

## Technical Specification

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<u>MODEL</u>	<u>DESCRIPTION</u>
V-AW12A	12" Wireless Analog Clock, Battery Version
V-AW16A	16" Wireless Analog Clock, Battery Version
V-AW12LP	12" Wireless Analog Clock, 24V/110V Version
V-AW16LP	16" Wireless Analog Clock, 24V/110V Version
V-BDM12 12"	Double Mount Housing
V-BDM16 16"	Double Mount Housing



## FEATURES:

- Microprocessor based movement
- Each clock acts as a repeater and transmitter
- 915—928MHz frequency-hopping technology
- Frequent correction
  - Receiving and transmission rate every two hours (normal mode) or four hours (economy mode) for battery operation
  - Receiving and transmission rate of once a minute for 110V or 24V
- Internal antenna
- Improved sensitivity
- Enhanced diagnostic mode for informing the user of battery level, signal strength, and complete testing of the movement
- Quick correction for time change (max. five (5) minutes)
- Ideal for renovation projects using existing wiring, or for new installations
- Energy efficient:
  - 5 year battery life (in normal mode)\*\*
  - 8 year battery life (in economy mode)
  - 20 mA@ 24 VAC (voltage)
  - 15 mA@ 110 VAC (voltage)
- Wide dynamic range for input voltage
  - Battery powered (2 "D" cell)
  - 7 VAC—28 VAC (24 V model)
  - 85 VAC—135 VAC (110 V model)
- Does not require custom back box
- Smooth surface black ABS case and polycarbonate crystal
- Made in U.S.A.
- Patents pending
- UL, cUL approved. FCC Compliant, FCC part 15 Section 15,247

### Specifications:

**Time Base:**

Quartz, automatic calibration

**Power Input:**

Battery (2 "D" cell)  
95 - 135 VAC/60 Hz  
7 - 28 VAC/60 Hz

**Average Current Consumption:**

Battery - 5 years (normal mode)\*\*  
Battery - 8 years (economy mode)\*\*  
20 mA @ 24 VAC  
15 ma @ 110 VAC

**Power Output:**

8 dbm

**Input sensitivity:**

-103 dbm

**Operating frequency:**

915 - 928 MHz frequency-hopping technology

**Display:**

12 or 24 hour format

**Compliance:**

UL,cUL approved. FCC Compliant. FCC part 15 Section 15,247

**Color:**

Standard black

**Dial:**

Durable polystyrene material

**Case:**

Smooth surface ABS case

**Crystal:**

Shatterproof, side-molded polycarbonate

**Dimensions And Weight:****Clock size:**

12.65" outer diameter, 2.18" depth  
16.65" outer diameter, 2.18" depth

**Movement dimensions:**

7.32" L x 3.46" W x 1.81" D  
12" - 13.31" x 14.25" x 3.5"

**Weight:**

12" - 2.5 lbs.  
16" - 4.0 lbs

**Power kit includes:**

2 - blue plastic anchor  
2 - 10 x 1.5 sheet metal screw  
1 - 4mm thread, 10mm length screw  
1 - mounting bracket