

Wireless Corrective Analog Wall Clocks uses 120Vac Power (no batteries needed)

Features

- Wireless time synchronization without batteries to replace
- “Plug & Play” installation – no manual setting required
- Sturdy metal case or impact resistant plastic case
- High quality glass crystal
- Surface and double-face (wall or ceiling) mount models are available. Surface clocks include a hanger to fit 8 x 8 x 3” recessed wall boxes.
- Molex male plug connects to existing 120Vac installations making this ideal for replacing 3-wire synchronous clocks. Optional AC cord with 2 prong plug is sold separately.
- 12” or 15” high visibility round dials
- FCC Part 15 Compliant

Operation

During normal operation, clocks keep accurate time while movement operates on 120Vac. A sweeping second hand moves with a smooth, sweeping motion. Also during normal operation, the clock listens for a wireless synchronization signal twelve (12) times per day to maintain high accuracy. Clocks remain accurate to within 1 second of the transceiver(s)

During power failures the hands will stop. After power resumes and after initial power up, the clock starts listening for an AirTime radio synchronization signal. A green LED on the front face of the clock flashes every two (2) seconds until a signal is received. After signal reception, the green LED flashes every second and the clock begins the correction cycle.

During a correction cycle (i.e. after power up or during Daylight Saving Time adjustment), the second hand stops at 00 seconds, the minute hand advances one rotation per minute, and the hour hand advances one hour per minute past the 12 o'clock hour until it synchronizes with the transceiver. The clock's time can also be set manually using a button located on the back of the case. Clocks stay within 1 second of the transceiver(s).

Verification of signal reception can be achieved by pressing a button located on the back of the case. If a signal was received successfully within the previous 72 hours, then the LED indicator on the front face of the clock will flash green. If signal reception was not achieved then the LED indicator will flash red.



Plastic Clock – Case consists of impact resistant black plastic outer ring, a metal trim ring, glass crystal and hanger bracket to retrofit existing wall boxes and speaker baffles. The clock face consists of a 12 inch diameter white dial with black numbers and tick marks, with black metal hour and minute hands and a red metal second hand. Movement and radio receiver are contained in an impact resistant plastic back enclosure, with an affixed maze style slot hanger.

Metal Clock – Case consists of a black powder coated metal outer ring and glass crystal. The clock face consists of a 12 inch or 15 inch diameter white dial with black numbers and tick marks, with black metal hour and minute hands and a red metal second hand. Movement and radio receiver are contained in an impact resistant plastic back enclosure, with an affixed maze style slot hanger.

Double Face Clocks – Each unit consists of two separate single face metal clocks affixed to a separate metal double dial ring that mounts to the wall or ceiling.

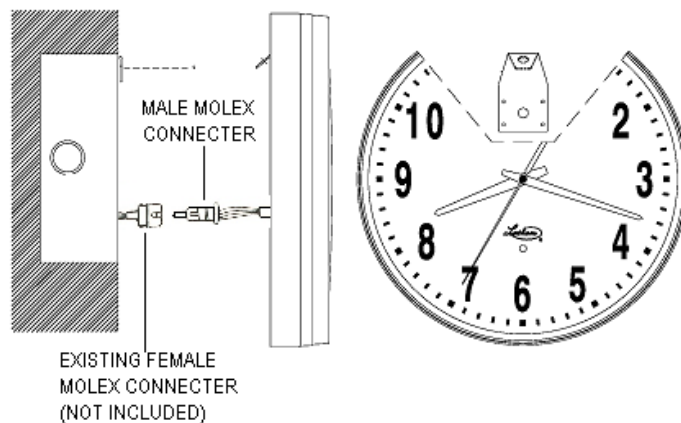
Specifications

Input Power 100-240Vac 50/60Hz 0.2A

Model	Description	Dial Diameter	Case Diameter	Projection from Wall	Hanger Offset from Center	Shipping Weight	Country of Origin
AT12RP-AC	12" Plastic w/ metal trim ring	12.12"	13.20"	2.39"	4.10"	4.17 lbs.	China
AT12RM-AC	12" Metal	12.12"	13.58"	2.39"	4.10"	4.67 lbs.	China
AT15RM-AC	15" Metal	15.75"	16.20"	2.39"	4.10"	7.18 lbs.	USA
AT12RD-AC	12" Double Face	12.12"	13.58" x 7.30" wide	14.75"	8.00"	17.62 lbs.	USA
AT15RD-AC	15" Double Face	15.75"	16.20" x 7.50" wide	22.25"	14.12"	17.60 lbs.	USA

Warranty

One year limited warranty on defects in material or workmanship.



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