

# EB1

+45°



**EB1** is a 3-Way, **ATL™** (Advanced Transmission Line) floorstanding loudspeaker developed from one of the world's leading studio reference monitors.

PMC's proven philosophy of developing a domestic floorstander from an accepted professional reference monitor has once again been applied to a PMC design. The original development saw the highly successful FB1 evolve from the TB2 and this proven route has been taken again to produce the new EB1 floorstander from another global professional reference, the IB1.

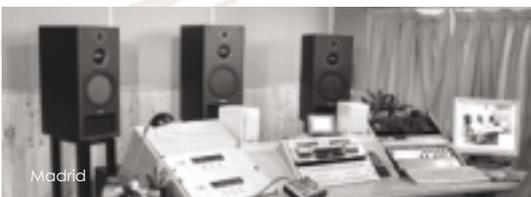
The 3-way EB1 has been painstakingly developed to create a more slender domestically friendly form, but displaying superior performance than its professional forebear. This has been achieved with a newly developed **ATL™** which provides unparalleled levels of ultra low distortion with greater bass extension and control. PMC's unique 10" piston driver coupled with the new extended line allows the EB1 to achieve a bass response down to an astounding 19Hz.

- Reference quality with a true professional heritage
- Exceptional low frequency extension
- Neutral & dynamic performance
- Consistent tonal balance and accuracy at all levels
- Neutral & dynamic response with pinpoint imagery

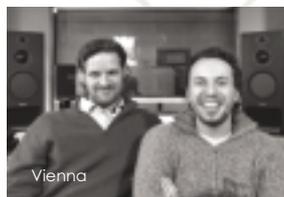
# ATL™

Advanced Transmission Line

The IB1 — Making music & movies the world over



Madrid



Vienna



Hilversum, Netherlands

The narrowing of the cabinet from the original IB1 has improved the already razor sharp imaging. The EB1's svelte cabinet houses a new compact 24dB per Octave crossover network engineered with the 31 hand selected, matched elements and features PMC's trade mark high power handling.



The EB1's 24dB/Oct hand built 31 element precision crossover

As with the professionally proven IB1, the EB1's mid-range unit is isolated in its own acoustically inert enclosure. This enclosure is lined with bitumastic material, then filled with specified foams which act like a micro transmission line for with the rear vented mid range unit. This provides transparent and untainted response throughout the all important vocal range.



The professionally proven mid-range unit in its isolated inert enclosure.



The awesome PMC Carbon fibre & Nomex™ 10" Piston driver

To integrate the EB1 into a surround configuration either IB1 or CB6 centre channel monitors are ideal. The matching SB100 sub, featuring an identical 10" Piston driver, completes a supreme surround package.



The CB6 makes an ideal partner for the EB1 as a discreet yet revealing centre channel



The SB100 sub features an identical PMC 10" piston driver, making it the obvious choice for the .1 effects channel in an EB1 based surround system



## Specifications

### Freq Response

19Hz-25kHz

### Peak SPL@1M

114dB

### Effective Line Length

3m (9.84ft)

### Drive Units

LF PMC 10"/250mm Carbon fibre & Nomex™ Piston

MF 75mm Fabric soft dome

HF 27mm fabric soft dome with ferro fluid cooling

### Crossover Frequency

380Hz & 3.8kHz

### Finish

Cherry or Walnut

### Dimensions

H 1200mm + 25mm spikes (47.2" + 1")

W 294mm (11.8")

D 465mm + 12mm grille (18.3" + 0.47")

### Weight

48 kg per unit (105.6 lbs)

### Input connection

3 pairs 4mm binding posts for Tri-Amp or Tri-Wire

### Input Impedance

4 Ohms nominal

### Sensitivity

89 dB 1W@1M

### Options

Magnetic shielding (M suffix)

Matching CB6 centre channel

Matching SB100 sub woofer

Subject to change without notice.

Cherry



Walnut



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