



### FEATURES

- The TCS100 is an automatic time code (TC) changeover unit designed to provide automatic or manual switching between two time code sources (source A or B).
- Accepts SMPTE / EBU or IRIG-B (modulated and unmodulated TC), automatically determines TC type and switches to the alternate source if TC is lost or if a problem is detected in the primary TC source.
- Decodes both sources of incoming TC, compares availability and quality of both sources to a third internal standard maintained within the changeover unit and makes logical decisions concerning TC status for the purpose of automatic switchover.
- Front panel switches allow manual selection of source A or B or automatic mode.
- “Good” / “Fail” indication and selection status of each TC source and the changeover unit is shown with front panel LEDs.
- An auxiliary A/B source can be switched along with the TC. This auxiliary switching is a relay contact and can be used to switch any low level control or signal source.
- Internal alarms sound (can be disabled with jumpers) upon loss or failure of a source of TC or switcher unit. A relay contact closure is provided for an external alarm. Alarm can be reset from front panel.
- Status and other system information is provided via a simplex (one way) RS-232, 9600 BAUD
- Operates from 120/240 VAC, 50 – 60 Hz, with external wall mounted UL/CSA approved power supply (supplied) or external 12 – 28 VDC source (not included).

Rack mountable with an **RM4**



### SPECIFICATIONS

#### I/O Connections

- Power is 12-28 VDC via - 2mm male connector
- Power consumption < 2 watts
- Time code inputs – isolated BNC – balanced
- Time code output – isolated BNC - balanced
- Balanced input & output connections are available via DB-9
- Auxilliary switching connections via DB-9
- External alarm connections via DB-9

#### Operating Temperature

- Temperature: 0 to +70°C

#### Rack Mount

- Optional rack mount kit is available - RM4

#### Physical

**Size:** 4.2w x 1.5h x 5.5d in  
10.6w x 3.8h x 14d cm

**Weight:** 16 oz  
435 g

#### Case

- Cover - off-white aluminum
- Front/rear panel - clear anodized aluminum