

FEATURES:

- LED display for a clear, accurate readout
- “NEW” (S)NTP Input Capability
 - Up to ten server addresses can be pre-programmed into the unit for continuous, accurate synchronization (with web interface software upgrade)
 - DHCP Capable
- Interfaces with other systems
 - Interfaces with 59 and 58 minute correction, National Time and Rauland, as well as Dukane digital
- 12 or 24 hour mode
 - Automatic bi-annual daylight savings time changes (when used as a primary master clock)
- *NEW* Bias seconds output
- Adjust the time plus or minus a few seconds or minutes to fit your application, while still receiving an input from another source
- RS485 input and output for time correction and synchronization
- Two relays for simultaneous correction of two synchronous-wired clock systems
- Microprocessor based
- Ten year battery backup for timekeeping
- GPS input (V-GPSA/V-GPS-TX only)
- Wireless Transmitter/Repeater for correction of the Valcom wireless analog clocks or Valcom digital clocks (V-WMCA/V-GPS-TX only)
 - “NEW” Web interface software
 - Extremely intuitive graphical user interface that allows the user to configure all of the settings of the master clock through a simple web interface. Control of all of the IP settings



Specifications:

Time Base: Crystal	Display: .56" LED display	Transmitter V-WMCA/V-GPS-TX only
Voltage Input: 85 - 265 VAC 50/60 Hz	Calendar: Built-in calendar with leap	Input sensitivity: -103 dBm
Inputs: years GPS (optional), SNTP, Wireless repeater, RS485, 58 minute correction, 59 minute correction, National Time and Rauland, Dukane digital	Standby time keeping: Ten (10) years	RF signal output: 30 dBm (1 watt)
Outputs: RS485 and 2 clock circuits	Memory: Non-volatile EEPROM	Transmission frequency: 915 - 928 MHz frequency-hopping technology
Optional outputs: Valcom Wireless Communication (V-WMCA only/V-GPS-TX)	Operating Temperature: 32° to 130° F (0° to 45° C) Shelf: 5° to 158° F (-15° to 70°C)	GPS V-GPSA/V-GPS-TX only
Compliance: UL, cUL listing - FCC approved, part 15 section 15.247	Housing: Smooth surface metal case Color: Black	Antenna: Thread mount bullet on 3/4" conduit
	Dimensions and Weight 11" L x 17.5" W x 1.75 D (27.94 cm x 44.45 cm x 4.45 cm) Weight: 6.5 lbs (2.90 kg)	Antenna dimensions: Diameter: 3.04" Height: 2.94" 75 feet of RG58 included
	Mounting: Wall mount	*Optionally, up to 150 feet of RG59 may be utilized