

Wireless Analog Wall Clocks

Features

- Wireless time synchronization requires an AirTime Transceiver (ATX or ATX6).
- Internal UHF radio receiver for reliable signal reception
- Automatic Daylight Saving Time adjustment
- Provides accurate time during power loss
- “Plug & Play” installation – no manual setting required
- Continuous motion smooth sweeping second hand
- Sturdy metal case or impact resistant plastic case
- Surface and double-face (wall or ceiling) mount options
- High quality glass crystal
- 12” or 15” high visibility round dials
- Five (5) year battery life or 12” AC powered model available
- FCC Part 15 Compliant

Operation

Battery operated clocks operate for five (5) years on two replaceable CR123A lithium batteries (included). After initial power up, the clock listens 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 sets itself to the correct time, after which the LED will discontinue flashing.

During normal operation the clock listens for a wireless synchronization signal twelve (12) times per day on even hours at the 58th minute between the 50th and 59th second. The clocks remain synchronized with the transceiver(s) within 1 second. A sweeping second hand moves with smooth, continuous motion. A minute hand advances 1/6th of a minute every 10 seconds. The hour hand advances 1/60th of an hour every minute.

During a correction cycle (i.e., at time of startup or during Daylight Saving Time adjustment) the second hand stops at 00 seconds, the minute hand advances at a rate of one rotation per minute, and the hour hand advances one hour per minute. This rapid advance process continues past the 12 o'clock hour and then until the clock reaches the time of the transceiver. Then the clock resumes normal operation. Time on the clock can be set manually using a button located on the back of the case.

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 and glass crystal. 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. Standard on the AC model or optional model available (AT12RP-T) has a flush mount metal trim ring and hanger bracket to retrofit existing wall boxes and speaker baffles.

Metal Clock – Case consists of a black powder coated metal outer ring and glass crystal. The clock face consists of a 12 or 15 inch diameter white dial with black numbers and tick marks, with black hour and minute hands and a red second hand. 12” and 15” models are housed in a surface mount case. 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 12” or 15” separate single face metal clocks affixed to a separate metal double dial ring that mounts to the wall or ceiling.

Specifications

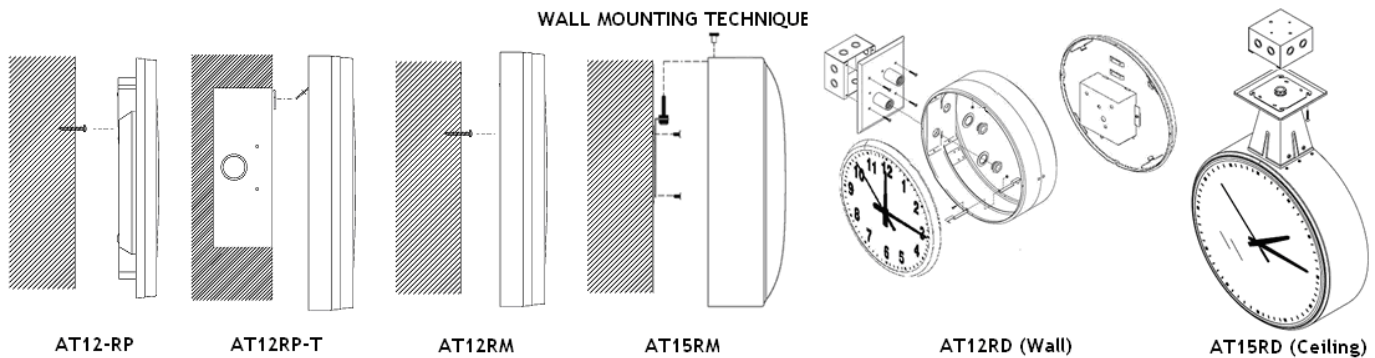
Model	Description	Dial Diameter	Case Diameter	Projection from Wall	Hanger Offset from Center	Shipping Weight	Country of Origin
AT12RP / -T	12” Plastic / Optional metal trim ring	12.12”	13.20”	1.96” / 2.39”	4.10”	4.17 lbs.	China
AT12RM	12” Metal	12.12”	13.50”	2.32”	4.10”	4.7 lbs.	China
AT15RM	15” Metal	15.75”	16.20”	2.39”	4.10”	7.18 lbs.	USA
AT12RD	12” Double Face	12.12”	13.58” x 7.30” wide	14.75”	8.00”	17.62 lbs.	USA
AT15RD	15” Double Face	15.75”	16.20” x 7.50” wide	22.25”	14.12”	17.60 lbs.	USA

Battery Operated Models..... CR123A x 2 (included)

Battery Life (approximate)..... 5 years

Warranty

One year limited warranty on defects in material or workmanship.



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