



Wi-Fi Analog Steel Case Clocks Battery

Wi-Fi clocks connect to your existing Wi-Fi network to pull time from an Internet time server. Hang them anywhere you get a Wi-Fi signal. It's one of the fastest and most cost-effective ways to get synchronized time.

FEATURES

- 3 Year Warranty
- Can arrive preconfigured to join your Wi-Fi network
- Automatic Daylight Saving Time adjustment
- Durable steel case
- 5 Year battery pack

SPECIFICATIONS

Clock hour & minute hands	Black
Clock second hand	Red
Clock case	Steel (black, gray or white finish)
Crystal	Convex glass or polymer (polymer only on 12" square and 15")
Power	6 (1.5V) AA Lithium batteries (included domestically)
Battery life	Up to 5 years
Rear panel indicator	Red, orange and green LED indicates mode status
Wi-Fi	802.11n (802.11b/g compatible, 2.4 GHz only)
Supported data rates	72, 65, 43, 29, 22, 14, 7 Mbps (802.11n) 54, 48, 36, 24, 18, 12, 9, 6 Mbps (802.11g) 11, 5.5, 2, 1 Mbps (802.11b)
Security protocols	WEP, WPA/WPA2 and Enterprise (PEAPv0-MSCHAPv2)
Configuration	Clocks are pre-configured for plug-n-play installation (standard) or individually configured via Wi-Fi client through web page interface. Supports DHCP or static IP addressing.
Antenna type	Internal
Time to synchronize	Average time on the network is typically less than 10 seconds. Sync frequency is programmable from 1-12 hours. Staggered synchronization for unnoticeable network load with multiple clocks. Clock will display correct time within 10 minutes of applying power. Automatically adjusts for Daylight Saving Time changes.
Time accuracy	±1 second to SNTP time server. Supports two static IP address time servers for redundancy or pool SNTP domain names
Warranty	3 Years

PHYSICAL/ENVIRONMENTAL SPECIFICATIONS

Operating temperature	41°F to 131°F
Storage temperature	41°F to 131°F
Relative humidity	0% - 95% Non-condensing



COMPLIANCE

- FCC Part 15 Class B
- ICES-003
- ROHS

ORDERING INFORMATION

Part #	Description
W444BHDD904BP	10" Round, surface mount
W445BHDD?04BP	10" Round, flush mount
W454BHDD904BP	12" Round, surface mount
W455BHDD?04BP	12" Round, flush mount
W457BGDD904BP	12" Square, surface mount
W458BGDD?04BP	12" Square, flush mount
W453BHDD204BP	12" Round, double dial wall
W452BHDD204BP	12" Round, double dial ceiling
W451BGDD204BP	12" Square, double dial wall
W450BGDD204BP	12" Square, double dial ceiling
W464BGDD904BP	15" Round, surface mount
W465BGDD?04BP	15" Round, flush mount
W463BGDD204BP	15" Round, double dial wall
W462BGDD204BP	15" Round, double dial ceiling

Other dial styles available. Change the 04 in the part number to change the dial style.

Note: Personalized dial option available. Add L to the end of the part number. Contact us for details.

Note: Replace the BH in the part # with GH for gray bezel finish or WG for white. See color swatches.

Note: For polymer lens on 10" and 12" round clocks, replace the BH in the part # with the 2 letter code for the bezel finish. Additional cost.
BG=Black Sand with polymer lens. GG=Steel Gray with polymer lens.

Note: If flush mounting in an existing backbox, change the ? in the Part # to specify correct hanger type from the key:
1=National Time 5=Simplex®, Dukane, Lathem 6=Cincinnati, Edwards, Faraday, Honeywell 8=Standard™ Electric

Bezel Finishes



Black Sand=BH/BG



Steel Gray=GH
(12" only)



White=WG
(12" & 15" only)

OUTSIDE DIMENSIONS

ROUND

"A":

11 1/4" for 10" clocks

13 1/4" for 12" clocks

16 1/4" for 15" clocks

"B" Surface:

2 1/4" for all clocks

"B" Flush:

1 5/8" for all clocks

"B" Double dial:

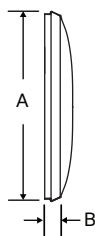
14 3/8" for 12" clocks

17 1/8" for 12" clocks

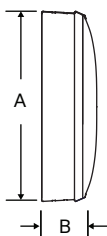
"C" Double dial:

8" for 12" & 15" clocks

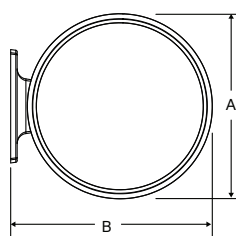
Steel
flush mount



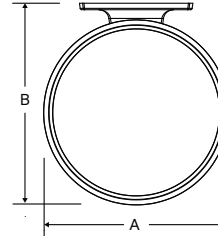
Steel
surface mount



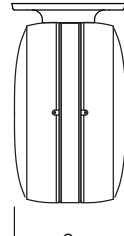
Wall mount round steel
double dial



Ceiling mount round steel
double dial



Steel double
dial profile



OUTSIDE DIMENSIONS

12" SQUARE

"A" 12 5/8"

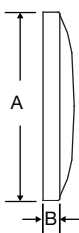
"B" Surface: 3 1/8"

"B" Flush: 1 5/8"

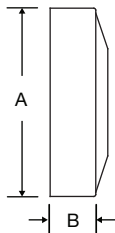
"B" Double dial: 17 1/8"

"C" Double dial: 6 5/8"

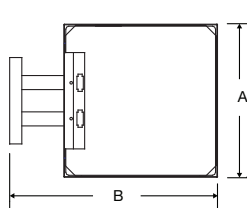
Flush mount
steel square



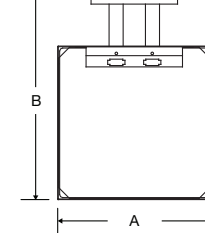
Surface mount
steel square



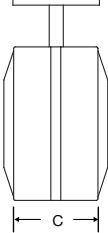
Wall mount steel square
double dial mechanical



Ceiling mount steel square
double dial mechanical



Steel square
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.

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