

# PLINIUS

THE HEART OF MUSIC

ODEON  
MULTICHANNEL  
AMPLIFIER



# ODEON MULTICHANNEL AMPLIFIER

The Odeon Multichannel Amplifier is the culmination of more than two years actual development time and twenty two years of Plinius heritage.

Although there are many fine home theatre amplifiers available none have really addressed the requirements of music lovers. From the outset the Plinius Odeon had to satisfy a real world musical presentation. This meant that if one replaced a Plinius stereo power amplifier in a two-channel system with the Odeon amplifier there would be no chance of feeling short changed.

The Plinius design team, headed by Gary Morrison, set about emulating the performance of a Plinius class A amplifier in a form that could be built into a multichannel chassis without compromise.

Internally the Odeon is striking in both its complexity and engineering excellence. The power supply is huge and uses 4 transformers connected in parallel to provide the drive necessary for up to six channels delivering 200 Watts each continuously. The main circuit board has the control circuitry plus the initial power supply filtering. The full benefit of the power supply can be heard when the Odeon is used in a two channel system, giving a sense of immense reserve regardless of the speaker demands.

There is further power supply filtering on the amplification modules and each single channel module is fitted with input and output terminals offering both Single Ended and Balanced input connections.



To future proof the Odeon, A Dual Channel Amplifier Module can be fitted at the time of purchase or easily added later as the system evolves. The 2 x 100 Watts Dual Channel Module allows expansion right up to twelve channels if necessary. Any combination of 5.1, 6.1, 7.1 etc is available and can be field fitted.

The Odeon can also be used in a two channel system as a stand alone tri-amplifier, delivering power and finesse to the most demanding speaker systems.

The Plinius Odeon is a highly developed home theatre amplifier and will form the nucleus of the best multichannel or two channel audio systems.

## Specifications for the Plinius ODEON

### Power

200 Watts RMS per module into 8 Ohms  
(6 modules fitted and driven)  
Each module driven from 20Hz to 20kHz  
At less than 0.2% total harmonic distortion

### Frequency Response

20Hz to 20kHz  $\pm 0.2$ dB.  $-3$ dB at 5Hz and  $-3$ dB at 70kHz

### Distortion

Typically  $>0.05\%$  THD at rated power. 0.2% THD and IM worst case prior to clipping

### Saturation

220 Watts per module or greater into 8 Ohms  
300 Watts per module or greater into 4 Ohms

### Current Output

40A short duration per module.  
Fuse protected.

### Rise Time

Typically 4us.

### Slewing

50V/us.

### Hum & Noise

90dB below rated output 20Hz to 20kHz unweighted.

### Gain on RCA inputs

32dB.

### Gain on balanced inputs

38dB.

### Input Impedance

47,000 ohms.

### Dimensions

Height 260mm (10.25")  
Width 460mm (18")  
Depth 585mm (23")  
Weight 54kg (120lbs)

### Colour

Available in silver or black.



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