

TTR 300 Video YPrPb to YC Converter

TTR

TTR300 Video YPrPb to YC Converter



BROADCAST VIDEO YPrPb(YUV) to YC CONVERTER

The TTR300 is a compact high quality YPrPb to YC converter designed for ease of use and installation. It is available in a variety of configurations. The unit accepts YPrPb (i.e. Y,R-Y,B-Y, or YUV) signals and processes them to produce YC (i.e. S-VHS or Hi-8) signals. The Y output is clamped. The unit is available in both PAL and NTSC versions.

A typical application of the TTR300 is the conversion of inserts from Betacam, for example, when preparing or editing material in the S-VHS or Hi-8 format.

An on-board subcarrier generator locks to a reference signal which can be either a composite colour signal or colour black.

The TTR300 is available as a Eurocard. It can be housed in a portable case or in a 19" 1U rack unit which can accommodate up to four cards. The on-board power supply includes rectifiers and regulators allowing the power input to be either ac or dc.

Features

- Clamped Y output.
- PAL or NTSC versions.
- On board subcarrier generator locks to a composite colour signal or colour black.
- On-board regulators.
- Available as a Eurocard housed in either a portable case, or a 1U frame accepting up to four cards.

Specifications

VIDEO INPUTS	<ul style="list-style-type: none">● Y Frequency Response +/- 0.2dB to 5.5MHz● Y Linearity <0.4%● Y LF Tilt 1% at 50Hz● Residual synchronous subcarrier 1%
OUTPUTS	<ul style="list-style-type: none">● Pr - (700mV into 75R)● Y - (1V into 75R)● Pb - (700mV into 75R)
POWER	<ul style="list-style-type: none">● 98-125V or 198-250V (12VA nominal)
CASE	<ul style="list-style-type: none">● Width 19" rack mounting● Height 1U (44mm)● Depth 410mm including rear connectors● Weight 5 Kg (packed)
CONNECTOR TYPES	<ul style="list-style-type: none">● Video BNC● Power (mating supplied) IEC

TTR

TTR Ltd
84 Bridge Road,
Chertsey, Surrey
KT16 8LA. England.
Telephone: +44 (0) 1932 564063
Fax: +44 (0) 1932 885182
E-mail: Sales@ttr.co.uk