



Atomic (Radio-Controlled) Molded Plastic Case Clocks

Our Radio Controlled clocks are equipped with miniaturized radio receivers to receive the time signal transmitted by the National Institute of Standards and Technology (NIST) from Fort Collins, Colorado. The time signal is based on the cesium clock, the most accurate timekeeping device in the world. The clock will automatically receive and compare the time signal with the time shown on the clock. In case of a deviation, the clock will automatically correct its time to agree with the time signal. This procedure is executed eight times a day to keep the clock on time.

FEATURES

- AA battery movement
- Automatic synchronization to WWVB
- Automatic time change for ST/DST
- Integrated antenna
- High speed time setting
- Manual time setting backup feature
- Impact-resistant plastic case and polycarbonate crystal
- Battery Booster (optional)
- 3 Year Warranty

The American Time Radio-Controlled Clock uses one AA alkaline battery. An optional Battery Booster Pack uses six AA alkaline batteries to provide 5+ years of maintenance-free operation. The clock can be set to any U.S. time zone (PT, MT, CT, ET) for radio-controlled operation or manually in areas with poor signal reception. After setting the time zone, pulling the pin, and installing the battery, the movement searches for the time signal. Once received, the hands advance rapidly to the correct time. This can occur in as little as three minutes with a strong signal but typically happens overnight when signal strength is highest. Weather, building materials, and terrain can affect reception. Allow up to 72 hours for the clock to synchronize. If it does not, relocate it to another wall away from electronic devices or large metal objects.

The clock is available in a round design with an impact-resistant black plastic case, shatter-resistant crystal, bold black numerals and minute markers on a non-yellowing white dial. Aluminum hour and minute hands feature a black finish with a red sweep second hand. Optional bezel colors are available.

SPECIFICATIONS

Motor	Stepper
Normal Operation	1 Step/Sec
Operating voltage	1.25vdc to 1.70vdc
Operating temperature	23 °F to 131 °F (-5°C to +55°C)
Nominal voltage	1.5vdc
Battery life	> 1 Year
Battery	AA alkaline
Antenna	Built-in
Setting time after reception	4 Minutes
Receiving time	3 – 16 Minutes
Radio signal reception times	1:00, 3:00, 6:00, & 10:00 (AM & PM)
Hand placement	12:00
Signal frequency	60 kHz
Sensitivity	≤ 50µVm
Gear alignment	12:00
Typical torque second hand	≥ 180µNm



ORDERING INFORMATION

The radio signal may not be received in all areas. We suggest a test clock to ensure they will correct in your location.

Description	Battery-AA Holder*	w/Battery Booster Pack	w/Battery Booster Pack +6 Batteries
	Part #	Part #	Part #
12" Round surface	E56BAND301	E56BAND301BP	E56BAND301BF
12" Double dial ceiling	E92BAND201	E92BAND201BP	E92BAND201BF
12" Double dial wall	E93BAND201	E93BAND201BP	E93BAND201BF
15" Round surface	E66BAND301	E66BAND301BP	E66BAND301BF
15" Double dial wall	E63BAND201	E63BAND201BP	E63BAND201BF
15" Double dial ceiling	E62BAND201	E62BAND201BP	E62BAND201BF

*Batteries sold separately.

Notes: See our website for more styles to choose from. Personalized dial option available. Add L to the end of the Part #. Double dial mounting requires a 4" square electrical box in the wall or ceiling.

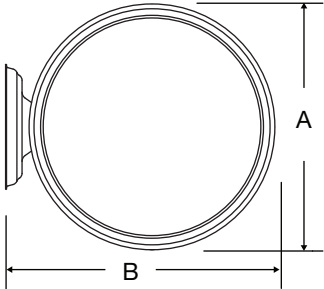
Surface mount plastic



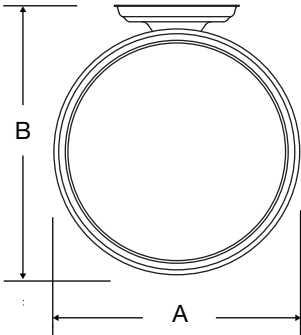
OUTSIDE DIMENSIONS
SURFACE

SIZE	A	B	C
12"	13¼"	2½"	NA
15"	16"	2½"	NA
DOUBLE DIAL (12" & 15" only)			
12"	13¼"	15"	8⅝"
15"	16"	19¼"	8⅝"

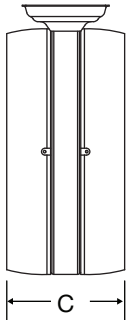
Wall mount plastic double dial



Ceiling mount plastic double dial



Plastic double dial profile



At American Time, 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. Please call if you need verification of any specifications or the suitability of a particular product for a particular application.