

SBD 3000 Series Wired Clock (V2)

Features:

- Immediate correction for time change, when used with RS485 or 2-wire digital communication input
- 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 display
- Interfaces with Sapling's Elapsed Timer for chronograph timer functionality (3200/3300)
- "BELL", "firE" and addressable messaging capabilities
- Automatic Daylight Saving Time (when used as a primary clock)
- Two to four levels of programmable brightness (depending on chosen model)
- Alternating time/date display
- Ten (10) year battery backup
- Microprocessor based clock
- Bright LED display
- Ease of maintenance—if input is lost, the colon will flash
- Analog and digital clocks can be mixed on the same line
- UL, cUL, FCC pending
- Made in the U.S.A.

Additional 3200 Features:

- Elapsed Timer capabilities
- RS485 input

Additional 3300 Features

- Stand alone master clock or digital secondary clock
- Can interface with existing systems
- Elapsed Timer capabilities
- 58 minute, 59 minute, National Time and Rauland sync wire inputs, Midnight Reset input, RS485 input and output and two (2) wire digital communication input
- Easy programming options via two (2) switches
- Interfaces to most Rauland and Dukane Master Clock/Intercom systems
- Additional addressable messaging capabilities



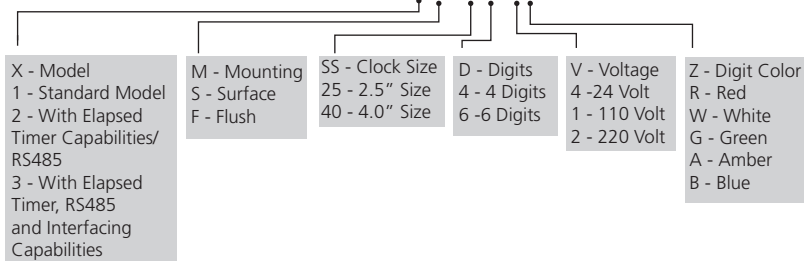
Specifications:

- Display Size: 2.5" (6.35 cm) and 4.0" (10.16 cm)
- Display Color: Vibrant Red, White, Green, Amber, Blue
- 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: From 0°C to +50°C
Storage: From -15°C to +75°C
- 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
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: 2-Wire Digital Communication
3200: RS485, 2-Wire Digital Communication
3300: RS485, 2-Wire Digital Communication, 59 minute correction, 58 minute correction, National Time/Rauland, Dukane, Once-a-Day Pulse
- Signal Output: 3200: RS485
3300: RS485, National Time/Rauland
- Display Format: 12 or 24 hour mode
- Brightness: 3100: Two levels, adjustable
3200/3300: Four-way, adjustable
- Mounting: Flush, surface or double mount
- Compliance: UL, cUL listed and FCC pending

Ordering Information

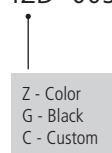
SBD 3000 Wired Clock

SBD-3XM-SSD-VZ



Double Mount Pole

SAB-4ZD-00S-0



***NOTE:** When purchasing a double mounted digital clock, you must purchase two clocks using the part number scheme on the left and order one double mount pole using the part number above.

Examples:

- SBD-33F-406-1G: SBD 3000 Series, with Elapsed Timer and Interfacing Capabilities, Flush Mount, 4.0" (10.16 cm), 6 Digit, 110 Volt, Green
- *SBD-31S-254-4R: SBD 3000 Series, Standard Model, Surface Mount, 2.5" (6.35 cm), 4 Digit, 24 Volt, Red

***NOTE:** The 3100 Series is only available in 24 Volt.



ingeniously in sync

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