

SBD 3000 Series Wired Clock (V3)

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
- "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:
 - With the 3100 Series, the Alternating Time/Date display is only displayed in U.S. date format (MM:DD:YY). International users are advised to purchase the 3200 Series with the RS483 to USB Programming Cable (D-USB-485-INTF-1) in order to program the display to alternate to the International date format (DD:MM:YY)
- 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
- Designed and Produced by Sapling Inc. in Pennsylvania, United States of America



Additional 3200 Features:

- Capable of interfacing with:
 - Sapling's Elapsed Timer Control Panel (SBD-ELT-001-0)
 - Temperature Sensor (SBD-TEMP-000-0)
 - USB to RS485 Programming Cable (D-USB-485-INTF-1)
 - Can receive 2-Wire Digital Communication Time Protocol and/or RS485 Time Protocol

Additional 3300 Features

- Stand alone master clock or digital secondary clock
- Can interface with Nurse Call System via contact closure
- 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)	• Shipping Weight:	2.5" 4 digit - 3lbs. (1.36kg)
• Display Color:	Vibrant Red (standard), White, Green and Amber	*Surface mount only	2.5" 6 digit - 3.5lbs (1.58kg)
• Number of Digits:	4 digit or 6 digit		4" 4 digit - 4lbs (1.81kg)
• Visibility:	100 ft. (30.48 m) - 2.5" (6.35 cm) model	• Alternating Time/Date:	4" 6 digit - 4.5lbs (2.04kg)
	250 ft. (76.2 m)- 4.0" (10.16 cm) model	3100:	Date displays only in U.S. format (MM:DD:YY)
		3200/3300	Date displays in U.S format (MM:DD:YY) and International format (DD:MM:YY)
• Bezel Size: (LxW)	4.69" (11.91 cm) x 10.31" (26.19 cm) - 2.5" clock, 4 digit	• Signal Input:	
	6.75" (17.15 cm) x 13.31" (33.8 cm) - 4.0" clock, 4 digit	3100:	2-Wire Digital Communication
	4.69" (11.91 cm) x 13.56" (34.44 cm) - 2.5" clock, 6 digit	3200:	RS485, 2-Wire Digital Communication
	6.75" (17.15 cm) x 18.31" (46.5 cm) - 4.0" clock, 6 digit	3300:	RS485, 2-Wire Digital Communication, 59 minute correction, 58 minute correction, National Time/Rauland, Dukane, Once-a-Day Pulse
• Temperature Range:		• Signal Output:	
Operating:	From 0°C to +50°C	3200:	RS485
Storage:	From -15°C to +75°C	3300:	RS485, National Time/Rauland
• Input Voltage for 2.5" clock:	7 - 28 VDC (24 volt model)		12 or 24 hour mode
	85 - 130 VAC (115 volt model)	• Display Format:	
	180 - 260 VAC (230 volt model)	• Brightness:	
• Input Voltage for 4.0" clock:	16 - 28 VDC (24 volt model)	3100:	Two levels, adjustable
	100 - 130 VAC (115 volt model)	3200/3300:	Four-way, adjustable
	200 - 260 VAC (230 volt model)	• Mounting:	Flush, surface or double mount
• Average Current Consumption:	2.5" (6.35 cm) 4 and 6 Digit Clock	• Compliance:	UL, cUL listed and FCC pending
(maximum brightness)	149 mA @ 24 VAC		
	30 mA @ 115 VAC		
	20 mA @ 230 VAC		
• Average Current Consumption:	4.0" (10.16 cm) 4 and 6 Digit Clock		
(maximum brightness)	230 mA @ 24VAC		
	45 mA @ 115 VAC		
	30 mA @ 230 VAC		

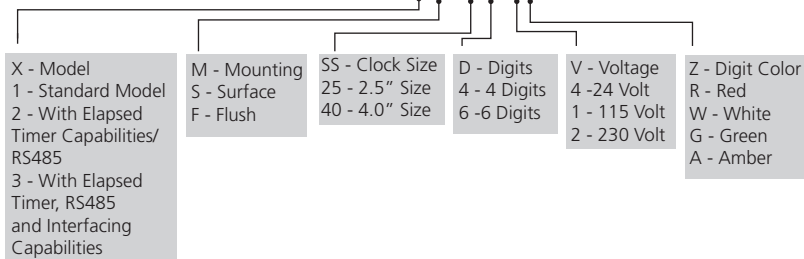
Ordering Information

SBD 3000 Series Wired Clock

SBD-3XM-SSD-VZ

Double Mount Pole

SAB-4GD-00S-0



***NOTE:** When purchasing double mounted digital clocks, 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, 115 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.



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