PMC’s Advanced Transmission Line (ATL™)

ATL™ has taken loudspeaker design to new levels, by using a cabinet construction and highly specified drive unit and crossover components. The PMC ATL™ design has enormous benefits compared to sealed and ported models available elsewhere.

- Improved resolution & reduced distortion – cleaner, clearer and more natural
- Even frequency response – just smooth & well tempered
- Efficient, suitable for most amplifiers – great sound from the most modest amplifier
- Braced, rigid cabinet without flex or colouration – simply a better build
- Deeper, faster and better defined bass – it speaks for itself
- A further advantage of ATL™ is it produces higher volumes and lower bass extension than any other design of a similar size, even if identical drivers were used. The frequency response also remains consistent regardless of volume. Neither late night listening, nor prolonged monitoring sessions have to be conducted at high volumes to achieve maximum bass response – ideal for the home and professional alike.

‘No other technology offers this level of resolution’
The recently upgraded DB1+ is the world’s smallest transmission line monitor and produces outstanding dynamics, exceptional sound staging and incredibly deep bass, never before heard from a cabinet so small.

The DB1+ is ideal for stereo and surround applications for small and medium sized rooms. Reduction in scale however imposes no constraint on reproduction quality.

The hand built, acoustically matched DB5.1+ surround system provides a spectacular hemispherical sound image, where sense of space, clarity and the depth of bass is truly breathtaking. The beauty of this system is that it maintains a vice-like grip on both audiophile CD, SACD, DVD material, as well as Hollywood blockbusters soundtrack. Proof of its capabilities includes the installation of a DB5.1+ system in leading UK studio complex Metropolis Studios, London.

- PMC ATL™ (Advanced Transmission Line) with 4 sections
- Phenomenal bass response down to 50Hz
- Dedicated magnetically screened centre channel -DB1M-C+
- 27mm Twin Chamber fabric Soft dome HF with high performance ferro fluid cooling
- 140mm Doped LF driver with cast magnesium chassis
- Magnetic shielding available for close position to tube TV’s
- Hand built & matched Audiophile surround package - DB5.1+
- Matching Active Subwoofer - TLE1
- Suitable for bi-wire or bi-amp
- Dedicated speaker stand - Tube™ 61 DB1
- Custom wall bracket - BRKT-DB1

**Quotes**

- "A seriously good loudspeaker throughout the register, very emotional & a superb response for its size."
  - Audio Video - Prestige

- "An impressive small speaker”
  - "BEST BUY”
  - HiFi Choice

- "New Loudspeaker of the year 2004. Unburstable with room-filling sound that belies its size. A class winner at the price."
  - HiFi News

- "Sounds like it should cost twice as much. A superb, well balanced sound and bass that mocks the competition."
  - "RECOMMENDED"
  - AV Review.co.uk

- "The DB1+ are real entertainers! It’s impossible to keep your feet still”
  - HiFi.nl
The first bookshelf or standmount design to incorporate PMC’s ATL™, the original TB2 as astounded audiophiles and recording professionals alike, in both stereo and surround applications with its captivating musical accuracy. The latest + upgrade includes improvements in tweeter, crossover and transmission line damping which once again puts the TB2+ head and shoulders above its competition in all areas of performance. This two way stand mounted design features in many of the worlds leading recording and broadcast facilities such as BBC Radio.

The TB2+ shares many of the remarkable attributes of its smaller brother the DB1+ but in a larger stand-mounted design. The TB2+ allows higher volume levels as well as increased bass extension and definition; therefore it is equally suited to larger listening environments.

The TB2M-C+ dedicated magnetically screened centre channel, sports identical drive units and mates perfectly within a TB2+ or FB1+ based surround system.

- **PMC ATL™** (Advanced Transmission Line) with 3 folds
- Phenomenal bass response down to 40Hz
- Dedicated magnetically screened centre channel - TB2M-C+
- 27mm Twin Chamber fabric Soft dome HF with high performance ferro fluid cooling
- 170mm Doped LF driver with cast magnesium chassis
- Magnetic shielding available for close position to tube TV’s
- Matching Active Subwoofer - TLE1
- Suitable for bi-wire or bi-amp
- Dedicated speaker stand - Tube™ 61

**Quotes**

“A great soundstage which spreads out in front of you and there is no lack of fine detail”

“BEST BUY”
HiFi Choice

“Sublety & sophistication offered at a realistic price”. “It scores in its clarity & freedom from colouration”

“BEST BUY”
HiFi Choice
The GB1 was born out of two award winning PMC loudspeakers, the FB1 and OB1. Technological advances in ATL™ design provided a platform for the radical GB1 design, including the driver and cutting edge crossover techniques seen in the + models.

The GB1 has a slender form factor, ideally suited to modern domestic environments, but the GB1 belies its size and takes any material in its stride. From Copeland to Kraftwerk, it reproduces a soundstage on a huge scale, with superb bass energy and imaging. Critics have praised not only the low frequency depth but also the astonishing midrange and high frequency clarity that make any performance with vocal accompaniment truly captivating.

The GB1 is highly versatile and suited to modest studies or open plan rooms, either free standing or in close proximity to a rear wall.

- PMC Extended ATL™ (Advanced Transmission Line) with 4 sections
- Phenomenal bass response down to 29Hz
- Dedicated magnetically screened centre channel - DB1M-C+
- 27mm Twin Chamber fabric Soft dome HF with high performance ferro fluid cooling
- 140mm Doped LF driver with cast magnesium chassis
- Magnetic shielding available for close position to tube TV’s
- Suitable for bi-wire or bi-amp
- Stabilising plinth and levelling spikes
- Matching Active Subwoofer - TLE1

quotes

"Beautifully clean & articulate with delightful freedom from boxiness & delicate top end."
Thoroughly recommended

"Best Buy"
HIFI Choice

"Punchy, weighty and powerful with a midrange that is expressive and invigorating"
What HiFi?

"The GB1 has redefined what a £1000 speaker can achieve. You must audition the GB1!"
HIFI News
The FB1 was the first wholly domestic model from the PMC stable. From its humble drawing-board beginnings to the present day it has become an audio legend, winning awards on all continents from the leading audiophile critics. The FB1 has even received critical acclaim from respected professional magazines for its ability as a true reference-recording monitor. The + upgrade has once again raised the bar in what can be achieved in a 2-Way floorstanding enclosure with improvements to tweeter, crossover network and Transmission line damping material. These improved elements all add up to a cleaner, faster and more defined signature.

The FB1+ is closely related to the TB2+ - which is an ideal partner in an FB1+ surround system - but has the advantage of a far longer Advanced Transmission Line that allows for much greater bass weight and extension. Like the TB2+, the FB1+ provides a superb window on any recording; both loudspeakers will bring you the full dynamic force of a recording and pinpoint imaging to match.

- PMC Extended ATL (Advanced Transmission Line) with 3 sections
- Phenomenal bass response down to 28Hz
- Matching magnetically screened centre channels - TB2M-C+ or DB1M-C+
- 27mm Twin Chamber fabric Soft dome HF with high performance ferro fluid cooling
- 170mm Doped LF driver with cast magnesium chassis
- Magnetic shielding available for close position to tube TV’s
- Stabilising plinth and levelling spikes
- Matching Active Subwoofer - TLE1
- Suitable for bi-wire or bi-amp

quotes
“Impressive tonal range and a refined delicate touch when it comes to detail”
AUDIO EDITOR’S CHOICE 06
The Gramophone

quotes
“Beautifully natural”, “The balance is very impressive indeed”
“BEST BUY”
HiFi Choice

quotes
“Lively spirited performers with good drive units, excellent finish and offering real value for money”
HiFi News

quotes
“Supremely transparent & free from colouration, bass is solid & controlled, the top end sings with open, vibrant energy”, “GOLD AWARD”
“Best loudspeaker £1000-£2000”
HiFi Choice

quotes
“The FB1+’s look good & sound excellent and remain very easy speakers to live with”
The Gramophone
The OB1 is the first 3-way design in the PMC line-up. It represents a step-up in performance when compared to any of the 2-way models, offering additional resolution in all areas.

The OB1 employs an identical tweeter to the FB1+, but attains an even higher level of performance and signal resolution. The addition of a dedicated 75mm soft dome mid-range device, housed in an isolated enclosure, projects the critical vocal ranges far into the room, enveloping you in the performance. Bass is better defined, with the more piston-like woofer, which enhances the attack of bass notes, making them cleaner and crisper.

Moving to a 3-way device involves a far more sophisticated crossover network. This crossover has steep roll-off curves (24dB/octave) which guarantees higher power handling and far more natural in-room response.

To ensure the optimum functioning of all these highly specified components and eliminate cabinet colouration, the OB1 cabinet wall thickness has been increased to a combination of 18mm & 25mm.

The OB1 is at home in a multitude of spaces, from small to larger open plan sitting rooms. The OB1 will not inhibit extreme upgrades to source equipment, they simply act as a conduit allowing the quality to flow through.

- PMC Extended ATL™ (Advanced Transmission Line) with 3 sections
- Phenomenal bass response down to 28Hz
- Dedicated magnetically screened centre channel - CB6
- 27mm Twin Chamber fabric Soft dome HF with high performance ferro-fluid cooling
- 170mm Doped LF driver with cast magnesium chassis
- 75mm Soft Dome mid range in isolated enclosure
- 25 Element, 24dB/Oct Linkwitz Riley crossover
- Magnetic shielding available for close position to tube TV's
- Stabilising plinth and levelling spikes
- Matching Active Subwoofer - TLE1
- Suitable for tri-wire or tri-amp

**quotes**

“The impact of instruments and depth of character causes jaws to drop”

WhatHiFi? Sound & Vision Awards

“I would urge anyone looking for a speaker around this price to consider the OB1”

HiFi News Awards

“The Best Stereo speaker”

Gramophone Editors Choice

“I have found my new reference, the OB1”

HiFi Choice Readers awards

“The impact of instruments and depth of character causes jaws to drop”

WhatHiFi? Sound & Vision Awards

“I would urge anyone looking for a speaker around this price to consider the OB1”

HiFi News Awards

“The Best Stereo speaker”

Gramophone Editors Choice

“I have found my new reference, the OB1”

HiFi Choice Readers awards
## Specifications

<table>
<thead>
<tr>
<th>Product</th>
<th>DB1+</th>
<th>TB2+</th>
<th>GB1</th>
<th>FB1+</th>
<th>OB1</th>
<th>C6</th>
<th>TLE1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Freq response</td>
<td>50Hz-20kHz</td>
<td>40Hz-20kHz</td>
<td>29Hz-20kHz</td>
<td>29Hz-20kHz</td>
<td>28Hz-20kHz</td>
<td>25Hz-20kHz</td>
<td>20Hz-20kHz</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>87dB 1w 1m</td>
<td>90dB 1w 1m</td>
<td>87dB 1w 1m</td>
<td>87dB 1w 1m</td>
<td>87dB 1w 1m</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Effective (ATL)</td>
<td>1.5m STH</td>
<td>1.5m STH</td>
<td>2.4m 7.8H</td>
<td>3m 9.8H</td>
<td>3m 11H</td>
<td>1.9m 6.2H</td>
<td>3m 9.3H</td>
</tr>
<tr>
<td>Impedance</td>
<td>8 Ohms</td>
<td>8 Ohms</td>
<td>8 Ohms</td>
<td>8 Ohms</td>
<td>6 Ohms</td>
<td>6 Ohms</td>
<td>-</td>
</tr>
<tr>
<td>Drive units</td>
<td>LF Doped 140mm cast Alloy Chassis</td>
<td>LF Doped 170mm cast Alloy Chassis</td>
<td>LF Doped 140mm cast Alloy Chassis</td>
<td>LF Doped 170mm cast Alloy Chassis</td>
<td>LF Doped 170mm cast Alloy Chassis</td>
<td>LF Doped 170mm cast Alloy Chassis</td>
<td>LF 2 x Doped 175mm cast Alloy Chassis</td>
</tr>
<tr>
<td></td>
<td>HF 27mm Soft dome Ferro-fluid cooled</td>
<td>HF 27mm Soft dome Ferro-fluid cooled</td>
<td>HF 27mm Soft dome Ferro-fluid cooled</td>
<td>HF 27mm Soft dome Ferro-fluid cooled</td>
<td>HF 75mm Soft dome Ferro-fluid cooled</td>
<td>HF 75mm Soft dome Ferro-fluid cooled</td>
<td>-</td>
</tr>
<tr>
<td>Crossover Freq</td>
<td>2kHz</td>
<td>2kHz</td>
<td>2kHz</td>
<td>2kHz</td>
<td>380Hz &amp; 3.8kHz</td>
<td>380Hz &amp; 3.8kHz</td>
<td>-</td>
</tr>
<tr>
<td>Input connectors</td>
<td>2 pairs 4mm sockets Bi-Wire or Bi-Amp</td>
<td>2 pairs 4mm sockets Bi-Wire or Bi-Amp</td>
<td>2 pairs 4mm sockets Bi-Wire or Bi-Amp</td>
<td>2 pairs 4mm sockets Bi-Wire or Bi-Amp</td>
<td>3 pairs 4mm sockets Bi-Wire or Bi-Amp</td>
<td>3 pairs 4mm sockets Bi-Wire or Bi-Amp</td>
<td>2 x XLR, input Imp 20k Ohms</td>
</tr>
<tr>
<td>Dimensions</td>
<td>H 290mm 11.4” W 155mm 6.1” D 234mm 9.2”</td>
<td>H 400mm 15.7” W 200mm 7.8” D 300mm 11.8”</td>
<td>H 870mm 34.2” W 155mm 6.1” D 234mm 9.2”</td>
<td>H 1000mm 39.3” W 200mm 7.8” D 330mm 13.1”</td>
<td>H 1020mm 40.4” W 200mm 7.9” D 330mm 13.1”</td>
<td>H 1000mm 39.3” W 200mm 7.9” D 330mm 13.1”</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>4.5kg 9.9lbs</td>
<td>8.5kg 18.7lbs</td>
<td>10.5kg 23.1lbs</td>
<td>16.0kg 35.6lbs</td>
<td>21.5kg 47.3lbs</td>
<td>11.5kg 25.3lbs</td>
<td>17.5kg 38.5lbs</td>
</tr>
<tr>
<td>Options</td>
<td>Tube 61” DB1M-C</td>
<td>Tube 61”</td>
<td>Centre channel DB1M-C+</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>DB1 Wall Bracket</td>
<td>-</td>
<td>Centre channel TB2M-C+ Activation with Bryston Powerpac™ 60</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>Centre channel OB1M-C+ Activation with Bryston Powerpac™ 120</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>OB1 or IB1 based DB1+, TB2+, FB1+, OB1, CB6 surround systems</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
<td>DB1 Wall Bracket</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Most models are available with magnetic shielding - denoted by an “-M” model name suffix - and can therefore be safely positioned adjacent to standard tube televisions.

**wafer™**

For a discrete, stylish solution to surround or stereo look no further than the new wafer™ series.

Subject to change without notice.

Cherry | Maple | Oak

Standard Veneers | Other Premium veneers to order