

## 1100 SERIES

# Time-Code Amplifier distributor

## Features

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v The SR1100 amplifier provide analog IRIG A, IRIG B, NASA36 or any other format, Time code amplification and distribution. The time codes are based on a 1 kHz (or 10 kHz) amplitude modulated (1/3 or 1/1) sine-wave carrier.

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

v On the front face two LED shows the equipment status: the LED « ON » indicate the power supply on. The LED « SIGNAL » indicates the presence of an input code.

### Time code amplifier :

- In input the equipment receives an analog signal from an external IRIG A, IRIG B, NASA 36 source.
- When detecting an input signal, the LED « SIGNAL » turns on. The amplified signal is distributed over the 12 outputs of the equipment.

### Settings :

Each of the twelve outputs track could be adjusted. These settings are : the gain of each output amplifier, the output signal phase.

- The gain of each amplifier is adjusted by a dedicated potentiometer.
- The output level is independently settled for each type of output.
- The phase could be reversed up to 180° by mean of dedicated truck strap.

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

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

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

# SR1100

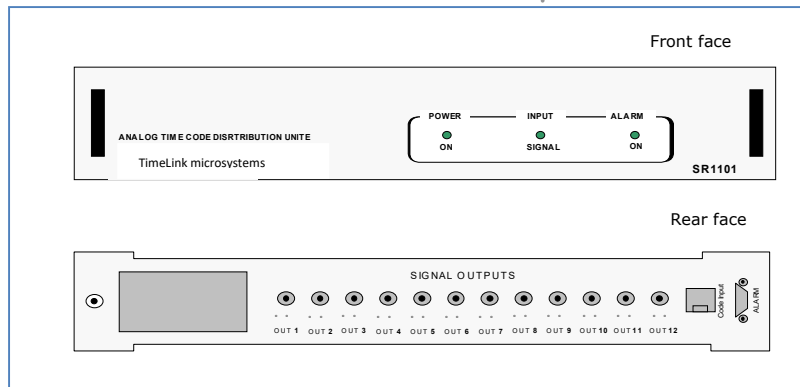
## Time Code Amplifier-distributor

### Specifications

- ✓ Time code input: isolated BNC, 600 Ω transformer or BR2. 1 kHz or 10 kHz amplitude modulated sine-wave carrier (1/3 or 1/1).
- ✓ Amplified code output: isolated BNC (600 Ω transformer or BR2) adjustable output level .
- ✓ Width = 19" (481 mm), Height = 1U (44.5 mm), Depth 351 mm
- ✓ Weight: 1,5 Kg.
- ✓ Consumption: 20 W.
- ✓ MTBF = 63 000 h

### Ordering information

- SR1101 - 1** BNC connectors - 12 outputs + Alarm output on SubD connector (dry contact), led on front panel
- SR1101 - 2** BR2 connectors - 12 outputs + Alarm output on SubD connector (dry contact), led on front panel
- SR1101 - 3** RJ45 connectors - 12 outputs + Alarm output on SubD connector (dry contact), led on front panel



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