

Time Control Equipment

Rauland

MODEL: WCXATRAN — WIRELESS TRANSMITTER



WCXATRAN

FEATURES

- Time Synchronization Using Global Positioning Satellites (GPS) or Network Timeserver (NTP) Receiver
- Wired Output for Telecenter Time Synchronization
- 467 MHz Transmitter Frequency Provides Large Coverage Area
- Powerful 5 Watt Transmitter
- Non-Volatile Memory
- 10 Selectable Channels
- Rack Mount or Desktop
- Pre-Programmed Time Zones
- LCD Time/Day/Date/Year Display
- Automatically Adjusts for DST and After Power Outages
- Small 7" Rear Mounted Antenna
- 5 Year Warranty

SPECIFICATIONS

Input: 110 ~ 240 VAC @ 0.55 A

Output: 5 W at 467 MHz

Front Panel:

- Power indicator LED
- Synchronization indicator LED
- Two (2) programming switches
- Two (2) line, twenty (20) character LCD display

Body Material: ABS plastic

Environmental Parameters:

Operating Temperature: 32° F (0° C) to 122° F (50° C)

Mounting: Shelf mount. Rack mountable using optional mounting kit

Dimensions: Height: 1.75" (4.4 cm)

Width: 12" (30.5 cm)

Depth: 6.0" (15.2 cm)

Weight: 2.0 lb. (0.9 kg)

DESCRIPTION

The WCXATRAN Wireless Transmitter is designed for quick, "plug and play" installation of a synchronized, wireless clock system. The easy 2-button operation and 20 character, 2-line LCD front panel display make using the transmitter very easy. The clean, sleek and stylish design of the WCXATRAN provides a refreshing look to any décor.

Good looks and simple operation hide the cutting edge technology of the WCXATRAN. The WCXATRAN can receive time synchronization from either a GPS satellite using the WCXRVRGPS receiver or a network (LAN) timeserver with NTP using the WCXRVRNTP receiver. One time sync receiver is required for proper operation of the WCXATRAN. The WCXATRAN uses a 467 MHz transmitter

frequency and 10 selectable channels, to synchronize all Rauland wireless clocks. Typical coverage for the WCXATRAN with the antenna mounted on the rear of the transmitter is a 700' (213.4 m) diameter circle centered at the antenna. This is equivalent to a coverage range of 350' (106.7 m) from the antenna.

The optional external transmitter antenna (WCXTANTKT) can be used for large, campus-like applications where a wide coverage area is required. Automatic time adjustments for Daylight Saving Time and after a power outage provide the user with the assurance that the wireless clock system will always be on time. The WCXATRAN also features pre-programmed time zones and non-volatile memory, so all programming is kept safe in case of a power loss.

ASSOCIATED EQUIPMENT

All Telecenter Communication Systems

All Responder Health Care Communication Systems

All Rauland Wireless Clocks

WCXREPEAT – Wireless Repeater

WCXRVRGPS – GPS Receiver

WCXRVRNTP – NTP Receiver

WCXTANTKT – External Antenna Kit for Transmitter

WCTRRBKT – Open Rack Mount Brackets for Transmitter

WCTRRMK – Enclosed Rack Mount Kit for Transmitter

WCTRWS – Wall Mount Shelf

WCLFCCNP10 – Non-Profit 10-year FCC License

WCLFCCFP10 – For-Profit 10-year FCC License

WCLCANADA – IC (Industry Canada) License

Architect and Engineer (A&E) Specifications available online at: customerconnection.rauland.com
Specifications subject to change without notice

©Copyright 2009 Rauland-Borg Corporation Printed in USA Rev 08/09

USA • 800-752-7725 • Fax 800-217-0977
Canada • 905-607-2335 • Fax 905-607-3554
www.rauland.com

Rauland

Rauland-Borg Corporation