

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 10 outputs of the equipment.

Settings :

Each of the ten 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.



