

**CD-236**  
**2.3" 6 DIGIT**

**DIGITAL**  
**SECONDARY CLOCK**

*Low voltage - 24 VAC*

**Product Information**

The CD-236 digital clocks are designed as low voltage energy efficient clocks for use with any master clock system using a 3-wire synchronous 59th minute correction scheme. When properly connected to a 24 VAC or 120 VAC source and to the master clock, the CD-236T digital clock will receive automatic correction each hour for hourly correction and twice daily for 12 hour correction and for Daylight Savings Time adjustments.

During power outages, back up time keeping is accomplished internally without batteries. Low voltage systems may be installed using low voltage plenum cable. **NO CONDUIT REQUIRED!** These clocks are provided in a modern looking black textured metal case with matching back cover and a red plexiglass lens. They are also available in a black textured flush mount bezel. Time display is by ultra bright LED characters. Battery back up for the entire system (keeping displays lighted) is now an option for this energy efficient system.

The CD-236 only weighs 2 pounds which means very low shipping cost.

Each clock uses a current limiting power supply with additional protection provided by a re-setting input power fuse.



**Features**

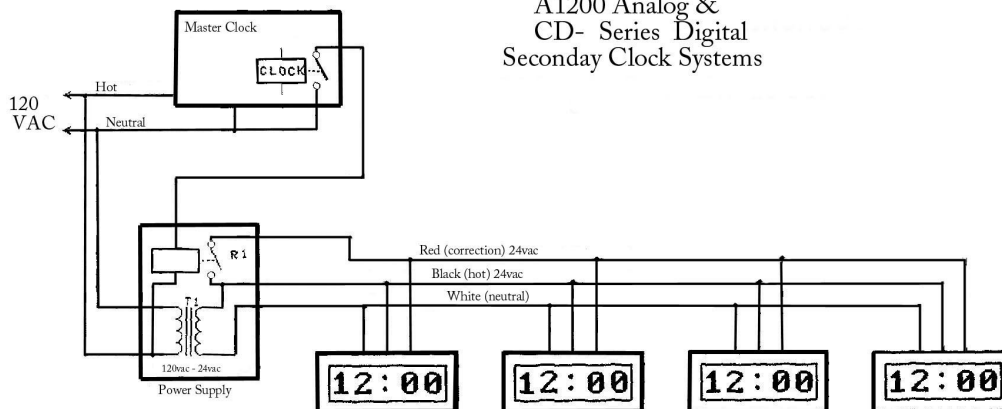
- ◆ **Display Format** - 12 or 24 hour, blinking or non-blinking colon. Dip switch selectable.
- ◆ **Correction format** - three wire synchronous  
Simplex, Latham  
Standard electric Time  
National, Rauland Borg
- ◆ **Connection** - wire nuts, terminal block to controller
- ◆ **Back up timekeeping** - 120 minutes  
Optional 20 hour backup  
(no batteries required)
- ◆ **Operating voltage** -  
24VAC (no conduit required)  
120VAC
- ◆ **Energy efficient.**
- ◆ **Low acquisition cost**
- ◆ **Easy mounting** - Clock to a single gang electrical box.
- ◆ **No preventive maintenance**  
*No batteries to install*
- ◆ **Easy to install.**

**Seasons Clock Systems, Inc.**

12480 W. 62nd. Terrace Suite 103  
Shawnee, KS 66216

913-631-2425 <> fax 913-631-2464  
[WWW.SeasonsClock.com](http://WWW.SeasonsClock.com)

Typical Wiring For  
3 Wire Synchronous  
A1200 Analog &  
CD- Series Digital  
Secondary Clock Systems



**Electrical**

Operating Voltage .....24 Vac 50/60 Hz  
 range .....12 - 36 VAC  
 Operating current (typical).....70 ma @ 24 VAC  
 Correction format .....8 seconds duration corrects to 59th. minute  
 14 seconds duration corrects to 5:59  
 Back up time keeping (no display) .....120 minutes  
 Correction Voltage.....24 VAC, 3 ma  
 Display .....Red LED 7 bar characters

**Mechanical**

Case .....Black textured metal  
 Case dimensions..... 12.75"Wx4.5"Hx2"D  
 Mounting .....Keyholes in back of case for #6 or #8 screw.  
 Shipping weight .....2 Lbs.

**Ordering Information**

2.3" Digital Secondary Clock.....CD-236  
 2.3" Digital Secondary Clock– Flush mount .....CD-236bz  
 Add -120 to part number for 120vac clocks

**Seasons Clock Systems, Inc.**

12480 W. 62nd. Terrace Suite 103 <> Shawnee, KS 66216  
 913-631-2425 <> fax 913-631-2464

**WWW.SeasonsClock.com**