

SYNTHESIS 1000 *évolution*

MACROM

ESOTERIC 2 CHANNEL AMP



SPECIFICATIONS

IHF POWER	1500 W
RMS Power	2 x 500 W @ 1 Ω , 12V 2 x 250 W @ 2 Ω , 12V 2 x 125 W @ 4 Ω , 12V
Bridged Power	500 W @ 4 Ω 1000 W @ 2 Ω
Frequency response	: 10 Hz - 50 kHz (+0/-1 dB)
Active high pass x-over	variable from 30 to 600 Hz, 12dB/Oct
Active low pass x-over	variable from 30 to 600 Hz, 12dB/Oct (12 or 24 dB/Oct in bridged mode)
Pre-out with variable crossover	: LP, HP or by-pass 30 to 600Hz, 12dB/Oct
1 Ω stereo compatible	(2 Ω bridged)
Trimode	
Signal/Noise ratio	: >100 dB
Dimensions	: 259 x 67 x 320 mm

▲ **BUILT FOR EXTREME SOUND QUALITY AND PERFORMANCES**

No compromise between Sound and Power

▲ **IHF POWER 1500w (1000w RMS BRIDGED UNDER 2 Ω)**

No comment

▲ **HIGH QUALITY COMPONENTS FOR HIGH QUALITY SOUND**

Polypropylene & polyester caps, top quality transistors, 1% tolerance anti inductive resistors, ultra fast diodes, 18000 μ F on the power supply, symmetrical construction, developed by top engineer

▲ **OVERSIZED CONSTRUCTION (HEATSINK, TRANSFORMER, CONNECTORS...)**

4x21mm² for power supply, 4x10mm² for speakers, 1000W power transformer, 3 kilo heatsink

▲ **DIS TECHNOLOGY : BY PASS FOR THE PRE AMP FOR COHERENT STEREO**

The "magic switch" allows you to by pass the pre amp for the highest pure quality sound

▲ **FCA TECHNOLOGY : 21mm² CONNECTORS FOR AN EXTERNAL CAP**

The connection is in the right place, close to the MOSFETs, no losses, the tension is always the same, the sound quality is better: it is a perfect world! (FCA = fast cap access)

▲ **DCT TECHNOLOGY FOR THE TRANSISTORS ON THE POWER STAGES**

Capacitors are soldered directly on transistors to increase speed and dynamics (DCT = Direct Cap on Transistor)

▲ **50°C REGULATED FAN CONNECTORS FOR AN EXTERNAL FAN**

The possibility of adding an external regulated fan

▲ **1 Ω (STEREO) AND 2 Ω (BRIDGED) COMPATIBLE**

To suit all situations

▲ **ULTRA COMPLETE INTERNAL ACTIVE CROSSOVER (HP OR LP)**

from 30 to 600Hz, 12dB/Oct for HP plus 30 to 600Hz, 12dB/Oct or 24dB/Oct (bridged) for LP

▲ **LINE OUT WITH X-OVER (HIGH PASS 12DB OR LOW PASS 12/24DB)**

with this connection an external amp can be regulated if desired by the internal crossover

▲ **OVERSIZED FULLY REGULATED PWM MOSFET POWER SUPPLY**

extremely large 1000W power transformer for incredible power and sound quality

▲ **ALL THE ADJUSTMENTS ARE ON THE TOP OF THE AMP**

if you tune it ten times a day you will not need to disconnect it every time....