

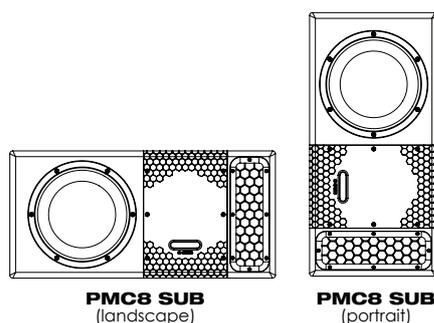


PMC8 SUB

The PMC8 SUB is a true low-frequency reference monitor which extends the bass response of your speaker system, imparting more of our signature ultra-clean, ultra-fast low end to any setup. It can be used as a compact stand-alone subwoofer within conventional multichannel systems, or as an XBD cabinet (and stand), creating a full-range PMC6 XBD midfield monitor. When used in this way, the dedicated 'XBD' DSP mode marries the speakers and sub unit together, creating a coherent full-range system. Our sub units are also perfectly suited to use in multi-channel and immersive systems, as our ATL™ bass-loading technology provides a gentler low-order LF roll-off than conventional ported cabinets, allowing a smoother, seamless integration between the height and surround channels and the sub.

Featuring one custom eight-inch long-throw bass driver, the PMC8 SUB is powered by a single 300W Class-D amplifier and controlled by the same powerful DSP engine as our other active models. DSP facilities include sophisticated room boundary equalisation options, parametric EQ, time delay, phase inversion, and the unique XBD mode, all configured via the loudspeaker's rear panel or the browser-based SoundAlign software.

- Active sub with an 8-inch bass driver & ATL™ bass loading
- Frequency response: 25Hz - 500Hz (-3dB) (@1m full space, on-axis)
- Max. cont. SPL: 109dB @1m (Quarter space value calculated as +3dB from half space measurement. Unweighted input, 20-20kHz Pink Noise (IEC) with 12dB CF for 2 hours AES2-1984 duration)
- State-of-the-art Class-D amplifier: LF 1 x 300W
- Analogue/AES3 digital input (16/24-bit, 18 - 192kHz sample rate)
- Digital 'through' output (AES3 24-bit 96kHz)
- SoundAlign network control interface for single or group EQ & settings
- Sophisticated DSP driver protection, EQ, and delay/phase options
- Dedicated XBD configuration mode



SPECIFICATIONS

PMC8 SUB

Type	Active subwoofer with an 8-inch bass driver and ATL™ bass loading
Drive unit complement	LF PMC 200mm (8") studio 8 driver
Effective ATL™ length	3m (9.8ft)
Frequency response	25Hz - 500Hz (-3dB) (@1m full space, on-axis)
Sensitivity	+4dBu input signal = 98dB SPL @ 1m
Max continuous SPL	109dB @1m (Quarter space value calculated as +3dB from half space measurement. Unweighted input, 20-20kHz Pink Noise (IEC) with 12dB CF for 2 hours AES2-1984 duration)
Max Peak SPL	121dB @1m (Quarter space value calculated as +3dB from half space measurement. Unweighted input, 20-20kHz Pink Noise (IEC) with 12dB CF for 2 hours AES2-1984 duration)
Input	XLR switchable between analogue & digital AES3 Analogue input - +20/+24dBu max. input level (selectable) - 22K ohm input impedance Digital input - 16/24-bit AES3 signal, left, right or left + right - 18 - 192kHz Sample Rate - 110 ohm input impedance Expansion card slot - For future connectivity upgrades
Output	XLR digital AES3 (fixed 24-bit @ 96kHz)
Network	RJ45 for use with PMC SoundAlign web interface
Features	Level Trim (+/-10dB) High-pass/Low-pass filter (20 - 200Hz, 12dB/Oct) Delay (0 - 30mS) Phase (normal or inverted) LF & HF shelving filters (20Hz - 20kHz, +/- 10dB, Q 0.707) Parametric EQ (5 bands, 20Hz - 20kHz, +/- 10dB) User presets (3 + factory defaults)
Latency	2.4mS
Amplifier power	300Wrms
Mains	100 - 240VAC auto-switching, 50-60Hz (IEC C14)
Power consumption (idle)	25W
Power consumption (max)	300W
Cabinet dimensions	H 266mm (10.5") W 551mm (21.7") D 440mm (17.3")
Weight	18.5kg (40.8lbs) each
Available finishes	Studio black



PMC8 SUB
rear panel



PMC8 SUB **PMC6 XBD**

