

Product Information



EternalArts Universal Tape Stage – matching amplifier for professional Studio-Taperecorders

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.

- A compact preamplifier/buffer unit for the standardised operation of professional tape machines
- Powder coated steel and aluminium casing with high-gloss black acrylic fascia. Sorbothane feet
- Balanced and unbalanced input/outputs as standard
- Calibrated VU-meters, 0 dB-reading switchable for international (+4 dBu) and German studio level (+6 dBu)
- Adjustable 0.775 V and 1.55 V studio levels
- Switchable unbalanced input sensitivities
- Unbalanced tube output adjustable to 0dBu or -6 dBu
- Triode cathode follower output stages (PC86)
- Double sided circuit boards with gold-plated, 70 μ concealed conductors
- Switch mode power supply with additional HF-filtration and buffering
- Selected high quality components, high quality pots, gold-plated Neutrik sockets, relay controlled switching
- Wide bandwidth low noise design
- Made in Germany

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 0VU=4 dBu or 0VU=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.

Features

- Combined power-socket-toggle-fitting, 2-pin
- Illuminated VU meters
- Signal input stereo unbalanced (Neutrik RCA)
- Signal input stereo balanced (Neutrik XLR)
- Balanced output for headphone amplifier (Neutrik XLR)
- Signal output stereo unbalanced (Neutrik RCA)
- Signal output stereo balanced (Neutrik XLR)
- 3 micro switches for the operating modes (2 rear, 1 front)
- Tube output as cathode follower with one PC86 per channel

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

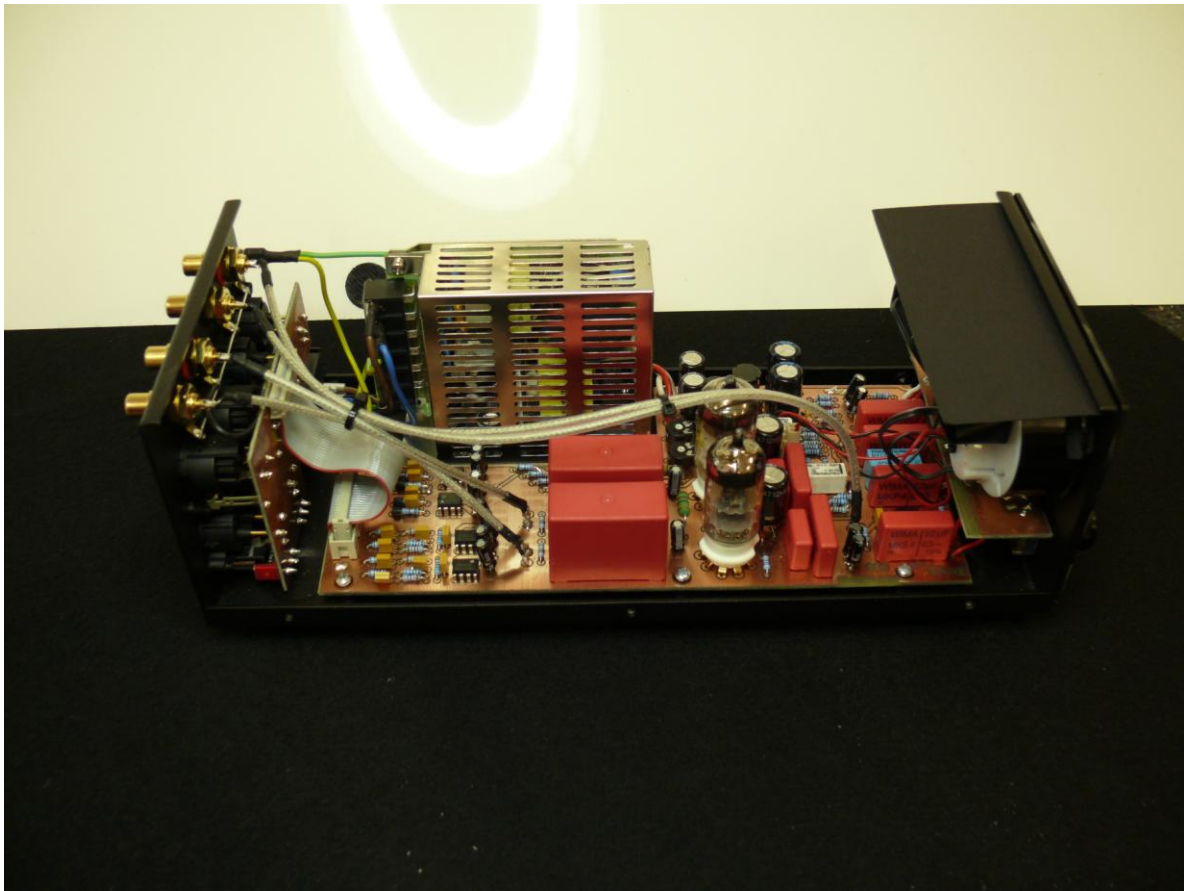
Technical Specifications

Input sensitivity (unbalanced):	low / high
Max. Input (unbalanced):	> 2 volts
Input impedance:	10 kohms
Frequency Range (+-1 dB):	20 – 80.000 Hz
Hum & noise:	84 dB
Signal-to-noise (A rated):	> 90 dB
THD (1KHz, 300 mVs, 10 kOhm):	$\leq 0,3\%$
Idle run stability:	fully

Warranty: 3 years







Manufacturer:



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