



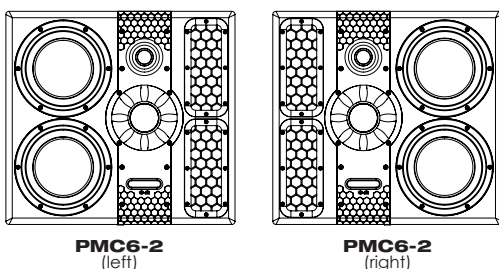
PMC6-2

A serious near/midfield monitoring tool that fits easily within any control room or immersive system, the PMC6-2 is unmatched in its outstanding clarity, forensic resolution, and sheer impact. It provides main-monitor scale, depth, and dynamics, and allows mix decisions to be made quickly, with absolute certainty and without fatigue.

This 3-way active monitor speaker combines two custom 6-inch ultra-long-throw bass-drivers with our radically engineered PMC55 2-inch soft-dome mid-range unit and a precision-built one-inch soft-dome tweeter. The PMC55's distinctive 'N-compass' waveguide enhances the wide dispersion and remarkable mid-range projection of the driver; in combination with the high performance of the tweeter, the result is an ultra-wide and stable image, with a smooth and natural in-room response. Each bass driver is individually powered by a cutting-edge 400W Class-D amplifier, and seamlessly integrated by our sophisticated, highly accurate DSP-based crossovers. As with the PMC6, the monitor is configured using rear-panel controls or the browser-based SoundAlign software, with comprehensive boundary and EQ options.

The PMC6-2 offers astonishing size-to-performance ratio thanks to its ATL™ bass-loading technology, which results in exceptional LF extension and consistent tonal balance at all listening levels. Our Laminair™ airflow technology, visible in the monitor's hexagonal vent ducts, further reduces colouration and enhances dynamics and efficiency.

A simple upgrade path converts the PMC6-2 to a full-range XBD system; just add a PMC8.2 SUB and select XBD mode to perfectly dovetail the two units, extending the response down to 25Hz with additional headroom.



SPECIFICATIONS

PMC6-2

Type	Active 3-way nearfield reference monitor with ATL™ bass loading
Drive unit complement	LF 2 x PMC 150mm (6") studio 6 drivers MF PMC55 55mm (2") soft dome mid-range HF PMC 27mm (1") soft dome tweeter
Effective ATL™ length	2m (6.6ft)
Frequency response	33Hz - 25kHz (- 3dB) (@1m full space, on-axis)
Sensitivity	+4dBu input signal = 98dB SPL @ 1m
Max continuous SPL	109dB @1m (Half space value calculated as +3dB from full space measurement. Unweighted input, 20-20kHz Pink Noise (IEC) with 12dB CF for 2 hours AES2-1984 duration)
Max Peak SPL	121dB @1m (Half space value calculated as +3dB from full space measurement. Unweighted input, 20-20kHz Pink Noise (IEC) with 12dB CF for 2 hours AES2-1984 duration)
Directivity	H +/-50 degrees V +60/-40 degrees (-6dB off axis @10kHz)
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 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 per channel	LF 2 x 400Wrms MF 1 x 400Wrms HF 1 x 400Wrms
Mains	100 - 240VAC auto-switching, 50-60Hz (IEC C14)
Power consumption (idle)	50W
Power consumption (max)	1500W
Cabinet dimensions	H 400mm (15.7") W 430mm (16.9") D 372mm (14.6")
Weight	21.3kg (47lbs) each
Available finishes	Studio black

