

A1200

Multi-Mode, Smart, Correcting Clock

Low voltage - 24 VAC

Multiple correction schemes

The SCS A1200 Analog clocks combines the advantages of a quartz movement with a solid state micro-controller to achieve a low voltage energy efficient clock having **multiple correction schemes available from one clock movement**. Multi-mode means accommodation of many correction schemes with only one product in inventory. The A1200 is compatible with popular master clock systems using a 3-wire synchronous scheme. When connected to a 24 VAC source and to the master clock, the A1200 analog clock will automatic correct each hour for hourly correction and twice daily for 12 hour correction and for Daylight Savings Time adjustments. **Additional correction schemes are available by changing dip switch settings.**

The low power consumption of the A1200 provides many cost saving advantages resulting in lower acquisition costs.

Most systems may be installed using low voltage plenum cable. **NO CONDUIT REQUIRED!** The A1200 mounts to a standard one-gang electrical box. There is no need for special back boxes or special mounting hardware. Low power requirements allow the A1200 to run off of intercom cabling.

Clocks are provided in a modern style black metal case, black hour and minute hands, red second hand with a styrene lens. The A1200 only weighs 2.5 pounds which means very low shipping costs.

U.S. Patent 6,205,090



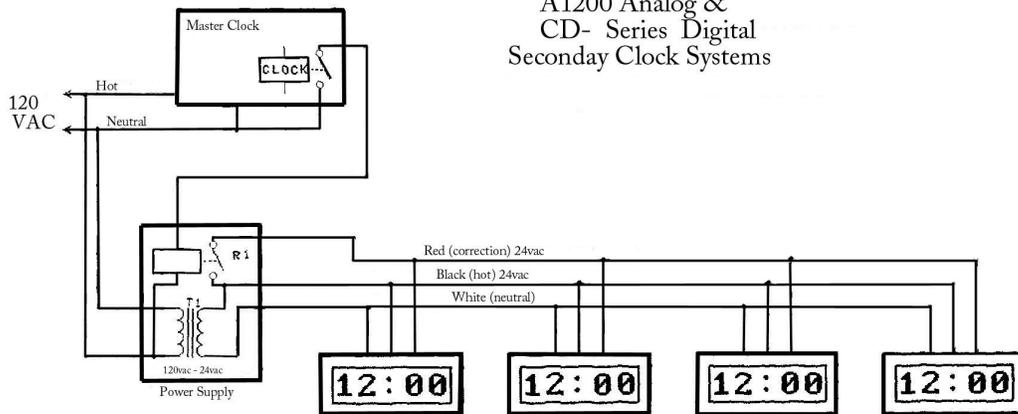
Seasons Clock Systems



Features

- ◆ **Correction formats** - multiple correction formats available in each clock .
- ◆ **Truly correcting** – Accounts for travel time. Will be in agreement with master clock at the end of fast travel mode.
- ◆ **Display Format** - 12 hour .
- ◆ **Ignores power glitches** - 2 second backup
- ◆ **Connection** - wire nuts
- ◆ **Low voltage operation** -
24vac (no conduit required)
or 120 vac
- ◆ **Energy efficient** - .025 A @ 24vac
- ◆ **Low acquisition cost**
- ◆ **Easy mounting** - to a single gang electrical box. (no special hardware)
- ◆ **No preventive maintenance**

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



Electrical

Operating Voltage 24 OR 120 VAC 50/60 Hz
 range16 - 36 VAC or 90-130 VAC
 Operating current (typical).....25 ma @ 24 VAC
 Correction format59th minute 3 wire synchronous
 58th minute
 National time
 Ignores power glitches2 seconds
 Correction Voltage.....24 VAC, 3 ma
 Display12 inch round

Mechanical

CaseBlack metal
 LensStyrene
 Case dimensions.....12.5" diameter x 1.5" deep
 Mountingslotted bracket for #6 or #8 screw
 Shipping weight2 Lbs.

Ordering Information

12" Analog Secondary Clock 24 VAC..... A1200
 12" Analog Secondary Clock 120 VAC A1200-120

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