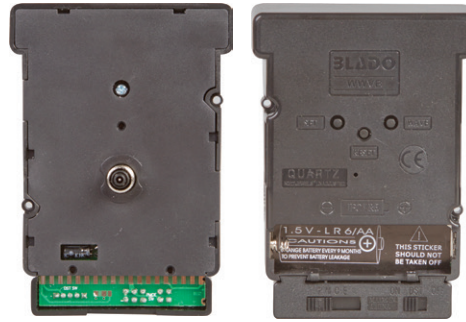


Radio Controlled Movement

FEATURES

- 1 Year Warranty
- Battery operated “AA” movement
- Automatic synchronization to WWVB
- Time change for ST/DST fully automatic
- Stepper movement
- Integrated antenna
- High speed time setting
- Manual time setting backup feature



GENERAL

Our radio controlled movements are equipped with miniaturized radio receivers equipped to receive the time signal transmitted by the National Institute of Standards and Technology (NIST) in Fort Collins, Colorado. The time signal is based on the cesium clock, the most accurate timekeeping device in the world. The movement will automatically receive and compare the time signal with the time shown on the clock. In case of a deviation, the movement will automatically correct its time to agree with the time signal. This procedure is executed multiple times per day to to maintain accuracy.

DESCRIPTION

The movement uses one “AA” battery. It can be set to any U.S. time zone: PT, MT, CT, ET and be used as a radio controlled movement. This unit may also be set on ST (Standard Time) by moving the DST switch from ON to OFF, for areas that do not observe DST. Once the time zone is set, pin pulled and battery installed, the movement will fast run to 12:00 and search for the time signal. When the signal is received and processed, unit will operate a fast run until the correct time is achieved. This process may be achieved in as little as seven (7) minutes with good signal reception, but typically will be achieved at night when signal strength is greatest. Factors such as weather, structural characteristics and topographical conditions may limit or interfere with signal reception. We recommend letting your clock search for the signal for at least 72 hours. If the movement hasn’t corrected, it means that it is in a location that does not receive the signal. Move the clock to a different wall and make sure that it is several feet from electronic/electrical devices or large metal surfaces or objects. If the movement still does not correct the clock can be used as a regular quartz clock by holding the SET button for 3+ seconds to set the time manually.

Radio Control movements may not work in all areas. We suggest trying a sample unit first to determine that they will work for your application.

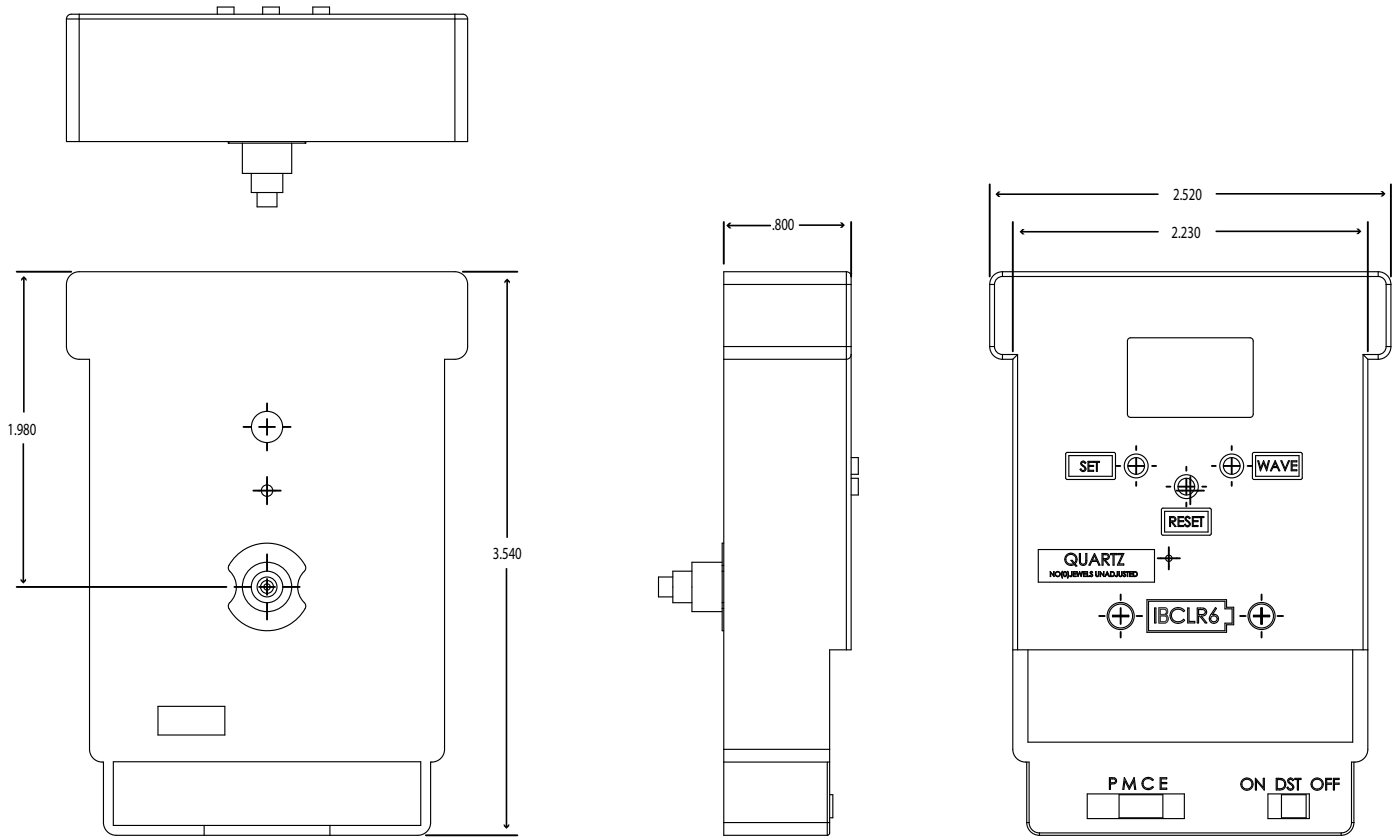
ORDERING INFORMATION

Timer

Part #	Description
N218912C	Movement with C style hands for a 12" dial
N218912F	Movement with F style hands for a 12" dial

SPECIFICATIONS

Motor	Stepper	Normal Operation	1 Step/Sec
Operating voltage	1.25vdc to 1.70vdc	Nominal voltage	1.5vdc
Battery life	> 1 Year	Battery	AA alkaline
Setting time after reception	4 Minutes	Antenna	Built-in
Receiving time	3 – 16 Minutes	Operating temperature	23°F to 131°F (-5°C to +55°C)
Radio signal reception times	1:00, 3:00, 6:00, & 10:00 (AM & PM)	Gear alignment	12:00
Hand placement	12:00	Typical torque second hand	≥ 180μNm
Signal frequency	60 kHz		
Sensitivity	≤ 50μVm		



Measurements are inches