

2.4 GHz Wireless Analog Wall Clocks

Highlights

- Secondary clocks include multi-processor movements
- Each clock receives and retransmits time updates to other clocks
- 2.4 GHz Direct Sequence, Spread Spectrum Technology
- Operates on the Industrial, Scientific and Medical band
- No FCC license required
- AES 128 bit data encryption for secure, reliable communications
- Uses common “AA” batteries. (Not included) No expensive proprietary batteries required
- Frequent correction assures accurate time
- Internal antenna
- DuraTime clocks have sixteen times the RF power of competing systems
- 2.4GHz receivers feature improved sensitivity for reliable communications compared to other bandwidths
- Ultra-low power operation for over 5 years between battery changes, regardless of signal strength
- Quick correction for time changes (max 4 minutes)
- Ideal replacement clock for expensive to maintain hardwired clocks
- Energy efficient:
 - 5-year battery pack.
(4 each AA Alkaline batteries sold separately)
 - 10-year battery pack.
(4 each AA Energizer Lithium batteries sold separately)
- Many voltage configurations available
 - Battery powered (4 “AA” cells sold separately, no custom or special batteries required)
 - 100-265 VAC
- No custom back box required
- Security mounting bracket hardware available
- Assembled in the U.S.A.
- Patents Pending
- FCC part 15.247 certified, CE certified



RC15A
15" Brushed
Aluminum



RC15P
15" Black
Polycarbonate



RC22P
22" Black
Polycarbonate

An RC102 Master Clock Package is required.



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Specifications

Time Base:	Quartz	Radio Band:	Industrial, Scientific and Medical (ISM)
Power Input:	Battery (4 "AA" cells) 100-265 VAC (50-60 Cycles)	Data Encryption:	AES 128 Bit
Battery Life:	5 years with 4-AA alkaline batteries (sold separately) 10 years with 4-AA Energizer Lithium batteries(sold separately)	Display:	12 and/or 24 hour format
Average Current:	15 mA @ 100-265 VAC	Color:	Black or Brushed Aluminum
Power Output:	20 dBm (100mW)	Dial Plate:	Polystyrene (non-water absorbing)
Operating	2.4 GHz Direct Sequence,	Security Bracket:	Steel, punched for single gang electrical box or surface mount
Frequency:	Spread Spectrum	Installation kit includes:	1 - security mounting bracket 2 - screws 2 - plastic universal anchors
		Compliance:	FCC Part 15.247
		Case:	ABS plastic or Aluminum
		Lens:	Shatterproof polycarbonate

Ordering Information

Single Sided Wireless Analog Wall Clocks

RC15P - 15" Plastic Analog Clock, battery powered
 RC15A - 15" Aluminum Analog Clock, battery powered
 RC22P - 22" Plastic Analog Clock, battery powered

RC15P110 - 15" Plastic Analog Clock, 100-265 VAC
 RC15A110 - 15" Aluminum Analog Clock, 100-265 VAC

Options

- Double sided bracket (available in black or silver, Only available for 15" Models)
- Analog clock locks
- IP54 splash resistance on battery powered clocks only



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