

# Technical Specifications

## V-WMCRA Wireless Master Clock Repeater

- Transmits the Valcom wireless signal to analog digital wireless clocks
- Powerful transmission range
  - Transmits up to 1000 meters in open space
- Operates on 915-928 MHz
- Utilizes frequency hopping technology



Wireless, Wall Mount

### Description:

The V- WMCRA Wireless Master Clock Repeater extends the range of correction signal to more clocks in your organization. The Wireless Master Clock Repeater has dual use that can be used as a repeater or with additional equipment, as a transmitter.

## SPECIFICATIONS

### WIRELESS OUTPUT POWER

30 dBm (1 watt)

### OPERATING FREQUENCY

915-928 MHz frequency hopping technology

### POWER REQUIREMENTS

85 - 265 Vac, 50/60 Hz

### PROTOCOLS

Valcom Wireless Communication

### TIME BASE

Crystal

### ENVIRONMENT

Temperature: : 32 to 113 °F (0 to 45 °C)

### HOUSING & FINISH

Smooth surface metal case; color, black

### DIMENSIONS AND WEIGHT

11.00in H x 8.00in W x 1.70in D  
(27.94cm x 20.32cm x 4.32cm)

**Antenna Length:** 7.00in (17.78cm)

**Weight:** 4.00lbs (1.81kg)

**Shipping Weight:** 6.80lbs (3.06kg)

### MOUNTING

Wall mount

## ARCHITECTS AND ENGINEERS

The Master Clock Repeater, model V- WMCRA, shall receive and transmit wireless data using Valcom's proprietary wireless protocol. The V-WMCRA shall work with the V-DCPI Digital Clock Protocol Interface, the V-GPSA GPS Receiver or the V-WMCA Wireless Master Clock.

The V- WMCRA Master Clock Repeater shall receive and transmit data to Valcom Wireless Clocks via a 915 - 928 MHz frequency-hopping technology.

The V- WMCRA Master Clock Repeater shall have a maximum antenna size of 7.00in, a wireless signal output of 30 dBm 1-Watt

and shall be FCC approved. The voltage input for the V- WMCRA shall be 85-265 Vac 50/60Hz.

The V- WMCRA Master Clock case shall be constructed of smooth surface metal with black finish.

Maximum dimensions shall be: 11.00in H x 8.00in W x 1.70in D (27.94cm x 20.32cm x 4.32cm). Antenna maximum dimensions shall be: 7.00in L (17.78cm). Weight shall be approximately: 4.00lbs (1.81kg).

Warranty information may be found on our website at [www.valcom.com/warranty](http://www.valcom.com/warranty).

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