



Wi-Fi Analog Steel Case Clocks Electric



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
- Up to one hour of continued operation during power outages

SPECIFICATIONS

Clock hour & minute hands	Black
Clock second hand	Red
Clock case	Steel (black or gray finish)
Crystal	Convex glass (plexiglass on 12" square and 15")
Power	120/240VAC or 24VAC, 50/60 Hz
Current draw	120VAC - 4.9 mA (max), 2.3 mA (ave - hourly sync) 24VAC - 10.2 mA (max), 9.3 mA (ave - hourly sync) 240VAC - 2.3 mA (max), 1.3 mA (ave - hourly sync)
Input Voltage Range	120VAC/240VAC (110v to 240v) 24VAC (15v to 30v)
Plug	120VAC/240VAC - 10A 125v 2 prong polarized plug, 6 ft. cord 24VAC - 4 position Molex® connector
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

Bezel Finishes



Black Sand=BH/BG



Steel Gray=GH
(12" only)

ORDERING INFORMATION

Part #	Description	Part #	Description
WN44BHAD904	10" Round, surface mount, 120/240VAC	WN44BHBD904	10" Round, surface mount, 24VAC
WN45BHAD?04	10" Round, flush mount, 120/240VAC	WN45BHBD?04	10" Round, flush mount, 24VAC
WN54BHAD904	12" Round, surface mount, 120/240VAC	WN54BHBD904	12" Round, surface mount, 24VAC
WN55BHAD?04	12" Round, flush mount, 120/240VAC	WN55BHBD?04	12" Round, flush mount, 24VAC
WN57BGAD904	12" Square, surface mount, 120/240VAC	WN57BGBD904	12" Square, surface mount, 24VAC
WN58BGAD?04	12" Square, flush mount, 120/240VAC	WN58BGBD?04	12" Square, flush mount, 24VAC
WN53BHAD204	12" Round, double dial, wall mount, 120/240VAC	WN53BHBD204	12" Round, double dial, wall mount, 24VAC
WN52BHAD204	12" Round, double dial, ceiling mount, 120/240VAC	WN52BHBD204	12" Round, double dial, ceiling mount, 24VAC
WN64BGAD904	15" Round, surface mount, 120/240VAC	WN64BGBD904	15" Round, surface mount, 24VAC
WN65BGAD?04	15" Round, flush mount, 120/240VAC	WN65BGBD?04	15" Round, flush mount, 24VAC
WN63BGAD204	15" Round, double dial, wall mount, 120/240VAC	WN63BGBD204	15" Round, double dial, wall mount, 24VAC
WN62BGAD204	15" Round, double dial, ceiling mount, 120/240VAC	WN62?GBD204	15" Round, double dial, ceiling mount, 24VAC

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

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

Note: For plexiglass lens, replace the BH in the part # with the 2 letter code for the bezel finish. Additional cost.

BG=Black Sand with plexiglass lens GG=Steel Gray with plexiglass 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

Note: Add L to the end of the Part # for personalized dial option

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 15" clocks

"C" Double dial:

8" for 12" & 15" clocks

12" SQUARE

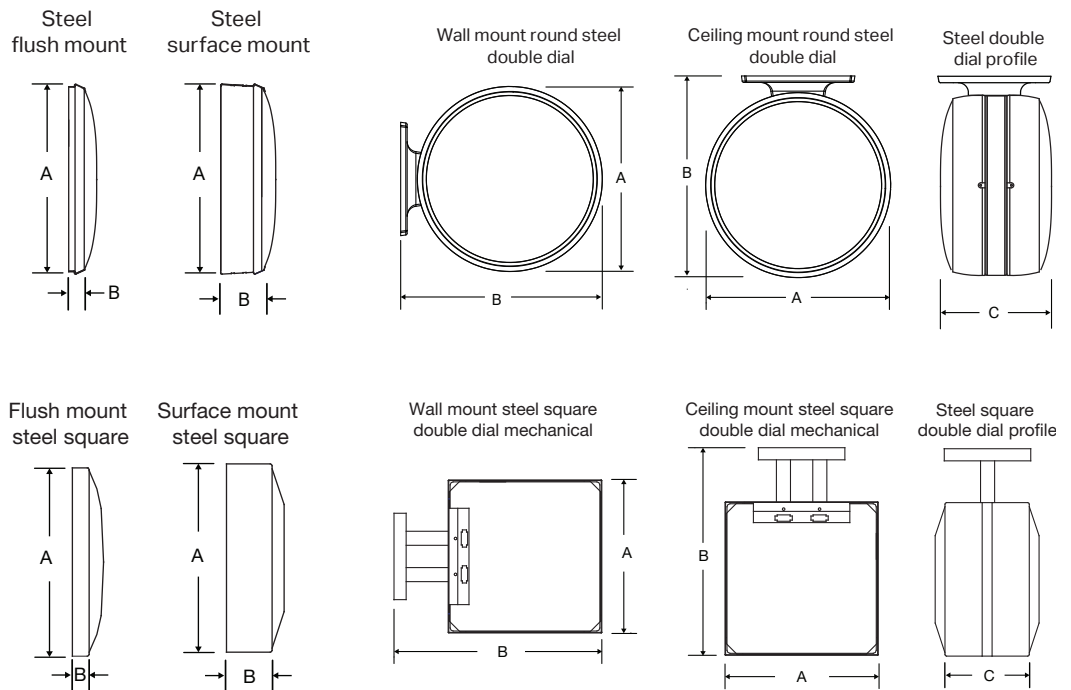
"A" 12 5/8"

"B" Surface: 3 1/8"

"B" Flush: 1 5/8"

"B" Double dial: 17 1/8"

"C" Double dial: 6 5/8"



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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