



PMC12 XBD

The PMC12 XBD represents a significant step up from the PMC10 XBD in its scale, dynamics, bass extension, and maximum SPL, and is designed for the most demanding professional environments. This system is ideally suited to high-end music recording, mixing, and mastering studios, as well as to larger broadcast, television, and film post-production facilities working in both stereo and immersive sound, where accuracy, power, and enormous LF headroom are critical requirements.

Each PMC12 XBD system comprises a pair of latest-generation Advanced Transmission Line (ATL™) cabinets, engineered with LaminairX™ venting to deliver uncompromising low-frequency extension, control, and efficiency. The primary cabinet features a hand-built 34mm soft-dome tweeter and a PMC75v3 midrange driver, both enhanced by PMC's proprietary n-compass™ waveguide, which guarantees precise dispersion, phase integrity, and absolute tonal consistency—ensuring every critical decision translates without question.

Low frequencies are reproduced by both cabinets using two newly developed, in-house designed 12-inch bass drivers. Each unit features double-stacked magnets, three-inch, three-layer voice coils, and highly stable suspensions that maintain linear motor force over extraordinarily extended piston excursions. This complex, innovative design delivers ultra-low distortion at all monitoring levels.

Power for the system is provided by PMC's master36 rack-mount DSP and amplification platform, delivering 800W each to the high- and mid-frequency drivers and 1000W to each bass driver—a massive 3.6kW of effortless power in all. Precision DSP provides optimised crossovers, transparent driver protection, and comprehensive room EQ via PMC's SoundAlign2 browser-based interface.



- Type: 3-way, 4-driver, dual-cabinet ATL™ active reference monitor
- Size of each cabinet: H 870mm x W 380mm x D 535mm (+10mm LF Driver surround)
- Complete cabinet weights: Master 3-way: 62kg, SUBxbd: 52kg
- Effective ATL™ length: 3.5m (2 x 11.5ft)
- Electronics (Per channel): 1 x PMC master36 DSP/Power amplifier
- Power per cabinet: 3600W (HF 800W, MF 800W, LF 2x 1000W)
- Full DSP Room Alignment EQ facilities with SoundAlign2
- Analogue & digital (up 192kHz) inputs



master36
Amplification per channel

SYSTEM VARIANTS



PMC12 XBD
(vertical tandem)



PMC12 XBD
(horizontal orientation)

OPTIONS AND UPGRADES



PMC12



PMC12 XBD
(vertical centre)



PMC12 XBD
(horizontal centre)



PMC12 SUB

Information and specifications are subject to change without notice.

