

# TMD2112-2R

## Redundant IRIG B00X Time code distribution

The TMD2112 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.

### Operations

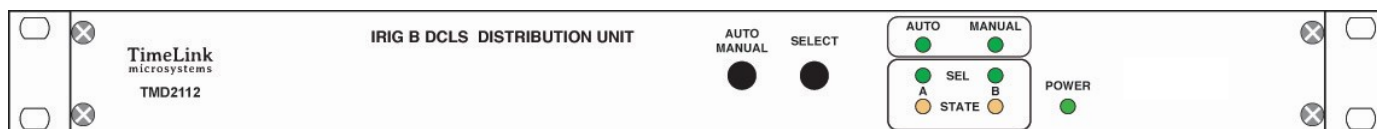
On the front panel, 2 groups of 3 LEDs, combined with 2 push buttons allow:

- 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 front face

## 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  $\leq 50\text{ms}$   
The switching time is  $\leq 100\text{ms}$

### 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:  $< 20\text{W}$  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:  $-10^{\circ}$  to  $60^{\circ}\text{C}$   
Storage temperature:  $-20^{\circ}$  to  $70^{\circ}\text{C}$   
Operating relative humidity: 10% to 90% (non-condensing)  
Storage relative humidity: 5% to 95% (non-condensing)

### Dimensions

Rack 1U 19" depth 320 mm

### Weight

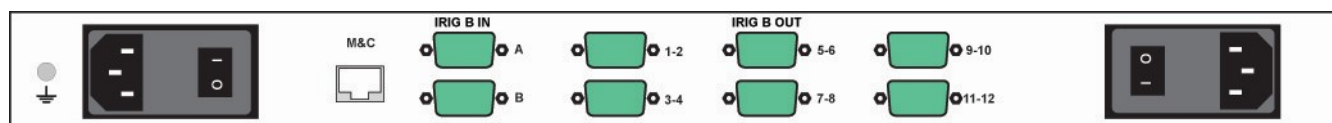
$< 3.5\text{ Kg}$  with the 2 AC power cables

### MTBF :

$> 150\,000\text{ h}$

### Certification

Certification with EU, ROHS et ITAR free



TMD2112 back face

### Ordering code:

**TMD2112-2R** : standard model