



## AML 1 Active Loudspeaker

The AML 1 is the first compact active monitor from the PMC stable.

It is like no other active monitor available, as every element in the build of the AML 1 is of the highest audiophile grade, from the custom drive units down to the OS-Con capacitors utilised in the key areas of the crossovers and power amplifiers. The AML 1 belies its size and boasts sub-35Hz performance from a modern sculpted compact cabinet.

This monitor has all the virtues of PMC tried and tested transmission line designs, including extremely low distortion with higher SPLs and deeper low frequencies than a traditional ported design of a similar size.

### Advantages of the AML 1 over other products are:

- Accurate and extended low frequency performance
- Lower colouration
- Neutral yet dynamic performance
- Consistent balance at all levels
- Higher SPLs without distortion or compression
- Rakish good looks

The AML 1 employs a flat piston bass driver constructed from a carbon fibre and Nomex honeycomb which allows large, controlled linear excursions. A high power handling soft dome unit is used for the high frequencies; the two drivers are integrated by discrete, low noise active crossovers. The amplifier and crossover designs are licensed from the high end manufacturer [Bryston](#). They deliver effortless, clean power whilst preserving neutrality of balance and image integrity. Bypassable user controls provide for input level adjustment, LF Roll off, LF tilt and HF tilt.

**Dimensions:** Height 400mm Width 200mm Depth 316mm **Weight:** 16 kg Each

## Specifications

### Usable Frequency Response

33Hz - 22kHz

### Effective Line Length

1.7 metres (5.5ft)

### Crossover

1.4kHz, 24dB/Oct.

### Drive Unit

#### Compliment

High Freq: 32mm Soft Dome

Low Freq: 165mm Carbon Fibre & Nomex flat piston

### Input Connectors

Balanced XLR3-F, Input Impedance 20k Ohms

IEC Mains(available 100V, 110V-120V, 220V,230V-240V)

### Amplifier Section

100W RMS LF Amp,

80W RMS HF Amp

Distortion <0.009% from 20Hz to 20kHz full o/p

Slew Rate >60V per microsecond

Power Bandwidth 1Hz to 100kHz

Signal to noise ratio 90 dB ref. 0dBu.

Sensitivity 0.775V for 106dB SPL @ 1 Metre

Power consumption 200W

### User Controls

LF Rolloff

(-3dB @ 50Hz, 80Hz, 160Hz)

LF Tilt

(@ 30Hz-12dB,-9dB,-6dB,-3dB,+3dB. Knee @ 500Hz)

HF Tilt

(@ 10kHz - 5dB,2.5dB,+2.5dB.

Knee @ 1kHz)

Calibrate switch for EQ defeat