

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





Technical Specification

MASTER CLOCK MODE L: V-WMCA

Specifications:

<p>Time Base: Crystal</p> <p>Voltage Input: 85 - 265 VAC 50/60 Hz</p> <p>Inputs: years GPS (optional), SNTP, Wireless repeater, RS485, 58 minute correction, 59 minute correction, National Time and Rauland, Dukane digital</p> <p>Outputs: RS485 and 2 clock circuits</p> <p>Optional outputs: Valcom Wireless Communication (V-WMCA only/V-GPS-TX)</p> <p>Compliance: UL, cUL listing - FCC approved, part 15 section 15,247</p>	<p>Display: .56" LED display</p> <p>Calendar: Built-in calendar with leap</p> <p>Standby time keeping: Ten (10) years</p> <p>Memory: Non-volatile EEPROM</p> <p>Operating Temperature: 32° to 130° F (0° to 45° C)</p> <p>Shelf: 5° to 158° F (-15° to 70°C)</p> <p>Housing: Smooth surface metal case Color: Black</p> <p>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)</p> <p>Mounting: Wall mount</p>	<p>Transmitter V-WMCA/V-GPS-TX only</p> <p>Input sensitivity: -103 dBm</p> <p>RF signal output: 30 dBm (1 watt)</p> <p>Transmission frequency: 915 - 928 MHz frequency-hopping technology</p> <p>GPS V-GPSA/V-GPS-TX only</p> <p>Antenna: Thread mount bullet on 3/4" conduit</p> <p>Antenna dimensions: Diameter: 3.04" Height: 2.94" 75 feet of RG58 included *Optionally, up to 150 feet of RG59 may be utilized</p>
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