 18dB/Oct) LF Rolloff Frequency: 50Hz, 80Hz, 120Hz, 150Hz, 200Hz +10dB Gain: Off/On Phase Reverse: Off/On Phase: 0...180 degrees in 5 degree steps Left/Right Output Level: Fixed/Variable (Outputs can carry unprocessed or processed audio after bass management. They can also be at a fixed or variable level) Left/Right Output Response: Filtered/Full Range
Volume range	-48.5dB to +15dB
Finish	Black-blue

Subject to change without notice