

TITLE: INSTALLATION INSTRUCTIONS – 3-WIRE DOUBLE-FACE DIGITAL CLOCK – CEILING OR WALL MOUNT

INSTRUCTION SHEET: INST-3-WIRE-DIG-DD

REVISION: 01

EFFECTIVE: 04-01-2020

- Unpack carefully. Leave plastic protectors on display faces
- Ensure power is not applied to the clock or the circuit on which the clock will be installed.
- Mounting: Wire the clock per national and electrical codes.
 - Ceiling Mount: Mounts to 4 inch box using two #8-32 x 3/4" screws (included)
 - Wall Mount: Mounts to a single or double gang box using up to four screws (not included)
- Make electrical connections for the Molex cable (not wired to the clock) to a non-switched electrical circuit using UL-approved wire nuts. Route field wiring away from sharp projections and corners.
- Wiring:
 - Connect the wall half of the supplied wiring harness to the facility wiring.
 - Black (24, 120VAC line power)
 - White (Neutral)
 - Red (24 or 120VAC correction)
 - Green (Ground)

Note: Line power and correction voltage must be the same; differential correction voltage is not supported in these clocks.

- Join the wall and clock Molex connectors together.
- Mount the clock to ceiling or wall in accordance with all building codes.
- Remove the plastic protectors from the display faces.

Clock Setup:

- Apply power to clock.
- Upon clock startup, the clock will scroll the firmware version number (example "UEr 1 2").
- The clock will then perform a digit check in which all segments of the display will be illuminated.
- After the digit check, the clock will scroll a series of dashes and underscores.
- The clock will then go to a time based on the internal real-time clock until it receives a correction from the master. The colons will flash until the clock receives a 12-hour correction.
- When the clock receives a correction, the dot in the bottom right corner will illuminate.

Note: It may be up to 24 hours before the clock corrects and goes to the correct time. If the colons are still flashing after 24 hours, contact American Time technical support.

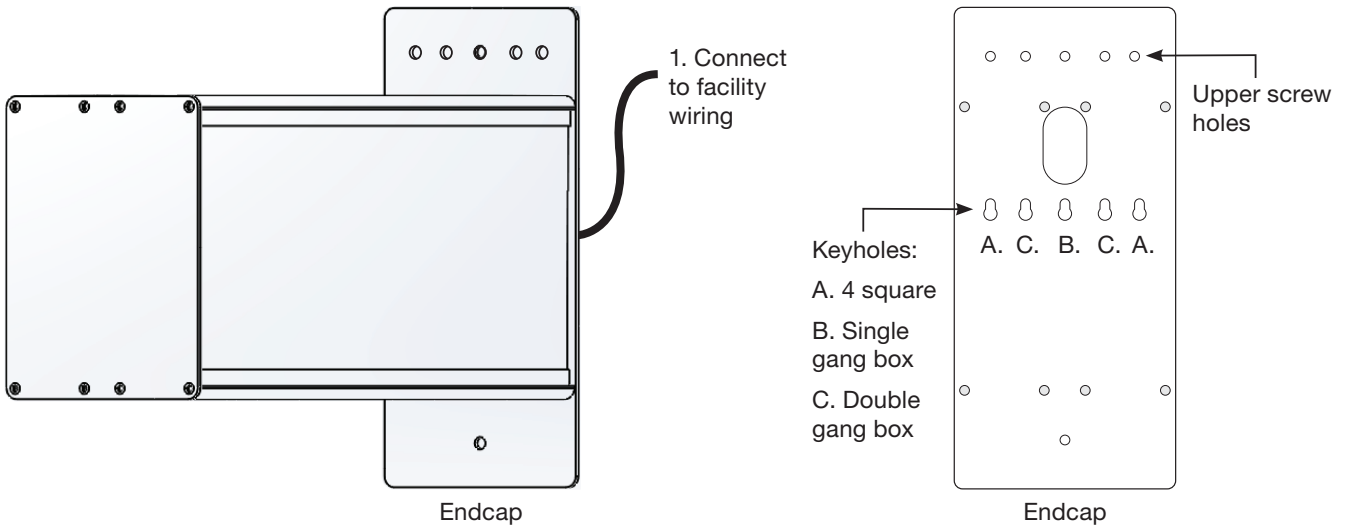
Contact American Time technicians at 800-328-8996 for assistance.

Part number suffix reference

A (RCA/GCA/RWA/GWA) = 120VAC with Molex connector

B (RCB/GCB/RWB/GWB) = 24VAC with Molex connector

Wall Mount



Ceiling Mount

