

SBL 1000 Series Digital Wireless Clock (V2)



Highlights



- Receives and transmits the signal once a minute
- Each clock acts as a repeater and transmitter
- Counts down between classes or breaks with optional SMA 3000 master clock software
- 915–928MHz frequency-hopping technology
- Immediate correction for time change
- Microprocessor based clock
- Available in different sizes
 - 2.5" (6.35 cm) display
 - 4" (10.16 cm) display
 - 4 digit display
 - 6 digit display
- 12 or 24 hour format
- Two (2) levels of adjustable brightness
- Loss of communication alert
- Bright LED display
- Anti-glare red or blue bezel
- Dynamic range for input voltages
 - 18 - 30 VDC (24 Volt model)
 - 18 - 30 VAC (24 Volt model)
 - 85 - 130 VAC(110 Volt model)
- Compatible with the SAL series analog clocks
- Designed to work in conjunction with the Sapling Transceiver
- FCC Compliant, FCC part 15 Section 15,247
- Made in the U.S.A.

SBL 1000 Series Wireless Digital Clock (V2)

Specifications



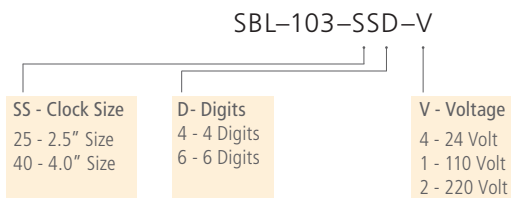
Display Size: 2.5" (6.35 cm) and 4.0" (10.16 cm)
 Display Color: Vibrant Red
 Number of Digits: 4 digit or 6 digit
 Visibility: 100 ft. (30.48 m) - 2.5" (6.35 cm) model
 250 ft. (76.2 m) - 4.0" (10.16 cm) model
 Bezel Color: Anti-glare red
 Bezel Size: (LxW) 4.69" (11.91 cm) x 10.31" (26.19 cm)
 - 2.5" clock, 4 digit
 6.75" (17.15 cm) x 13.31" (33.8 cm)
 - 4.0" clock, 4 digit
 4.69" (11.91 cm) x 13.56" (34.44 cm)
 - 2.5" clock, 6 digit
 6.75" (17.15 cm) x 18.31" (46.5 cm)
 - 4.0" clock, 6 digit
 Temperature Range
 Operating: 0°C - 45°C
 Storage: -15°C - 75°C
 Operating Frequency: 915 - 928 MHz frequency-hopping technology
 Input Sensitivity: -103 dBm
 Power Output: 8 dBm
 Input Voltage for 2.5" clock: 12 - 30 VDC (24 volt model)
 12 - 30 VAC (24 volt model)
 78 - 135 VAC (110 volt model)
 Input Voltage for 4.0" clock: 16 - 28 VDC (24 volt model)
 14 - 28 VAC (24 volt model)
 85 - 135 VAC (110 volt model)

Average Current Consumption: 2.5" (6.35 cm) Clock
 (maximum brightness) 85 mA @ 24 VAC, 4 digit
 30 mA @ 110 VAC, 4 digit
 130 mA @ 24 VAC, 6 digit
 45 mA @ 110 VAC, 6 digit
 Average Current Consumption: 4.0" (10.16 cm) Clock
 (maximum brightness) 190 mA @ 24VAC
 45 mA @ 110 VAC
 285 mA @ 24 VAC
 68 mA @ 110 VAC
 Signal Input: Sapling Wireless Communication
 Signal Output: Sapling Wireless Communication
 Display Format: 12 or 24 hour mode
 Brightness: Two levels, adjustable
 Mounting: Surface or double mount
 Compliance: FCC compliant, part 15 Section 15,247

Ordering Information



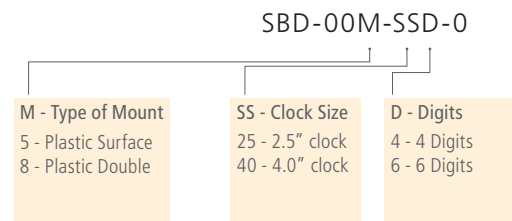
Wireless Clock



Examples:

SBL-103-254-1: SBL 1000 Series, 2.5" (6.35 cm), 4 Digit, 110 Volt
 SBL-103-406-4: SBL 1000 Series, 4.0" (10.16 cm), 6 Digit, 24 Volt

Housings



Examples:

SBD-005-404-0 Plastic Surface Mount Housing, 4.0" (10.16 cm) Size, 4 Digit
 SBD-008-256-0 Plastic Double Mount Housing, 2.5" (6.35 cm) Size, 6 Digit