

V-50/TVC Timecode Video Clock

The **Timecode Video Clock** is ideal for **Broadcast & Security Applications** where it can provide accurate time-stamping information with an easily-updated text message. Date information can be automatically derived from the timecode data (if available) or entered manually if the timecode data does not include date information in the User Bits. All common timecode data formats are accepted, including of course, the formats incorporated in our Master Clocks. Timecode input is high impedance which means that a number of boxes may be fed with the same timecode data in parallel. Of course, each video feed requires its own V-50/TVC Timecode Video Clock to overlay the data on that video signal.

INPUTS / OUTPUTS

LTC Longitudinal Timecode I/P

Video Input
Video Output

Time / Date Formats

Text Message
Time / Date Insertion
Text Insertion

Unbalanced on RCA / Phono connector at nominal -6dBu
1V composite on BNC
1V composite video on BNC with Time / Date / Text overlayed onto input signal
Menu selectable to provide most commonly required combinations, including:
HH:MM:SS:FF (timecode) and UU:UU:UU:UU (user-bits)
HH:MM:SS, HH:MM in both 12 and 24 hour format
Day:DD:MMM:YY, MM:DD:YY etc etc
Up to 9 lines of 20 characters
Position and size adjustable
Position separately adjustable

WORTH CONSIDERING

Text Inserter with Keyboard Interface

Text Inserter with Serial RS-232 Interface

Controls and Indicators

V-50/KCT Keyboard / Caption / Titler for text overlay onto a video signal using plug-in AT keyboard which can title up to 32 channels

V-50/SCT Serial / Caption / Titler for text overlay onto video signal via RS-232 serial port using simple ASCII serial data protocol

ACCESSORIES

Standard package

Rack Adapter

Mains Plug-top Power Supply, Manual

V-RM50 rack adapter holds any combination of up to 3x V-50 timecode boxes

PHYSICAL

Dimensions
Weight
Power Supply

145x44x145mm (WxHxD) (1/3-width x 1-U rack height)
1/2Kg approx
Either 110VAC or 230VAC plug-top providing 9VDC at 500mA

Vortex Communications Ltd
75 The Grove, Ealing, London W5 5LL, UK
Tel: (+44) 020 - 8579 2743 ▼ Fax: (+44) 020 - 8840 0018
E-mail: info@vtx.co.uk ▼ Web: www.vtx.co.uk

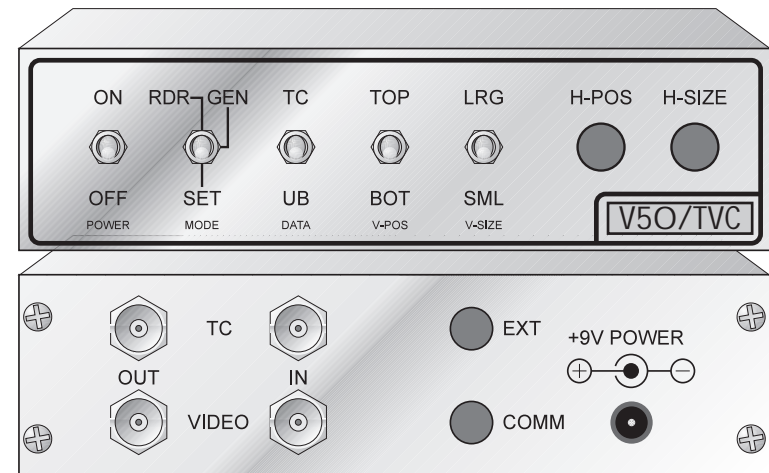
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SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
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VORTEX
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Time

Timecode Video Clock

V-50/TVC



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DESCRIPTION

The **V-50/TVC Timecode Video Clock** is part of our established range of versatile low-cost timecode products, housed in CE approved desktop metal cases, any 3 of which may be rackmounted using the V-RM50 rack adapter (available separately).

The **Timecode Video Clock** displays time and date information in a large number of formats, on a video signal. It can free-run locked to its internal oscillator, or receive a feed of EBU or SMPTE timecode (please specify at the time of order) which may include time information only or time plus date information in the user-bits. Front panel switches allow selection of the displayed time format (HH:MM:SS, HH:MM:SS:FF etc) and date format (eg Tue 1 April 03 or 04/01/03 or 01/04/03). In addition, a text message of up to 9 lines of 20 characters may also be created from the front panel and overlayed on the same video signal together with the time / date information.

Character size & position, plus black / white character & overlay box selection is also selected from the same simple configuration menu with all settings stored in non-volatile memory and video bypassed in the event of power failure.