

## SRM Series Wired RS485 Clock (V2)



### Highlights



- Uses local power plus 2 wires for communication
- Comparable to the SAR Series
- Microprocessor based movement
- Automatic frequency detection
- Diagnostic LEDs for ease of maintenance
- Data LEDs for verifying the transmission and receipt of data
- Unlimited clocks can be run on the same communication line when daisy chained
- Analog and digital clocks can be run on the same communication line
- Does not require an expensive master; it can be run off the SBD 2000 Digital Clock as well as a SMA 2000 or 3000 Series Master Clock
- Built-in self-test function
- Remote system diagnostics
- Quick correction for time change (max. 5 minutes)
- Clocks will not deviate from each other
- Ideal for renovation projects using existing wiring, or for new installations
- Energy efficient:
  - 20 mA@ 24 VAC
  - 15 mA@ 110 VAC
  - 10 mA correction
- Wide dynamic range for input voltage
  - 7 VAC—28 VAC (24 VAC model)
  - 85 VAC—135 VAC (110 VAC model)
- Low profile—one model for flush and surface mount
- Communication line can use up to 22 gauge wire
- No need for custom back box
- Smooth surface metal case and polycarbonate crystal
- Available in 110 VAC and 24 VAC
- UL, cUL listed and FCC approved
- Made in U.S.A.
- Patents pending

# SRM Series Wired RS485 Clock (V2)

## Specifications



- Time Base: 50/60 Hz (automatic frequency detection)
- Voltage Input: 85 – 135 VAC / 60 Hz (110V model)  
7 – 28 VAC / 60 Hz (24V model)
- Average Current Consumption: 20 mA @110 VAC  
15mA @ 24 VAC
- Correction Current: 10mA
- Display: 12 hour standard (24 hour dial available)
- Color: Standard black or white (custom colors available)
- Clock Size: 12.81" (32.54 cm) diameter, 1.2" (3.05 cm) depth  
16.81" (42.7 cm) diameter, 1.6" (4.06 cm) depth
- Dial: Durable polystyrene material
- Case: Shallow profile, smooth surface metal case or smooth surface ABS case
- Crystal: Shatterproof, side molded polycarbonate crystal
- Hand tolerance: Hour and minute hand: +/- 1/4 minute  
Second hand: +/- 1/2 minute
- Temperature Range: Operating: 0°C - 45°C  
Storage: -15°C - 75°C
- Movement Dimensions: (LxWxD) 2.93" x 2.84" x .937"  
(7.44 cm x 7.21 cm x 2.38 cm)
- Mounting Bracket Dimensions: (LxWxD) 12" - 12.56" x 3" x .04" (31.9 cm x 7.62 cm x .1 cm)  
16" - 16.38" x 3" x .04" (41.6 cm x 7.62 cm x .1 cm)

- Shipping Weight: 12" Clock - 4 lbs. (1.81 kg)  
16" Clock - 6 lbs. (2.72 kg)
- Power Kit Includes: 1 - 5 pin power harness (18 AWG)  
1 - 4 pin RS485 harness (22 AWG)  
1 - ground wire (18 AWG)  
1 - 10-12 blue plastic anchor  
1 - sheet metal screw 10X1.5  
2 - machine screws 6-32 X 1/2  
2 - 4 mm thread, 10 mm length screw
- Compliance: UL, cUL listed and FCC Approved

## Ordering Information



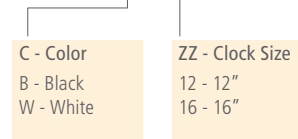
### SRM Series Wired RS485 Clock

SRM-CLS-SSR-V



### Double Mount Bracket

SAB-1CD-ZZR-04



#### Examples:

- SRM-1BS-12R-4: SRM Series, Metal Black Case, 12" (30.48 cm), 24 Volt
- SRM-2WS-16R-2: SRM Series, Plastic White Case, 16" (40.64 cm), 220 Volt

#### Example:

- SAB-1BD-12R-0 12" (30.48 cm) Double Mount Bracket, Black
- SAB-1WD-16R-0 16" (40.64 cm) Double Mount Bracket, White