

PB1*i*

ATLTM

Advanced Transmission Line



Precision, Poise and Power

○○○ **PMC**[®]



The impact, dynamics and sheer scale of the latest addition to the award winning *i* series is breathtaking. Those looking for razor sharp imaging and a gripping presentation in a slim line aspect should look no further than the PB1*i*.

- PMC Extended **ATL**[™] (Advanced Transmission Line) with four sections
- Phenomenal bass response down to 24Hz
- Dedicated magnetically screened centre channel - CB6*i*
- PMC/SEAS[®], 27mm SOLONEX[™] soft dome tweeter, ferrofluid cooled
- Twin PMC 6½"/170mm ultra stiff, long throw, doped bass driver with cast magnesium chassis
- 75mm Soft Dome mid range in an acoustically inert & isolated enclosure
- 31 Element, 24dB/Oct Linkwitz Riley crossover
- Matching Active Subwoofer for surround - TLE1
- Stabilising plinth and levelling spikes
- Suitable for tri-wiring or tri-amping



Gripping realism and power are the signature of the latest addition to the world renowned *i* series

Its ability to resolve every nuance in the mid and high frequencies derives from the combination of a silky smooth PMC/SEAS® developed tweeter and a professionally proven three inch (75mm) soft dome mid-range.

PMC's research into driver design has again produced dramatic results with the development of a new bass driver specifically engineered for the PBI*i*. The blend of ultra stiff lightweight cone and huge magnet assembly produces a highly potent device. The combination of two units working in tandem within a newly developed **ATL™** makes for a clean, fast and exceptionally extended bass response.



Dedicated PBI*i* bass unit



PBI*i* Crossover

The PBI*i* excels in medium and large rooms with modest or highly exotic source equipment.



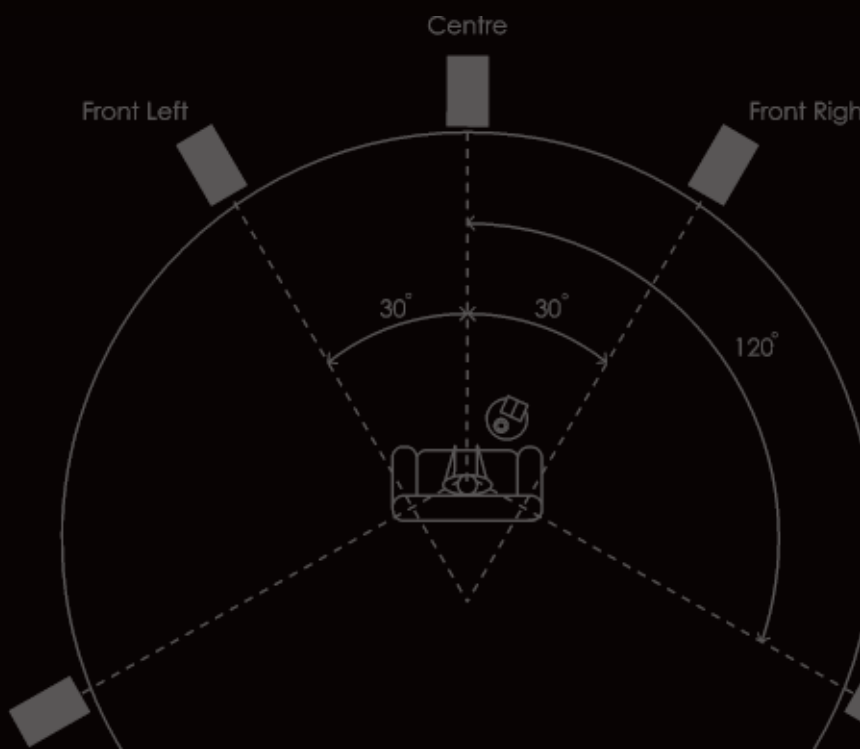
The CB6*i* is the perfect accompaniment to the PBI*i* in forming a front surround array with razor sharp imaging and all important vocal projection into the room.

Though substantially built, the PBI*i* offers an easy load and is therefore easily matched with a wide range of high quality amplifiers. This ease of drive is readily apparent on audition, the response remaining even and smooth throughout.

Seamlessly integrating the high, mid and bass drivers is a hand built, 31 element, 24dB per octave crossover network. This network of hand selected, measured and recorded components precisely divides the incoming signal from the amplifier. It only permits the required frequency range to be fed to each of the three drivers, increasing their power handling abilities and optimising the speaker's ultra wide dispersion characteristics. A natural rich balance and stereo image can be enjoyed over a wide area, not only in the prime listening position.

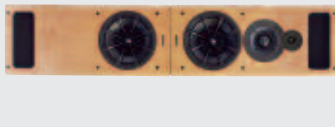
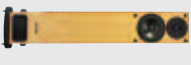


The TLE1 is a potent active sub woofer born of a combination of world's leading loudspeaker and amplifier designs, perfect for unbeatable movie or surround music reproduction.

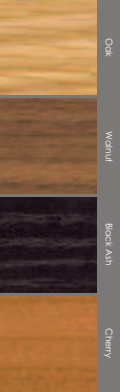


Specifications

Product	DB1 <i>f</i>	TB2 <i>f</i>	GB1 <i>f</i>	FB1 <i>f</i>	OB1 <i>f</i>	PB1 <i>f</i>	CB6 <i>f</i>	EB1 <i>f</i>	MB2XB <i>Df</i>	TLE1
Freq response	50Hz-25kHz	40Hz-25kHz	29Hz-25kHz	29Hz-25kHz	28Hz-25kHz	24Hz-25kHz	35Hz-25kHz	19Hz-25kHz	20Hz-25kHz	22Hz-200Hz
Sensitivity	87dB 1w 1m	90dB 1w 1m	87dB 1w 1m	90dB 1w 1m	87dB 1w 1m	87dB 1w 1m	87dB 1w 1m	89 dB 1w 1m	91dB 1w 1m	3m 98dB
Effective ATL™ (Advanced Transmission Line) length	1.5m 5ft	1.5m 5ft	2.4m 7.8ft	3m 9.8ft	3.3m 11ft	3.5m 11.5ft	1.9m 6.2ft	4m 13ft	2 x 3m 2 x 10ft	3m 9.8ft
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	6 Ohms	6 Ohms	6 Ohms	4 Ohms	4 Ohms	
Drive units	LF PMC Doped 140mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled	LF PMC Doped 170mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled	LF PMC Doped 140mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled	LF PMC Doped 170mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled	LF PMC Doped 170mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled	LF 2 x PMC Doped 61/2" 170mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Soft dome	LF PMC Doped 170mm cast Alloy Cross HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF 75mm Fabric Soft dome	LF PMC 107250mm Carbon fibre & Nomex™ Pelton HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF PMC 75mm Soft dome	LF 2 x 127/1310mm Radical™ Drivers HF 27mm SONOLEX™ Soft dome Ferro fluid cooled MF PMC 75mm Soft dome	LF 2 x PMC Doped 170mm cast Alloy Cross MF 75mm Soft dome
Crossover freq	2kHz	2kHz	2kHz	2kHz	390Hz & 3.8kHz -24dB/Oct	390Hz & 3.8kHz -24dB/Oct	390Hz & 3.8kHz -24dB/Oct	390Hz & 3.8kHz -24dB/Oct	390Hz & 3.8kHz -24dB/Oct (Externally mounted crossover)	Byton designed amp/bleed section 150W RMS Distortion <0.005 from 20Hz-20kHz (UL 610) Power bandwidth 1Hz-100kHz Signal to noise 90dB rel. Odbu Power consumption 160W User controls: Roll off - On/Off Radio frequency - 40Hz-150Hz @ 12dB/Oct Overall level Balanced/Unbalanced selection Variable phase 0-360°
Input connectors	2 ports 4mm sockets (Bi-Wire or Bi-Amp)	2 ports 4mm sockets (Bi-Wire or Bi-Amp)	2 ports 4mm sockets (Bi-Wire or Bi-Amp)	2 ports 4mm sockets (Bi-Wire or Bi-Amp)	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	3 ports 4mm sockets (Tri-Wire or Tri-Amp)	2 x XLR Input Imp 20k Ohms 2 x RCA Phono Imp 20k Ohms
Dimensions	H 290mm 11.4" W 155mm 6.1" D 234mm 9.2" + Grille	H 400mm 15.75" W 200mm 7.87" D 300mm 11.8" + Grille	H 870mm 34.25" + Finth W 155mm 6.1" + Finth D 234mm 9.21" + Finth	H 1000mm 39.37" + Finth W 200mm 7.87" + Finth D 300mm 11.81" + Finth	H 1025mm 40.4" + Finth W 200mm 7.97" + Finth D 325mm 12.8" + Finth	H 1084mm 42.5" + Finth W 204mm 8" + Finth D 401mm 15.8" + Finth	H 186mm 7.32" W 400mm 23.62" D 300mm 11.8" + Grille	H 1200mm 47.3" + Finth W 294mm 11.8" D 465mm 18.3" + Grille	H 1740mm 68.50" + 35mm Finth & adjustable spikes W 490mm 14.96" D 555mm 21.06" Cabinet (+150mm crossover housing)	H 550mm 21.6" W 200mm 7.87" D 545mm 21.5" + Grille
Weight	4.5kg 9.9lbs	8.5kg 18.7lbs	10.5kg 23.1lbs	18.0kg 39.6lbs	21.5kg 47.3lbs	24kg 52.8lbs	11.5kg 25.3lbs	4kg 10.54 lbs	99kg 215.4lbs	17.5kg 38.9lbs
Options	Tube 104™ Stands DB11 Wood Bracket Centre channel DB1M-CI M1 Magnetic shielding TLE1 Active Subwoofer	Tube 104™ Stands Centre channel TB2M-CI M1 Magnetic shielding TLE1 Active Subwoofer	Centre channel DB1M-CI M1 Magnetic shielding TLE1 Active Subwoofer	Centre channel TB2M-CI M1 Magnetic shielding TLE1 Active Subwoofer	Centre channel CB6 M1 Magnetic shielding TLE1 Active Subwoofer	Matching Centre channel CB6 centre channel TLE1 Active Subwoofer	Centre channel for OB1, PB1 or EB11 based surround systems Magnetic shielding as standard	Centre channel CB6 38100 sub woofer M1 Magnetic shielding	Centre Channel MB2-CI & MB2 sub woofer for use as a 1 effects channel with a surround configuration	Sub for 1 channel within a DB11, TB2, FB1, OB11, PB1, CB6 based surround systems



All models are available with magnetic shielding - denoted by an "M" suffix - and can therefore be safely positioned adjacent to standard tube televisions. CB6*f* is shielded as standard.



PMC

subject to change without notice

