

## SBD 1000 Series Wired Clock (V3)

### Features:

- Immediate correction for time change
- Clocks will not deviate from each other
- Wide availability of models
  - 2.5" (6.35 cm) display
  - 4.0" (10.16 cm) display
  - 4 digits
  - 6 digits
- 12 or 24 hour format
- "BELL", "FIRE" messaging capabilities
- Choice of two (2) wire digital communication protocol or RS485 protocol
- Bright LED display
- Two (2) settings for brightness
- Loss of communication alert
- Analog and digital clocks can be combined on the same power line (two (2) wire) or communication line (RS485)
- Unlimited clocks can be run off the same communication line (RS485 only)
- LEDs for visual representation of the receiving and transmitting of RS485 data
- Diagnostic LEDs for visual indication for the two (2) wire signal and power
- No battery backup required
- Dynamic range for input voltages
  - 7—28 VAC (24 Volt model)
  - 85—130 VAC (110 Volt model)
  - 180 —260 VAC (220 Volt model)
- Plug in Molex connectors
- Available in surface mount housings
- UL, cUL listed
- FCC part 15 B "class B digital devices"
- CE Compliant (24V model)
- Made in the U.S.A.



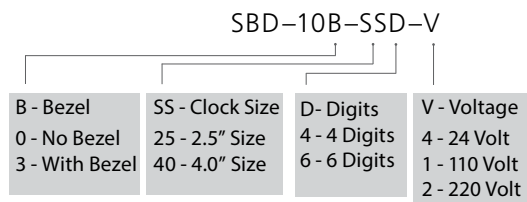
## Specifications:

- 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
- 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: RS485 or 2-Wire Digital Communication
- Signal Output: RS485
- Display Format: 12 or 24 hour mode
- Brightness: Two levels, adjustable
- Mounting: Flush, surface or double mount
- Compliance: UL, cUL listed  
FCC part 15 B "class B digital devices"  
CE Compliances: EMC, LVD
- Temperature Range  
Operating: 0°C - 45°C  
Storage: -15°C - 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  
(maximum brightness) 85 mA @ 24 VAC  
30 mA @ 110 VAC  
20 mA @ 220 VAC



## Ordering Information

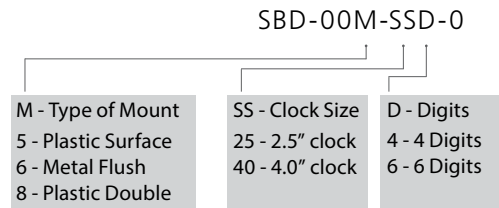
### SBD 1000 Series Wired Clock



#### Examples:

SBD-103-254-1: SBD 1000 Series, 2.5" (6.35 cm), 4 Digit, 110 Volt  
SBD-103-406-4: SBD 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-007-256-0 Metal Double Mount Housing, 2.5" (6.35 cm) Size, 6 Digit