# Digital 3-Wire Synchronous System Clock 



## GENERAL INFORMATION

- Enclosure Black anodized aluminum frame
- Size:....................................................... 2.5" display: 4- \& 6-digit - $12.25^{\prime \prime} \times 5.1875^{\prime \prime} \times 2.5^{\prime \prime} \mathrm{d}$ $4^{\prime \prime}$ display: 4-digit $-12.25^{\prime \prime} \times 6.875^{\prime \prime} \times 2.5^{\prime \prime} \mathrm{d}$ 4 " display: 6 -digit $-17.25^{\prime \prime} \times 6.875^{\prime \prime} \times 2.5^{\prime \prime}$ d
- Weight: Varies by model
- Visibility: 2.5" digits-up to 125 feet; 4" digits-up to 200 feet
- Daylight Saving Time Adjustment: Automatic from master controller
- Display: 7-segment LED
- Time Accuracy: $\pm 1$ second to master controller
- Battery: $\qquad$ Non-rechargeable coin-cell battery
- Memory Retention Up to 10 years from coin-cell battery
- Operating Temperature: $32^{\circ}-104^{\circ} \mathrm{F}\left(0^{\circ}-40^{\circ} \mathrm{C}\right)$
- Operating Humidity: 0 to 95\% non-condensing
- Line Voltage: 120VAC or 24VAC
- Current Consumption: see following
Clock Run Circuit: 4-digit red, 120VAC - 59mA | 4-digit green, 120VAC - 44mA 4-digit red, 24VAC - 202mA | 4-digit green, 24VAC - 140mA 6 -digit red, 120VAC -75 mA | 6 -digit green, 120VAC - 51 mA 6-digit red, 24VAC - 271mA | 6-digit green, 24VAC - 179mA
Correction Circuit: ................................ 120VAC - 4.9mA 24VAC - 0.85mA
Code Blue Circuit (optional, 6-digit):...... 3.0mA. max. @ 12VAC/VDC-30VAC/VDC
- Warranty: ............................................... 3 Years


## CERTIFICATIONS

- Electromagnetic Emissions $\qquad$ EN 55032:2012/AC:2013 Class B FCC 15.107:2018 Class B FCC 15.109:2018 Class B ICES-003:2016 Class B


## DESCRIPTION

American Time 3-wire digital clocks are accurate, versatile, and durable; whether adding on to an existing wired clock system, or replacing clocks on a Cincinnati, Faraday, Lathem, Simplex, or Stromberg 3-wire synchronous system, these clocks require nothing more than a simple electrical connection to integrate with the rest of your facility and provide precise, synchronized time. Housed in a durable anodized aluminum case, the sleek black finish of these 3-wire digital clocks provides a modern, premium appearance that fits in anywhere. Surface mount clocks include a custom-designed hanger which allows for a secure installation to an electrical box while still permitting easy removal of the clock. For expanding or updating your 3-wire synchronous clock systems, there's nothing quite as reliable, precise, or versatile as these.

## FEATURES

- Reception indicator
- Red or Green LED display
- Syncs to various master clock protocols


## ORDER INFORMATION

## Part \# Description

3WD241RSA 3WD241RSB 3WD261RSA 3WD261RSB 3WD441RSA
3WD441RSB 4", 4-digit, 24VAC, Red display, Molex
2.5", 4-digit, 120VAC, Red display, Molex
2.5", 4-digit, 24VAC, Red display, Molex
2.5", 6-digit, 120VAC, Red display, Molex
2.5", 6-digit, 24VAC, Red display, Molex

4", 4-digit, 120VAC, Red display, Molex 3WD461RSA 4", 6-digit, 120VAC, Red display, Molex 3WD461RSB 4", 6-digit, 24VAC, Red display, Molex Note: For green LED, change $\mathbf{R}$ in part number to $\mathbf{G}$.


## GENERAL INFORMATION



- Dimensions:
4.63"h x 4.56"w x 1.25"d
- Weight 0.27 lbs
- Distance of ATSTCS from clock: 30' max. with 22 AWG stranded wire $w /$ minimum $1 / 32^{\prime \prime}$ insulation
- Indications: $\qquad$ .2 second audible alarm (volume not adjustable)


## DESCRIPTION

The American Time Elasped Timer Control Station can be wired to any 6-digit surface or flush mount single dial clock for an up or down counting elapsed timer with an optional Code Blue trigger. The clocks can function as a stand-alone clock or can be wired as a 12-hour secondary clock for synchronous time. The Code Blue activation is ideal for hospital operating rooms, ICU's, CICU's, laboratories or wherever measuring time is important.

The control station contains an audible signal (volume not adjustable) which sounds for two seconds after the timer reaches the preset UP time or the DOWN counter reaches 00:00:00. The Code Blue feature provides an override, which forces the unit into a special count up elapsed time mode from 00:00:00. The Code Blue timer is the highest priority function of the clock while in the run mode. No matter which of the three normal functions is being displayed, the code blue input will cause the unit to begin counting elapsed time from 00:00:00. All other functions of the unit continue to operate in the background during a Code Blue.

Part \# Description ATSTCS
Timer Control Station


