

SBL 3000 Series Digital Wireless Clock (V3)

Features:

- 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
- 2.4 GHz frequency range available (international use only)
- 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 to four levels of programmable brightness (depending on chosen model)
- "BELL" and "FirE" messaging capabilities
- Loss of communication alert
- Bright LED display
- 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
- FCC Compliant, FCC part 15 Section 15,247
- Made in the U.S.A.



Additional 3200 Features:

- Elapsed Timer capabilities

Additional 3300 Features:

- Elapsed Timer capabilities
- Can interface with existing systems
- Both 110 volt and 24 volt or 220 volt and 24 volt AC/DC power input
- Easy programming options via two (2) switches
- Alternating time/date in both American and European formats
- Additional addressable messaging capabilities

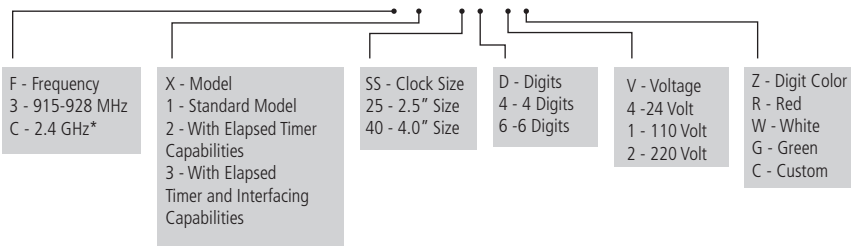
Specifications:

- Display Size: 2.5" (6.35 cm) and 4.0" (10.16 cm)
- Display Color: Vibrant Red, Green, White, Custom
- 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 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
2.4 GHz frequency for international use only
- 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
- Signal Input:
3100/3200: Sapling Wireless Communication, RS485, 2-Wire Digital Communication
3300: Sapling Wireless Communication, RS485, 2-Wire Digital Communication, 59 minute correction, 58 minute correction, National Time/Rauland, Dukane, Once-a-Day Pulse
- Signal Output:
3100/3200: Sapling Wireless Communication, RS485
3300: Sapling Wireless Communication, RS485, Rauland Digital 12 or 24 hour mode
- Display Format:
- Brightness:
3100/3200: Two-way, adjustable
3300: Four-way, adjustable
- Mounting: Surface or double mount
- Compliance: FCC compliant, part 15 Section 15,247

Ordering Information

SBL 3000 Wireless Clock

SBL-FXS-SSD-VZ



Examples:

- SBL-315-254-2R: SBL 3000 Series, 915-928 MHz, Standard Model, 2.5" (6.35 cm), 4 Digit, 220 Volt, Red
- SBL-335-406-1W: SBL 3000 Series, 915-928 MHz, Elapsed Timer and Interfacing, 4.0" (10.16 cm), 6 Digit, 110 Volt, White
- SBL-C25-404-4C: SBL 3000 Series, 2.4 GHz, Elapsed Timer, 4.0" (10.16 cm), 4 Digit, 24 Volt, Custom

*2.4 GHz frequency range is only available for use outside of the United States.

Double Mount Pole

SAB-4ZD-005-0



Examples:

- SAB-4GD-005-0: Double Mount Bracket, Black

*specification sheets may change without prior notice