

OB1

The OB1*i* is the first floorstanding model to employ three precision drivers and a sophisticated hand built 24dB per octave crossover. These factors create a major step up in performance with improved resolution in all areas.

The most noticeable feature of the OB1*i* is the complement of three precision drive units. Between the new PMC/SEAS[®] developed SONOLEX™ tweeter and PMC's unique bass unit sits the dedicated 75mm soft dome mid-range, housed in its own acoustically isolated enclosure. This professionally proven drive unit produces a wholly transparent mid range creating clarity of vocal that is truly tangible. The increase in bass definition derives from the stiffer piston-like woofer and upgraded ATL. The bass attack is immediate and packs a dynamic punch.

Feeding the three precision drive units of the quality found in the OB1*i* requires a very sophisticated crossover. Therefore, it features a hugely engineered network with ultra steep roll-off curves (24dB/octave) which guarantees high power handling and a supreme natural in-room response.

To guarantee the optimum function of all the featured components the cabinet has been engineered from 18mm and 25mm ultra high density Medite™. This not only creates a highly stable enclosure, but also eliminates cabinet flex and colouration.

As with all PMC designs the OB1*i* is efficient and can be driven with modestly powered amplification but will excel with more exotic source equipment and is equally at home in medium, and larger open plan rooms.

- PMC Extended ATL™ (Advanced Transmission Line) with three sections
- Phenomenal bass response down to 28Hz
- Dedicated magnetically screened centre channel – CB6*i*
- PMC/SEAS[®], 27mm SONOLEX™ soft dome tweeter, ferro fluid cooled
- 6½"/170mm stiffened & doped LF driver with cast magnesium chassis
- 75mm Soft Dome mid range in an acoustically inert & isolated enclosure
- 25 Element, 24dB/Oct Linkwitz Riley crossover
- Magnetic shielding available for safe positioning near tube TV's
- Matching Active Subwoofer for surround - TLE1
- Stabilising plinth and levelling spikes
- Suitable for tri-wiring or tri-amping



OB1*i* - Oak



OB1*i* - Showing ATL

CB6

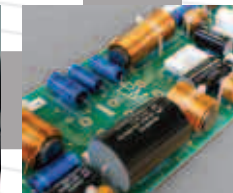


CB6*i* - Cherry

Components common to both the OB1*i* and CB6*i*



75mm soft dome midrange



Hand built and matched precision crossover



Tri-wire/tri-amp terminals

Only a three-way centre channel of the quality of the CB6*i* can match the transparency and resolution of the OB1*i*, and EB1*i* models. A combination of these models forms a front surround array that not only ensures perfect panning across the soundstage but razor-sharp imaging and all-important vocal projection into the room.

The professional proven 75mm soft dome mid-range, housed in its own acoustically isolated enclosure guarantees speech is clear and distinct even within the most complicated sections of a movie. The CB6*i* shares an identical bass unit to that of the OB1*i* and therefore handles dynamic events with ease.

The need for closely grouped drive units in such a low profile cabinet precludes the use of the standard *i* series tweeter therefore a special device with an ultra compact neodymium magnet assembly has been engineered with identical characteristics.

There are many similarities with the OB1*i* as the CB6*i* features the same hefty CNC cut 18 & 25mm panels in its cabinet construction as well as a similar 25-element crossover network featuring ultra steep roll-off slopes - 24dB/octave. This guarantees high power handling and wide natural dispersion providing a massive window into the performance.



CB6*i* - Showing ATL

- PMC ATL™ (Advanced Transmission Line) with three sections
- Phenomenal bass response down to 35Hz
- Perfect partner for OB1*i* & EB1*i* models
- Magnetically screened as standard
- Compact PMC/SEAS[®], 27mm SONOLEX™ soft dome tweeter, Neodymium magnet with ferro fluid cooling
- 6½"/170mm stiffened & doped LF driver with cast magnesium chassis
- 75mm Soft Dome mid range in an acoustically inert & isolated enclosure
- 25 Element, 24dB/Oct Linkwitz Riley crossover
- Matching Active Subwoofer for surround - TLE1
- Suitable for tri-wiring or tri-amping

Specifications

Product	DB1	TB2	GB1	FB1	OB1	CB6	EB1	TLE1
Freq response	50Hz-25kHz	40Hz-25kHz	29Hz-25kHz	28Hz-25kHz	28Hz-25kHz	35Hz-25kHz	19Hz-25kHz	22Hz-200Hz
Sensitivity	87dB 1w 1m	90dB 1w 1m	87dB 1w 1m	90dB 1w 1m	87dB 1w 1m	87dB 1w 1m	89 dB 1w 1m	
Effective ATL™ (Advanced Transmission Line) Length	1.5m 5ft	1.5m 5ft	2.4m 7.8ft	3m 9.8ft	3.3m 11ft	1.9m 6.2ft	3m 9.8ft	3m 9.8ft
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms	6 Ohms	6 Ohms	4 Ohms	
Drive Units	LF PMC Doped 140mm cast Alloy Chassis HF 27mm SONOLEX™ Soft dome Ferro-fluid cooled	LF PMC Doped 170mm cast Alloy Chassis HF 27mm SONOLEX™ Soft dome Ferro-fluid cooled	LF PMC Doped 140mm cast Alloy Chassis HF 27mm SONOLEX™ Soft dome Ferro-fluid cooled	LF PMC Doped 170mm cast Alloy Chassis HF 27mm SONOLEX™ Soft dome Ferro-fluid cooled	LF PMC Doped 170mm cast Alloy Chassis HF 27mm SONOLEX™ Soft dome Ferro-fluid cooled MF 75mm Soft dome	LF PMC Doped 170mm cast Alloy Chassis HF 27mm SONOLEX™ Soft dome Ferro-fluid cooled MF 75mm Soft dome	LF PMC 107/250mm Carbon fibre & Nomex™ Piston HF 27mm SONOLEX™ Soft dome ferro fluid cooled MF 75mm Fabric soft dome	LF PMC 2 x Doped 170mm cast Alloy Chassis
Crossover Freq	2kHz	2kHz	2kHz	2kHz	380Hz & 3.8kHz -24dB/Oct	380Hz & 3.8kHz -24dB/Oct	380Hz & 3.8kHz -24dB/Oct	Bryston designed amplifier Section 150W RMS Distortion <0.0095 from 20Hz - 20kHz full o/p Power bandwidth 1Hz - 100kHz Signal to noise 90dB ref. 0dBu Power consumption 160W User controls Roll off - On/Off Roll off freq variable - 40Hz-155Hz @ 12dB/Oct Overall level Balanced/Unbalanced selection Variable phase 0-360°
Input connectors	2 pairs 4mm sockets (Bi-Wire or Bi-Amp)	2 pairs 4mm sockets (Bi-Wire or Bi-Amp)	2 pairs 4mm sockets (Bi-Wire or Bi-Amp)	2 pairs 4mm sockets (Bi-Wire or Bi-Amp)	3 pairs 4mm sockets (Tri-Wire or Tri-Amp)	3 pairs 4mm sockets (Tri-Wire or Tri-Amp)	3 pairs 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 DB1M-Ci (Centre channel) H 155mm 6.1" W 290mm 11.4" D 234mm 9.2" + Grille	H 400mm 15.75" W 200mm 7.87" D 300mm 11.8" + Grille TB2M-Ci (Centre channel) H 200mm 7.87" W 400mm 15.75" D 300mm 11.8" + Grille	H 870mm 34.25" Plinth W 155mm 6.1" + Plinth D 234mm 9.21" + Plinth	H 1000mm 39.37" + Plinth W 200mm 7.87" + Plinth D 300mm 11.81" + Plinth	H 1025mm 40.4" + Plinth W 200mm 7.90" + Plinth D 325mm 12.8" + Plinth	H 186mm 7.32" W 600mm 23.62" D 300mm 11.8" + Grille	H 1200mm 47.3" + Plinth W 294mm 11.8" D 465mm 18.3" + Grille	H 550mm 21.6" W 200mm 7.87" D 345mm 13.6" + Grille
Weight	4.5kg 9.9lbs	8.5kg 18.7lbs	10.5kg 23.1lbs	18.0kg 39.6lbs	21.5kg 47.3lbs	11.5kg 25.3lbs	48 kg 105.6 lbs	17.5kg 38.5lbs
Options	Tube 104™ Stands DB1I Wall Bracket Centre channel DB1M-Ci 'M' Magnetic shielding	Tube 104™ Stands Centre channel TB2M-Ci 'M' Magnetic shielding Activation with Bryston Powerpac™ 60	Centre channel DB1M-Ci 'M' Magnetic shielding	Centre channel TB21M-Ci Activation with Bryston Powerpac™ 60 'M' Magnetic shielding	Centre channel CB6i Activation with Bryston Powerpac™ 120 'M' Magnetic shielding	Centre channel for OB1I or EB1 based surround systems Magnetic shielding as standard	Centre channel CB6i SB100 sub woofer 'M' Magnetic shielding	Sub for .1 channel within a DB1I, TB2I, FB1I, OB1I, CB6i based surround systems



DB1M-Ci



TB2M-Ci

All models are available with magnetic shielding - denoted by an "M" suffix - and can therefore be safely positioned adjacent to standard tube televisions. CB6i is shielded as standard.

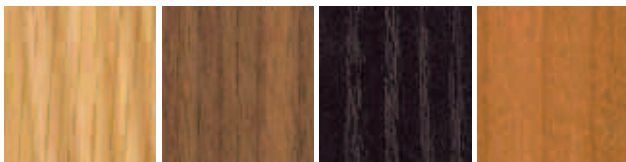
subject to change without notice

Oak

Walnut

Black Ash

Cherry



Wood veneers are subject to variation

wafer™

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