



SR1101-R

Redundant time-Code Amplifier-distributor

Features

The SR1101 redundant distributor provides analog IRIG B, time code amplification and distribution. The time codes are based on a 1 kHz (or 10 kHz) amplitude modulated (1/3,1/1) sine-wave carrier.

The equipment is housing in a 1U rack mount unit.

- 2 LED's (On and ALARM) shows if the equipment power supply is OK and if it switch in alarm.
- 3 LED's associated with a push button shwos the different status :
 - AUTO : automatic selection of the source.
 - A or B : channel A, active A active, respectively B.

The push button allows to manually select the operating mode of the equipment : A, B or automatic.

If the LED A / B are red it signals the presence of non-input signal.

Selection / Amplification time code:

The equipment receives the analog signal input from 2 sources of IRIGB external time code. In AUTO position, the equipment automatically selects valid source. The signal is amplified and distributed over 10 outputs of the equipment.

Settings :

Each of the 10 outputs could be adjusted. The settings is: The gain of each output amplifier. The gain of each amplifier is adjusted by a dedicated potentiometer.

All the input/outputs connectors are located on the rear face of the equipment.

The power supply uses a fused standard 230V AC connector, CEE compliant, with filter & ONN/OFF switch.

The analog time code signal connector is a base isolated female BNC. The input circuit impedance is 600 Ω .

Remote control

The equipment can be remotely monitored and commanded through an Ethernet 10/100 Mbit/s connection using either standard HTTP or UDP protocols

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Specifications

Time code input: isolated BNC, 600 Ω transfo or BR2. 1 kHz or 10 kHz amplitude modulated sine-wave carrier (1/3 1/1).

Amplified code output: isolated BNC (600 Ω transformer or BR2) adjustable output level

The input accepts signals from +2 to 7 V peak-peak

The outputs are identical to input level ± 1V peak-peak on 600 Ω.

- All outputs are isolated

Width = 19" (481 mm), Height = 1U (44.5 mm), Depth 351 mm

Weight: 3 Kg.

Consumption: 20 W.

MTBF = 63 000 h

Ordering information

SR1101 - R BNC connectors - 10 outputs

