

## SBL 1000 Series Digital Wireless Clock (V3)



### Highlights



- Receives and transmits the signal once a minute
- Each clock acts as a repeater and transmitter
- Built-in antenna
- 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 bezel
- Dynamic range for input voltages
  - 7—28 VAC (24 Volt model)
  - 85—130 VAC (110 Volt model)
  - 180 —260 VAC (220 Volt model)
- Compatible with the SAL-2 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 (V3)

## Specifications



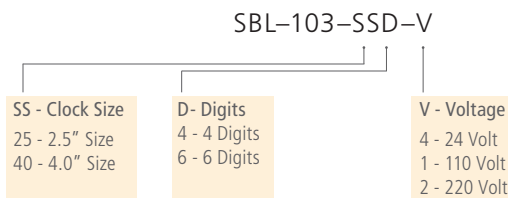
Display Size:	2.5" (6.35 cm) and 4.0" (10.16 cm)
Display Color:	Vibrant Red
Number of Digits:	4 digit or 6 digit
Visibility:	100 ft. (30.48 m) - 2.5" (6.35 cm) model 250 ft. (76.2 m) - 4.0" (10.16 cm) model
Bezel Color:	Anti-glare red
Bezel Size: (LxW)	4.69" (11.91 cm) x 10.31" (26.19 cm) - 2.5" clock, 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:	
Input Voltage for 2.5" clock:	7 - 28 VDC (24 volt model) 85 - 130 VAC (110 volt model) 180 - 260 VAC (220 volt model)
Input Voltage for 4.0" clock:	16 - 28 VDC (24 volt model) 100 - 130 VAC (110 volt model) 200 - 260 VAC (220 volt model)

Average Current Consumption:	2.5" (6.35 cm) 4 and 6 Digit Clock (maximum brightness)	85 mA @ 24 VAC 30 mA @ 110 VAC 20 mA @ 220 VAC
Average Current Consumption:	4.0" (10.16 cm) 4 and 6 Digit Clock (maximum brightness)	190 mA @ 24VAC 45 mA @ 110 VAC 30 mA @ 220 VAC Sapling Wireless Communication
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	

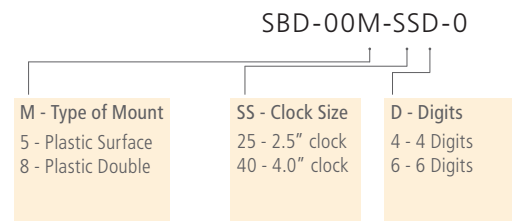
## Ordering Information



### Wireless Clock



### Housings



### 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

### 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

\*specification sheets may change without prior notice