



## 2.4 GHz ISM Analog Time Zone Clocks

### The System

The BRG Wireless Time Zone System provides highly reliable, time zone displays using analog clocks. This easy-to-install system will provide years of trouble free service, with near zero downtime.

The system includes automatic switching between Daylight and Standard Time, AES 128 bit data encryption for secure and reliable communications.

You can have up to 18 different zones in one time zone display. The Master Clock is programmed with each country's, state's or region's time zone information, including any Daylight Saving Time (DST) rules that may exist for each location. This includes locations that have a 30 or 45 minute offset from Zulu/UTC.

The clocks come in either black Polycarbonate or brushed Aluminum finish and feature a *LifeTime* 15 year battery pack. Batteries and Zone Labels are included with clock purchase.

### Master Clock

The master clock features an OCXO Oscillator that is accurate to 1 second over 20 years. It comes from the factory synchronized to the US Atomic Clock. In addition, it supports multiple-simultaneous time sources like NTP and GPS time sources.

### Secondary Devices

The analog wall clocks feature a *LifeTime* battery pack that provides 15 years of operation between battery changes. The clocks do not have second hands. The time zone plaques are black polished Lexan with white vinyl letters.



### Features:

- 100% digital communications
- 2.4 GHz Direct Sequence, Spread Spectrum Technology
- Master clock features an OCXO Oscillator that is accurate to 1 seconds over 20 years
- Up to 18 clocks may be used
- Displays hours & minutes
- AES 128 bit data encryption
- All time zones and displays rules supported
- Analog time zone clocks operate 15 years between battery changes using 4 AA Lithium batteries (included)
- Analog clocks do not have a second hand to save battery life
- No FCC license required





Analog Time Zone featuring the BRG 2.4 GHz Brushed Aluminum Analog Clocks



Rounded Labels are included with each analog clock. 1.5" White Vinyl Letters mounted on a 12" x 3" polished Lexan Plate



Master Clock

**Master Clock** - The DuraTime master transmitter is the focal point of the system. It features an OCXO Oscillator that is synchronized at our factory to the US Atomic Clock so there is not need for an internet connection or GPS Receiver. The OCXO Oscillator is accurate to 1 second over 20 years. However, if you would like to obtain time updates from network time servers and/or from an optional wireless GPS receiver, this is available.



Wireless GPS Time Receiver

**Wireless GPS Time Receiver** - The wireless GPS time receiver eliminates the need to run an antenna cable between the master clock and GPS receiver. Additionally, the wireless GPS time receiver can provide time to any number of master clocks.



15" Diameter

**Analog Wall Clocks** - The DuraTime battery powered analog wall clocks eliminate the need for wiring. These clocks can be expected to operate for 15 years between battery changes. They are available in black plastic or brushed Aluminum frames. An impact resistant polycarbonate lens is standard. Mounting hardware is included. No configuration required.

