

1100 SERIES

Time-Code Amplifier-distributor

Features

- 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 (1/3,1/1) sine-wave carrier.
- The equipment is housing in a 1U rack mount unit.
- On the front face two LED shows the equipment status : the LED « ON » indicate the power supply on. The LED « SIGNAL » indicate the presence of an input code.

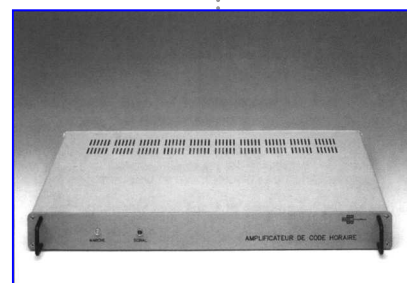
Time code amplifier :

- 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.
- 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.



SR1100

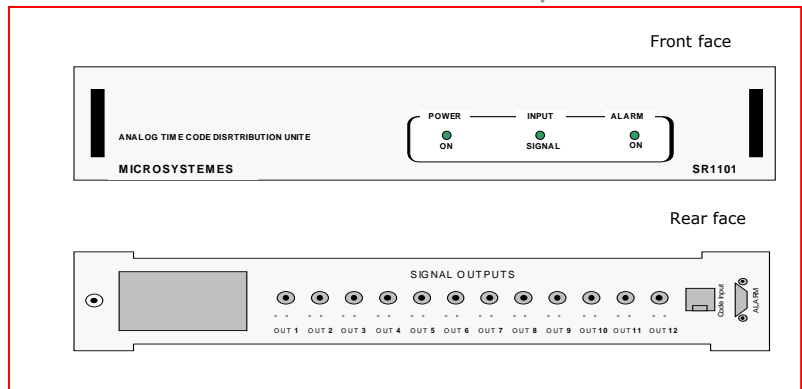
Analog Time Code Amplifier-distributor

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 .
- 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



MICROSYSTEMES
Time-frequency & Networks

ZI du chapitre – 14, rue Jean Perrin
31100 Toulouse – France
Tél. : 33 - 5 62 87 10 70
Fax : 33 - 5 62 87 10 77
www.microsystemes.com