



Circuit Description

Balanced or unbalanced signals are processed in the 'Tape Stage' so that the signal level required by all professional tape machines are accurately delivered.

The amplifier is absolutely linear with a very high signal-to-noise ratio and minimal crosstalk. Signal levels

are optimized using calibrated VU-meters ensuring that recordings are made with the magnetic flux for which the respective machine is set-up (320 or 510 nWb / m). For monitoring, balanced outputs for the EternalArts twin type professional headphone amplifier are provided. When recording using the unbalanced inputs, the sensitivity may be switched from 'low' to 'high' in order to allow a perfect matching of the Tape Stage to almost any input level. During playing back using the unbalanced tube output, the output level can be reduced by 6 dB to avoid overloading any other equipment.

The VU-meters can be selected to display OVU=4 dBu or OVU=6 dBu depending on the signal levels being used.

As special feature is the cathode follower PC86 triode valve added to the unbalanced output. This delivers a tonal improvement over the entire frequency range and enhances recordings.

Old stocks of new PC86 (NOS) valves have been obtained and are available for future use.

EternalArts

by Dr. Burkhardt Schwäbe

Universal Tape Stage



Tapes and other equipment of our partner 'darklab' can be obtained from us.



EternalArts Audio Laboratorium

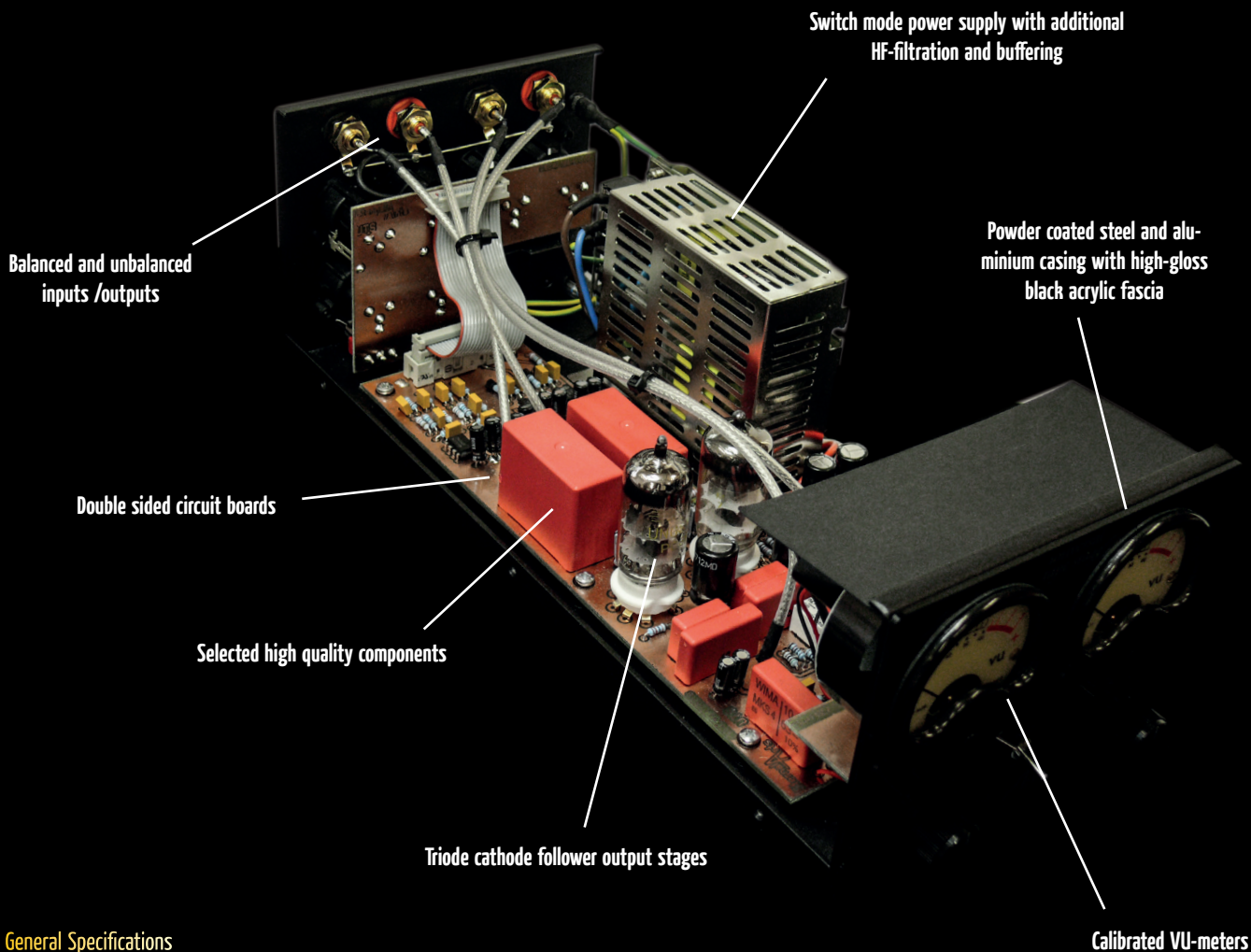
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*The fascinating world of
Tape Recorders*

The EternalArts **Universal Tape Stage** enables professional analogue tape machines without facilities for playing and recording to operate with studio and high end audiophile hi-fi-systems.



General Specifications

Dimensions:	13,5 (w) x 11 (h) x 33,5 cm (d)
Weight:	2,5 kg net
Ambient temperature usage:	10 to 50° C
Ambient humidity usage:	20 - 80%
Construction material:	black powderd steel chassis with high gloss aluminium hood; high gloss acrylic front, full metal knob
Voltage:	85 - 265 volts ~ 50 / 60 Hz
Power consumption:	25 watts
Ancillaries:	foil shielded power cord