

# Specifications

# Trimble CB450



## Key Features & Benefits

- 4.3-inch, 480(w) x 272(h) pixel, 256k true colour, TFT active matrix, 450 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions.
- USB Host Port on Front Face protected with Silicon Cover
- 4 x Integrated Lightbars. Each Lightbar has 1 central Green LED with 3 Amber LED's each side of the central LED.
- Ambient light sensor for Automatic brightness control
- 17 Logically placed backlit keys provide tactile feedback when activated, allowing operators to focus on the job and not the controls.
- 39-pin sealed military rated quick release tool-less connector
- Field upgradeable software via USB port.
- In-built buzzer (4 Volume settings) for operator feedback and warning

## Options and Accessories

### Product Specifications

#### Characteristics

Size:	
Length:	200 mm
Width:	115 mm
Depth:	55.5 mm
Weight:	1.25 kg
Display:	4.3-inch, 480(w) x 272(h) pixel, 256k true colour, TFT active matrix, 450 (typ) cd/m2. LCD brightness is adjustable over a suitable range to accommodate different working conditions
General Housing Materials:	High pressure die cast aluminium

#### Environmental Characteristics

Temperature	
Operating:	-20 °C to +65 °C
Storage:	-40 °C to +85 °C
Humidity:	100% fully sealed, weatherproof
Sealing:	Fully Sealed to 3 PSI / IP68

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## Technical Specifications

Electrical Input Voltage:

9 V - 32 V

Supply Power

16 W (max) 8 W (typical)

## Primary I/O Connector Styles

### 39 Pin I/O Connector

- A -
- B - Multi-state SWITCH INPUT 0
- C - Multi-state SWITCH INPUT 3
- D - BATT+
- E - SWITCH COMMON GND
- F - BATT-
- G -
- H - Multi-state SWITCH INPUT 4
- J - CAN0 LO
- K - CAN0 HI
- L - CAN1 HI
- M - CAN1 LO
- N - SIGNAL TXD2
- P - RS232-2 RXD2
- R - RS232-2 GND2
- S -
- T -
- U -
- V - Multi-state SWITCH INPUT 5
- W - BATT+
- X - Ign Switch
- Y - Multi-state SWITCH INPUT 1
- Z - Multi-state SWITCH INPUT 6

- a -
- b -
- c -
- d -
- e - CAN SHIELD
- f -
- g -
- h - RS232-0 RXD0
- i - RS232-0 TXD0
- j -
- k - Multi-state SWITCH INPUT 2
- m - BATT-
- n - AWAKE Gnd
- p - AWAKE Output
- q - SIGNAL GND0
- r -

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