

**MODEL****V-DW11025B****V-DW11040B****DESCRIPTION**

2.5" wireless digital clock, 110V

4.0" wireless digital clock, 110V

**FEATURES:**

- Receives And Transmits The Signal Once A Minute
- Internal Antenna
- Each Clock Acts As A Repeater
- 915–928mhz Frequency–Hopping Technology
- Immediate Correction For Time Change
- Microprocessor Based Clock
- Clocks Will Not Deviate From Each Other
- Available In 2.5" Display And 4.0" Display
- 12 Or 24 Hour Format
- Two (2) Levels Of Adjustable Brightness
- Loss Of Communication Alert
- Bright LED Display
- Red Bezel
- No Battery Backup Required
- Dynamic Range For Input Voltages
- 78 - 130 VAC
- Compatible With The Valcom Wireless Analog Clocks
- Designed To Work In Conjunction With The Valcom V-WMC
- Plug In Molex Connectors
- UL And cUL Listed
- FCC Compliant, FCC Part 15 Section 15,247
- Made In The U.S.A.

**DESCRIPTION:**

Valcom's wireless digital clocks are available with either 2.5" high characters or 4.0" high characters in a four (4) digit display. The wireless digital clocks are slave clocks designed to work in conjunction with the Valcom Wireless Master Clock (part number V-WMCA).

The innovative 915–928 MHz frequency–hopping technology allows for a better and clearer signal even if there is interference in one of the frequencies. Not only can each clock receive the wireless signal, it also transmits the signal. The digital wireless clocks are designed to automatically work together without causing interference with each other. In fact, a large number of clocks in a specific area would increase the quality of the signal to each unit. The wireless digital clock is based on our high efficiency, bright LED display. The clocks correct immediately upon receipt of the wireless signal. The wireless digital clock features many options including 12 or 24 hour format, as well as two (2) brightness settings. The wireless digital clocks can be mounted in a surface or double mount housing. The wireless digital clock also features LEDs on the board to show if the clock is receiving data, making it easier to maintain and install. The unique, specially molded bezel gives a smooth, clean look with no visible external screws.

The Valcom wireless digital clock is FCC compliant, part 15, section 15,247.

**Specifications:****Input sensitivity:**

-103 dbm

**Voltage Input:**

2.5" clock  
78 - 130 VAC

4.0" clock  
85 - 135 VAC

**Signal Input:**

Valcom Wireless Communication

**Signal Output:**

Valcom Wireless Communication

**Power Output:**

8 dbm (6mW)

**Average Current Consumption**

2.5" Clock (Max Brightness)  
30 mA @ 110 VAC

4.0 Clock  
45 mA @ 110 VAC

**Operating frequency:**

915 - 928 MHz frequency-hopping technology

**Compliance:**

: UL, cUL, and FCC approved, FCC  
part 15 Section 15,247

**Operating Temperature:**

32° to 113° F (0° to 45° C)  
Storage: -15° - 75°C

**Display Size/Color:**

2.5" and 4.0" characters  
Vibrant red

**Visibility:**

2.5" Clock – 100 feet 4.0" Clock – 250 feet

**Display:**

12 or 24-hour format

**Brightness:**

2 levels, adjustable

**Bezel Color:**

Red

**Bezel Dimensions:**

2.5" clock: 7.5" L x 11.375" W x 4.25" D  
4.0" clock: 9.75" L x 14.25" W x 4.25" D

**Shipping Weight:**

2.5" – 2 lbs (0.90 kg)  
4.0" – 3.5 lbs (1.58 kg)

**Mounting:**

Surface and double mount

**Power Kit Includes:**

1 - 5 pin power harness  
4 - 6-32 x 1/2 machine screw  
1 - 6-32 hex nut  
1 - tooth lock washer  
1 - grounding wire, loop end

## **ARCHITECTS' AND ENGINEERS**

The clock shall be a Valcom wireless digital clock and shall have either a full 2.5" or 4.0" high efficiency LED numeral display.

The clock will operate as a wireless digital slave clock. The clock shall receive signals from other clocks in the surrounding area or from the V-WMCA. The clock shall receive and transmit with 915–928MHz frequency–hopping technology. The clocks will be capable of transmitting and receiving the time without interfering with each other. The clock shall have data LEDs on the board to display the receiving of data. It shall have a 12 or 24 hour display format. The clock will have two (2) levels of adjustable brightness and will feature immediate correction for time changes. The digital clock shall be capable of being installed either surface or double mount. When the input is lost, the colon on the display of the clock shall flash. The clock shall have an red bezel with a smooth surface. No external screws shall be visible on the bezel or clock housing. The clock shall be FCC compliant, part 15 Section 15,247.

## **LIMITED WARRANTY**

Valcom, Inc. warrants its products to be free from defects in materials and workmanship under conditions of normal use and service for a period of one year from the date of shipment. The obligation under this warranty shall be limited to the replacement, repair or refund of any such defective device within the warranty period, provided that:

1. inspection by Valcom, Inc. indicates the validity of the claim,
2. the defect is not the result of damage, misuse, or negligence after the original shipment,
3. the product has not been in any way repaired by others and that factory sealed units are unopened (A service charge plus parts and labor will be applied to units defaced or physically damaged).
4. freight charges for the return of products to Valcom, Inc. are prepaid,
5. all units "out of warranty" are subject to a service charge. The service charge will cover minor repairs (major repairs will be subject to additional charges for parts and labor)

**This warranty is in lieu of and excludes all other warranties expressed or implied, and in no event shall Valcom, Inc. be liable for any anticipated profits, consequential damages, loss of time or other losses incurred by the buyer in connection with the purchase, operation or use of the product.**

This warranty specifically excludes damage incurred in shipment. In the event a product is received in damaged condition, the carrier should be notified immediately. Claims for such damage should be filed with the carrier involved in accordance with the F.O.B. point.