The **twotwo sub2** is an active subwoofer designed to partner PMC’s **twotwo** range of nearfield monitors. With its built-in 600W, 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 powerful 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 **twotwo 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, and 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.
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
Output Connectors: 2 x balanced analogue Left/Right XLR Female

NB: Analogue & digital outputs are active regardless of source

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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: 600W rms
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 Frequency: 50Hz, 80Hz, 120Hz, 150Hz, 200Hz
- +10dB Gain: Off/On
- Phase: 0…180 degrees in 5 degree steps
- Left/Right Output Level: Fixed/Variable
- Left/Right Output Response: Filtered/Full Range

Volume Range: -48.5dB to +15dB
Finish: Black-blue

Subject to change without notice