

# TMD1132

## TMD1132-R

## TMD1132-2R

### Redundant 1PPS Amplifier and distributor

#### Redundant frequency Distributor

#### Automated switch

#### Remote monitoring and Control

The TMD1132-XR equipment provides switching, amplification and distribution between two 1PPS (TMD1132-R) or 1PPS. The equipment has 10 outputs.

The equipment is a 1U rack mountable 19-inch unit.

options:

- **TMD1132** has 1 PPS input and 10 1 PPS outputs.
- **TMD1132-R** has 2 selectable PPS inputs and 10 outputs.
- **TMD1132-2R** has 2 selectable outputs and 2 power supplies.

#### Operation TMD1132

On the front panel, a LED displays the status of each output.

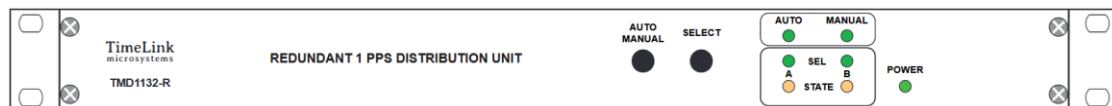
#### Operation TMD1132-R /2R

On the front panel, two push buttons combined with two groups of three LEDs allow to:

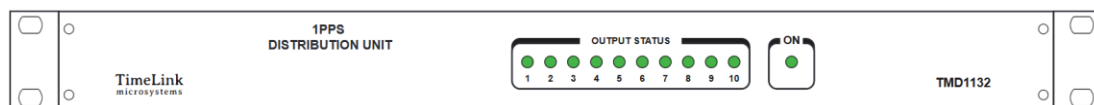
- Select the mode: Automatic switch or Manual switch
- Select the source when in manual mode between Source A and Source B
- Indicate the selected source
- Indicate the status of the source

#### Remote Control

Remote monitoring and control are done via an Ethernet 10/100 Mbit/s connection using either HTTP or a proprietary UDP protocol. It provides the equipment status and allows configuring the mode of operation.



TMD1132-R or 2R Front Panel



TMD1132 Front Panel

## Specifications

### Inputs

Inputs accept signals level from +2.5V to +9V whatever the pulse width. Isolated BNC, 50ohm.

### Outputs

10 adjustable outputs from 2.5V to 7V. Isolated BNC, 50 ohm.

Rising time <10ns.

### Switching

Fault detection delay is < 40ms.  
Switching time is < 50ms.

### Redundant AC Power

Two 230V AC Power Supply.  
CEE 2P + T socket with mains filter.  
ON/OFF switch.  
Voltage: 85-265VAC / 47-64Hz.  
Power consumption:<20W

### Connections

The input and output signals are located on the rear panel of the equipment. By default the connectors for the two inputs and the 10 outputs are BNC type.

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)

### MTBF

>100 000 h TMD1132  
>150 000h TMD1132-2R

### Dimensions

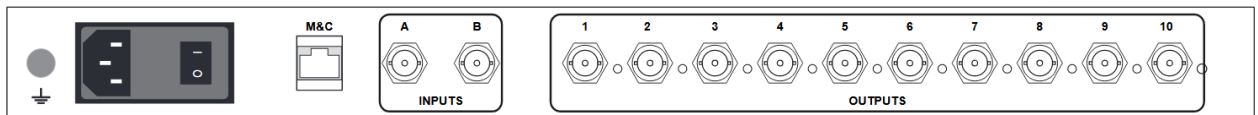
Rack 19" 1U, Depth 280mm (305mm including connectors)

### Weight

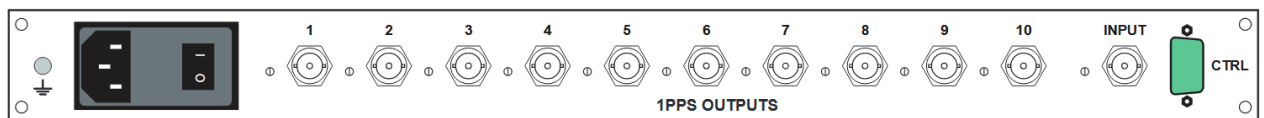
< 3.5Kg

### Certification

Certified CE, ROHS, REACH, ITAR Free & EAR99



TMD1132-R Back Panel



TMD1132 Back Panel

### Ordering Code:

**TMD1132:** *standard*

**TMD1132-R:** *Redundant input*

**TMD1132-2R:** *Redundant input and power supply*

*Please contact us for any further options needed*