



The optional **RC600** (right) is a remote control that adds both count-down and count-up timer control features to our NTDS and TCDS clocks.

The **TCDS112** digital clock syncs to IRIG-B, SMPTE and EBU time codes for accurate traceable time. Each unit configures to time zone and daylight savings time parameters. WinDiscovery software is included.

## Features

- 1-in (2.5 cm) 12-digit LED display available in red, green, blue or amber
- Reads IRIG-B, SMPTE 12M, 309M, 24/25/30 fps, 29.97 drop frame
- Retains time and date during loss of power and/or reference using a battery backed real-time clock (RTC) chip and maintenance-free rechargeable battery
- Configures to time zone and daylight saving time parameters
- WinDiscovery software utility included - provides easy configuration of clocks
- Configuration is saved to non-volatile memory and survives power losses
- Password protection prevents unauthorized clock configuration tampering
- Display time in 12- or 24-hr format - hh:mm:ss
- Display date - mm:dd:yy, dd:mm:yy or yy:mm:dd
- Configurable to alternate showing date and time automatically
- Adjustable brightness levels
- Visibility: 50 feet (15 meters)
- Dry contact relay option
- PM indicator

## Options

- Surface mount (desktop version)
- Rack-mount (TCDS112-RM)

## Specifications

### Connectors

- BNC female
- 3-pin terminal block
- USB for configuration
- DC input - 2.1 mm female
- IEC C5 A/C Power

### Power

- Choice of - IEC AC or DC (24 VDC)
- International IEC AC 90-240v, 50/60 Hz
- Power consumption < 8W

### Operating Parameters

- Temperature: 0 to 60°C
- Humidity: Up to 90% (non-condensing)

### Physical

- Black powder-coated steel chassis
- Surface mount (desktop version)
  - Size: 17w x 1.75h x 4.5d in (43.2w x 4.5h x 11.4d cm)
  - Weight: 2.0 lbs (0.9 kg)
- Rack-mount
  - Size: 16.9w x 1.7h x 3.5d in (43w x 4.31h x 8.9d cm)
  - Weight: 1.73 lb (0.78 kg)

### Compliance

- FCC, ROHS, CE Marked, ANSI