

TMD1401

IRIGB Time-Code Amplifier distributor

Features

✓ The TMD1401 amplifier provides 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.

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

✓ On the front face three LEDs shows the equipment status: the LED « ON » indicate the power supply on. The LED « INPUT » indicates the presence of an input code. The LED « OUTPUT » indicates fault on the outputs.

✓ Each output has a LED indicator displaying its status.

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 level can be adjusted by a dedicated potentiometer.

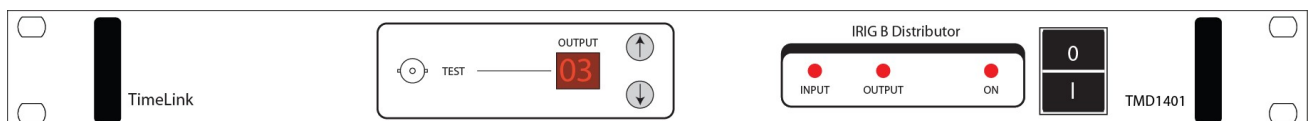
✓ All the input/outputs connectors are located on the rear face of the equipment.

✓ The power supply uses a fused standard 115V/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.

Test output :

A test output is located on the front face and can distribute either the input or one of the output.



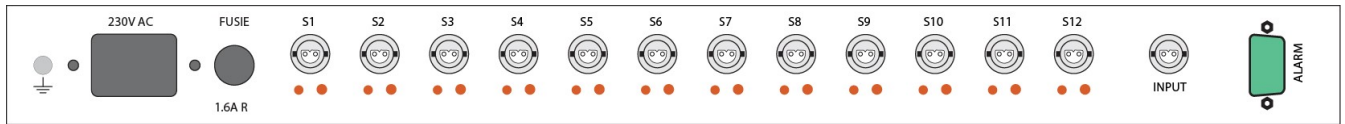
TMD1401 Front Face

TMD1401

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 or BR2 (600 Ω transformer) adjustable output level from 1Vcc to 12Vcc.
- ✓ Alarm dry contact DB9 output
- ✓ Power supply : Input 115-230V / 50-60Hz (1.6A fuse)
- ✓ Width = 19" (481 mm), Height = 1U (44.5 mm), Depth 351 mm
- ✓ Weight: 1,5 Kg.
- ✓ Operating temperature: -20° to 60°
- ✓ Operating relative humidity: 10% to 90% (non-condensing)
- ✓ MTBF = 150 000h
- ✓ Consumption: <20 W.



TMD1401 Back Face

Ordering information

- TMD1401-1** BNC connectors - 12 outputs + Alarm output on SubD connector (dry contact), led on front panel
- TMD1401-2** BR2 connectors - 12 outputs + Alarm output on SubD connector (dry contact), led on front panel



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