TMD2112 Family

Redundant IRIG B00x Time code distribution

The TMD2112 family provides switching between two digital time code and distribution over 12 outputs.

The equipment is a 1U rack mountable 19 inches unit.

It has 12 outputs splitted over 6 connectors.

The power supply is redounded when the -R option is selected.

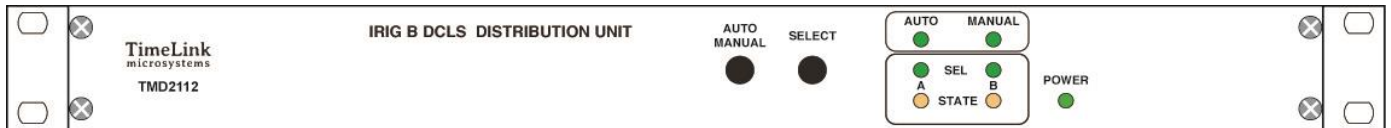In option 2 inputs with IRIGB00x in TTL format with 2 BNC connectors

Operations

On the front panel, 2 groups of 3 LEDs, combined with 2 push buttons allow:
• Selects the mode:
   Automatic or Manual
• Selects source in manual mode
   Source A or Source B
• Indicates the source chosen
• Indicates the status of the source

Remote control

Remote control is done via HTTP over an Ethernet connection 10/100 Mbit/s. It provides the equipment status:
• Operating mode
• Track status
• Channel selection

TMD2112 family front panel

TimeLink

Specifications

Inputs

Standard 200-98 compatible

IRIG B00X signal not modulated

Electrical interface RS422/RS485

Outputs

Copy of Input signal A or B.

Electric interface RS422/RS485, 12 outputs

Switching

The time to detect a fault on an input is ≤50ms

The switching time is ≤ 100ms

Redundant AC power

2 x 230V AC Power supply

CEE 2P + T socket with mains filter,

ON / OFF switch

Voltage: 85-264VAC / 47-440Hz

Power consumption: <20W to 230VAC over 50 Hz per power supply

Connections

The input and output signals are distributed on the rear panel of the equipment

The connectors for the two inputs and the 12 outputs are male SubD 9

The remote-control connector is an RJ45 type

Temperature

Operating temperature: -10 ° to 60 ° C

Storage temperature: -20 ° to 70 ° C

Operating relative humidity: 10% to 90% (non-condensing)

Storage relative humidity: 5% to 95% (non-condensing)
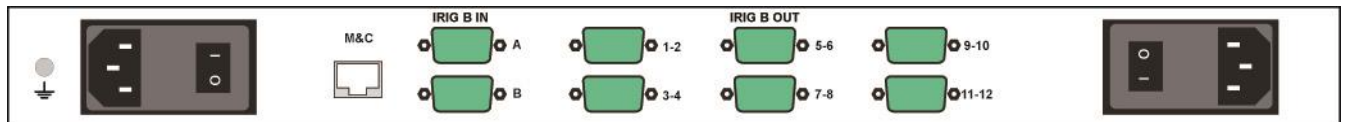
Dimensions

Rack 1U 19'' Depth 320 mm

Weight

< 3.5 Kg with the 2 AC power cables

MTBF

> 150 000 h

Certification

Certification with EU, ROHS, Reach, EAR99 et ITAR free

TMD2112-R back panel

Ordering code:

TMD2112: standard model

TMD2112-R: standard model with 2 AC power supplies

TMD2112-R -TTL-IN: standard model with 2 AC power supplies and 2 inputs: IRIGB TTL format & BNC connectors