

CT-2002 Clock and Timer Systems



Radio Systems' CT-2002 models are an advanced, yet economical line of digital microprocessor controlled clocks and timers.

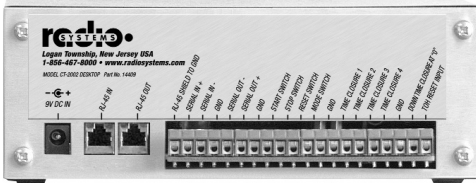
All units function as stand-alone clocks and timers or can be incorporated in a synchronized, serially controlled master/slave clock system, referenced by GPS, Top-of-Hour, or SMPTE time code master generators.

- Simultaneous clock/up-timer on all models
- All units may function as a remote timer display
- High Intensity .56", 2.3" and 4" LED displays
- Thin, Desktop, Wall and Rack mount models
- Reliable, RF-immune RS-485 serial data interface
- GPS, SMPTE reference options
- Local & parallel remote control
- Optional I/R remote control for down timing and special programming on slave models

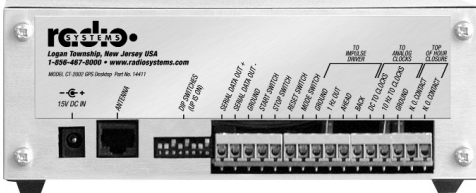


Models

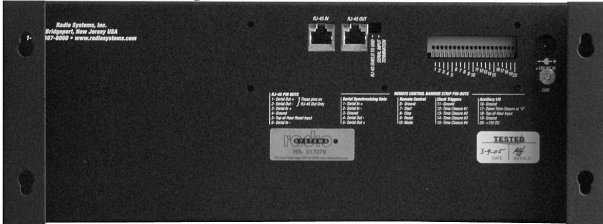
CT-2002 Desktop



CT-2002 GPS



CT-2002 2" & 4"



**CT-2002
I/R Remote
Control**



GPS Antenna

Part Numbers

CT-2002 Desktop	
#14409	
CT-2002 Thin	#14408
CT-2002 2"	#14412
CT-2002 4"	#15382
CT-2002 Desktop GPS	#14411
CT-2002 2" GPS	#14414
I/R Remote	#14631
Thin/Desktop	#14558
Large Rack Ears	#14632
GPS Rs-45 Converter	#11114
AMD-1 Analog Driver	#9389
GPS Extender Cable	
150'	#11094
250'	#11144

Specifications

Features

Thin, Desktop, 2" and 4" (slave displays)

Simultaneous clock/up timer. Receives, displays and sends Radio Systems CT6 compatible serial time code. Timer displays may be set to display a remote (master) timer or function independently. Top-of-hour reset input. Optional IR remote provides access to the following features: Down timer, 12/24 clock select, RSI or SMPTE serial time code input, time of day offset, four time of day compares with wired remote output, top-of-hour-reset offset, remote timer display.

GPS Desktop, GPS Large

Simultaneous clock/up timer. Extremely accurate weatherproof GPS antenna maybe placed up to 150' (or 250' with optional extender) from GPS Desktop or GPS Large. Outputs Radio Systems CT6 compatible serial time code for up to 32 slaves. Drives up to 5 Radio Systems Analog Clocks. Automatic daylight savings time correction. 1Hz output. Top-of-hour relay closure output.

Time Base

Thin, Desktop, 2" and 4"

Crystal oscillator with frequency trim provided.

2" and Desktop GPS

Integrated weatherproof GPS antenna/receiver with front panel status and error indicators. Accuracy +/- 100 nano seconds (long-term traceable to NIST Standard).

Power

117 VAC +/- 10%, 60 Hz

GPS will maintain time of day for 10 hours during power interruption with internal 9V battery (not included).

Dimensions

Thin Displays - 7" Wide x 2.5" High x 1.25" Deep

Desktop Displays - 7" Wide x 2.5" High x 4.5" Deep

2" Displays - 15.125" Wide x 5.25" High x 3.00" Deep

4" Displays - 24.50" Wide x 7.00" High x 3.00" Deep

Options

Rack Mounts

I/R Remote Control (for non Master, non GPS units).

GPS Extender Cables (increases cable length from antenna up to 250')

Windows Computer Sync Software for GPS units.

Windows 95/98/2000/XP.

Warranty

One year parts and service

