Corrective Analog Sync System Clocks

Ideal for New Applications or Replacing Failing Older Clocks in Your Existing Wired Cincinnati, Edwards, Simplex or IBM Corrective Clock Systems

Our Solid State clocks are the first of its kind capable of reading the correction signal for many systems upon installation with no manual adjustment.

When replacing clocks for the brands listed below, compare Our electronic clocks with solid-state corrective movements to our traditional clocks with mechanical corrective movements.
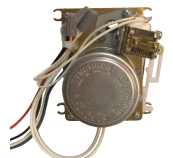
Cincinnati/Edwards Corrective Clocks

We distribute high quality secondary analog replacement Cincinnati/Edwards compatible clocks, with wired synchronous correction with traditional mechanical clock movements or with new electronic solid-state circuit board movement instead of the traditional mechanical movement and use up to 80% less energy

New Cincinnati Solid State Movement

Old Style Mechanical Cincinnati Movement *Discontinued

Simplex/IBM Corrective Clocks

We distribute high quality secondary analog replacement Simplex and IBM compatible clocks with wired synchronous correction with traditional mechanical clock movements or with new electronic solid-state circuit board movement instead of the traditional mechanical movement and use up to 80% less energy

New Simplex Solid State Movement
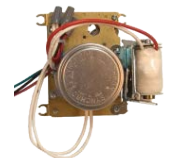
Old Style Mechanical Simplex Movement *Discontinued

Affordable Time Keeping Solutions

www.timeaccessinc.com

SYNCHRONOUS-WIRED
Surface, Flush and Double Dial Mounted Corrective Solid-State Clocks With Molded Plastic Case

FEATURES

- **1 Year Warranty**
- Microprocessor controlled movement
- 15 minutes of backup power (no batteries required)
- Accuracy to within ±1 second of a master clock
- Reduced power consumption
- Attractive modern design
- Impact-resistant black plastic case
- Shatter-resistant polycarbonate crystal
- Diagnostic LED

DESCRIPTION

Our solid state clocks are provided in **round only** high impact black plastic cases with clear polycarbonate crystals and bold, black numerals and minute markers on a non-yellowing white dial. Stylish hour and minute hands are aluminum with a black finish and a red sweep hand.

Our clocks are designed to work with multiple master clocks and correction signals. This unit is programmed to identify the signal it receives from the master and operate as that style of clock. Changing clock operation from one style to another is as easy as unplugging the clock from one system and plugging it into another. If needed, changing the placement of two small jumpers on the circuit board can change the voltage required to run this clock from 120vac to 24vac or 24vac to 120vac. This clock provides 15 minutes of backup run power without the use of batteries. If a power outage should last longer than 15 minutes, the clock will synchronize to the master clock at the hourly and 12 hour correction cycles.

Correction Signals
Works on:

- Hourly correction: 7-9 seconds starting at the 57th minute and 54th second. 12 hour correction: 13-18 seconds starting at 5:57:54 (am and pm).

- Hourly correction: 24-28.5 seconds starting at the 0 minute and 0 second. 12 hour correction: 24-32 minutes starting at 6:00:00 (am and pm).

- *Hourly correction: 54-56 seconds starting at the 58th minute and 5th second. 12 hour correction: 10 pulses of 94-96 seconds starting at 5:05:00 (am and pm) and repeating every 2 minutes.

- Hourly correction: 24-26 seconds starting at 0 minute and 0 second. 12 hour correction: 25 pulses of 24-26 seconds starting at 6:00:00 (am and pm) and repeating every 60 seconds.

- Hourly correction: 63-67 seconds starting at the 58th minute and 0 second. 12 hour correction: 14 pulses of 63-67 seconds starting at 5:06:00 (am and pm) and repeating every 2 minutes.

- *Hourly correction: 54-56 seconds starting at the 58th minute and 5th second. 12 hour correction: 12 pulses of 63-67 seconds starting at 5:05:00 (am and pm) repeating every 90 seconds.

Synchronous Electronic Solid State Corrective Movement
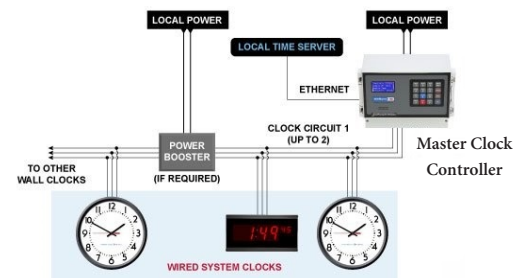
Synchronous Solid State Corrective Slave Clock Specifications

SPECIFICATIONS
- 120vac 50/60 Hz or 24vac 50/60 Hz
- Current draw: Single dial:
  24vac, 1 watt, .043 amps
  120vac, 3 watts, .028 amps
  Double dial:
  24vac, 2 watts, .086 amps
  120vac, 6 watts, .056 amps

GENERAL
Types of secondary clocks compatible with AllSync Plus:

Cincinnati   WS*, *D-8, *D-10, *D-12 Series

**Simplex®
& IBM**   77* Series, 82* Series, 2310 – 92* -- Series, 6310 – 92* Series

Note:
Double dial mounting requires a 4" square electrical box in the wall or ceiling. Surface clocks have a molded in hanger in the plastic case used to secure the clock to a bracket (pictured below) to a single gang electrical box.

Note: 12" surface mount clocks include security bracket.

Flush
mount plastic Molded

OUTSIDE DIMENSIONS FLUSH MOUNT

SIZE	A	B
12"	13¼"	2"
15"	16"	2"

Choose Your Clock Dial
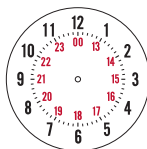
Style **32** 12 Hour Dial Standard

Style **33** 24 Hour Dial

Maximum operating voltage: 24vac setting = 32vac
120vac setting = 140vac
Minimum operating voltage: 24vac setting = 18vac
120vac setting = 105vac

*Indicates more numbers before or after.

SURFACE OR DOUBE MOUNT ORDERING INFORMATION   *Please Contact Us for Pricing*

Part #	Description	
U54BAAA204	12" Rd Surface	120vac
U54BABA304	12" Rd Surface	24vac
U53BABA204	12" Rd Double dial wall	120vac
U53BABA304	12" Rd Double dial wall	24vac
U52BAAA204	12" Rd Double dial ceiling	120vac
U52BABA304	12" Rd Double dial ceiling	24vac

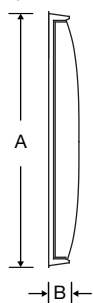| Part #	Description	
U64BAAA204	15" Rd Surface	120vac
U64BABA304	15" Rd Surface	24vac
U63BAAA204	15" Rd Double dial wall	120vac
U63BABA304	15" Rd Double dial wall	24vac
U62BAAA204	15" Rd Double dial ceiling	120vac
U62BABA404	15" Rd Double dial ceiling	24vac

*Indicates more numbers before or after.

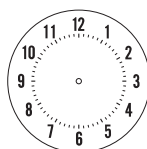## FLUSH MOUNT ORDERING INFORMATION   *Please Contact Us for Pricing*

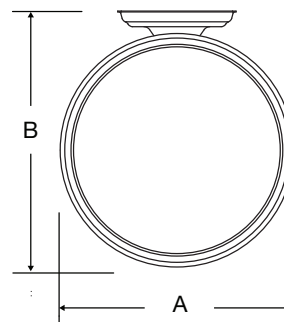| Part #	Description	
U55BAAA204	12" Rd Flush	120vac
U55BABA304	12" Rd Flush	24vac
U65BAAA204	15" Rd Flush	120vac
U65BABA304	15" Rd Flush	24vac

Surface
mount plastic Molded
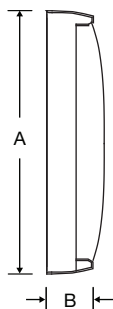
Wall mount plastic
Molded double dial
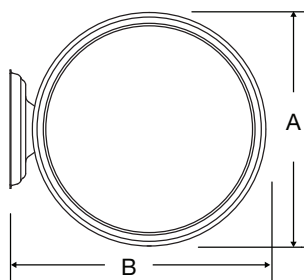
Ceiling mount plastic
Molded double dial

Double Dial
dial profile

OUTSIDE DIMENSIONS
Surface Mount

SIZE	A	B	C
12"	13¼"	2½"	N/A
15"	16"	2½"	N/A
Double Dial (12" & 15" only)			
12"	13¼"	15"	8⅝"
15"	16"	19¼"	8⅝"
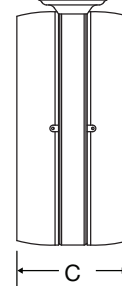
Please Note We continually strive to improve our products to meet our customers' needs and to provide the best possible value. The above specifications are believed to be correct, are subject to change without notice and may otherwise vary from the above.

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