

## Technical Specification

<u>MODEL</u>	<u>DESCRIPTION</u>
V-D2425B	2.5" Digital Clock, 24V
V-D2440B	4.0" Digital Clock, 24V



### FEATURES:

- Immediate Correction for Time Change
- Communication LEDs
- No Backup Battery Required
- Two (2) Settings for Brightness
- Dynamic Input Voltage
- May Be Mixed with Valcom Analog Clocks
- Double Mount Bracket Available
- Fully Automatic Plug and Play – No Settings Required
- Automatic Polarity Detection
- Quick Correction (Valcom 2-Wire)
- UTP Connectivity
- Plug in Molex Connectors
- Low Profile
- Made In U.S.A
- UL, cUL, And FCC Approved

### DESCRIPTION:

Valcom Bar Display digital clocks are available with either 2.5" or 4.0" high characters in a 4-digit display. The series clock is a reliable, economical option, working with the Valcom Digital Communication 2-wire system.

All of Valcom's digital clocks feature an exclusive, high efficiency, super-bright LED display. The clocks feature immediate corrections for time change. Digital clocks are available in wall or double mount. Our unique, specially molded front filter gives a smooth surface with no visible external screws, allowing for perfect reading. Our unique lines of digital clocks are energy efficient and dependable.

### Specifications:

#### Voltage Input:

2.5" clock 12 – 24V 3VPU  
4.0" clock 16 – 24V 4VPU

#### Compliance:

UL, cUL, and FCC approved

#### Operating Temperature:

32° to 113° F (0° to 45° C)

#### Display Size/Color:

2.5" or 4.0" red characters

#### Visibility:

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

#### Display:

12 or 24-hour format

#### Bezel Dimensions:

2.5" clock: 10.31" (26.19 cm) W x 4.69" (11.91) H  
4.0" clock: 13.31" (33.81 cm) W x 6.75" (17.15 cm) H

#### Shipping Weight:

2.5" – 1.3 lbs (0.59 kg)  
4.0" – 3.5 lbs (1.58 kg)

## ARCHITECTS' AND ENGINEERS

**Technical Specification****Standard Digital Clocks**

The clock shall be a Valcom V-D2425B or V-D2440B Digital Clock and shall have either a full 2.5" high efficiency red LED numeral display (when the V-D2425B clock is specified), or a full 4.0" high efficiency red LED numeral display (when the V-D2440B clock is specified). The clock shall operate as a Valcom 2-wire secondary clock with 12/24-hour display format and two levels of adjustable brightness and shall feature immediate correction for time changes. When input is lost, the colon of the clock display shall flash. The clock bezel shall be red with a smooth surface. No external screws or studs shall be visible on the bezel or clock housing. The clock shall have UL, cUL and FCC compliance.

**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 re-placement, 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.