



# Ecstasy A class Dual Mono tube preamplifier

A preamplifier must keep the audio signal as pure as possible, while amplifying and routing various source signals to the power amplifier.

The goal of the engineer is to achieve "a straight wire with gain" design, nothing more and nothing less.

Of course, the realization of this goal is much harder than it seems, but Synthesis's experience and meticulous circuit design has produced a string of exceptional stereo preamplifiers over the years, which has been taken to new heights in the Ecstasy. The Ecstasy is designed for the hi-fi purist in terms of its minimalist approach and absolute musical fidelity.

Independent to the mains transformer, each channel has a separate power supply to maintain excellent interference immunity between channels.

Component parts, such as an separated oversized power transformer and selected metallised polypropylene capacitors, along with circuit topology, have been carefully selected to obtain the best sound possible.



## Technical specifications:

|                     |                               |
|---------------------|-------------------------------|
| Input stage:        | 12AU7- ECC82                  |
| Output stage:       | 12AU7- ECC82                  |
| Input impedance:    | 100Kohm                       |
| Configuration:      | Shunt Regulator Push/Pull     |
| Gain:               | 10dB                          |
| Phase:              | Inverted                      |
| Output voltage max: | 20V RMS                       |
| Frequency response: | 20Hz to 20KHz 0dB             |
| Signal-Noise ratio: | >90dB, A weighted             |
| Input:              | Cdp, Tuner, Video, Aux1, Aux2 |
| Output:             | Tape Out                      |

### Controls:

*Front:* Input switch selector, Right volume, Left volume.

*Rear:* On-Off switch, male power sck, RCA gold plated connectors, protection fuses.

|                     |                                |
|---------------------|--------------------------------|
| Power consumption:  | 30W Max                        |
| Finish:             | Ecologically sensitive lacquer |
| Dimensions: (w,d,h) | 320x220x120mm                  |
| Weight:             | 8.0 Kg                         |



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