



Tracked on GPS, the CT-GPS 2002 is designed to feed the IRIG-B format needed clients. It gives out both DCLS IRIG-B and AM IRIG-B time code. The internal time base unit OCXO ensures the continuous precise time signal in case the external GPS source is interrupted for any reason.

KEY FEATURES

- AM and DCLS IRIG-B outputs
- GPS input source
- OCXO time base unit
- High timing accuracy, microseconds pulse outputs
- Multiple serial output and interactive mode
- Compact 19" / 2U rack mount
- Feasible for long distance transmission
- Touchable control, flexible employment
- GPS Antenna included

Specifications

⇒ Environmental Conditions

- Operating Temperature: -10 ~ +55 °C
- Storage Cond.: -20 to +55°C
- Humidity: up to 95% non-condensing

⇒ Power Supply

- Voltage: 190~260V DC
or 190~260V AC
- Frequency: 47 to 60 Hz
- Power consumption: ≤25 Watts

⇒ Output signals

- 4xAM IRIG-B,4xDCLS IRIG-B
- 8x 1PPS/1PPM/1PPH (User Configurable)
- 2xRS232, 2xRS485/422 (Optional 1200,2400,4800 or 9600 Baud)

⇒ Performances

- Timing Accuracy: ±1 μs
- Location Accuracy: 0.1'
- Acquisition:
 - Cold start <15mins
 - Restart from outage < 20s
 - Restart at the same location < 2mins
 - Restart in a new place < 7mins

⇒ Mechanical

- Size (W×H×D): 19" ×2U×300 mm
- Weight: 3.5KG

⇒ Front Panel

- Display: Red sharp display of local time received from GPS & setting code display
- Keypads: MENU, “▶”, “+”, ENTER”
- LEDs: (Dual-color green/red)
 - POWER: Power status
 - 1 PPS: Twinkle once per second in normal working status
 - SYNC: Synchronization status

⇒ Rear Panel**⇒ Scope of supply**

- 1xCT-GPS 2002 IRIG-B Time Server
- 1xGPS antenna in waterproof housing with 30m low loss coax cable
- 1xPower Cable
- 2xOperating instruction handbook
- Certification

Note that, if all the GPS clocks couldn't satisfy please feel free to contact us. We are very pleased to provide custom-made ones especially for you.

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