

AUTOMATIC TIME SETTING

After the battery is installed, simply place the clock in the desired position. The clock will begin tracking the signal. Notice that the second hand will jump every three seconds rather than the normal one per second. This indicates that the clock is searching for the signal. After receiving the signal the second hand will rotate rapidly and may also pause momentarily. This is normal. The clock will then automatically set the hands to the correct local time.

IMPORTANT - Your clock may set itself quickly or it may not set until the middle of the night depending on the strength of the signal in your area. If it does not set properly the first night, try another location.

DAYLIGHT SAVINGS TIME SETTING

Your clock adjusts automatically for daylight savings time and back to standard time at the appropriate time of the year. If you live in an area that does not adjust for daylight savings time, simply turn the switch on the back of the clock to the ST (Standard Time) position while the rest of the country is in daylight savings time. When the country returns to standard time, switch back to your correct time and you will be set to receive the signal and automatic time corrections.

POOR RECEPTION

If for some reason your clock does not set itself automatically within 24 hours it is probably due to poor reception. This is normally a temporary condition. Try another location in the room or move to another room. If possible, locate the clock near a window. If you would like to set the clock manually while waiting for automatic time setting follow these steps:

MANUAL SETTING INSTRUCTIONS

- Turn rotary switch on back of clock to ST (Standard Time) or DST (Daylight Savings Time) whichever is appropriate for the current time of year.
- Push and hold the set button on back of clock for at least 10 seconds.
- Once hands start turning rapidly, release the set button.
- Several minutes before you reach the correct time press and release the set button. This will stop the quick set mode.
- Press the set button once for each second you wish to advance the hands until you reach the correct time.
- After setting, turn the rotary switch to your correct time zone to enable the clock to pick up the signal.

The clock will now work normally and will adjust automatically to the precise time when it receives the signal.

LOW BATTERY INDICATOR

If the second hand pauses briefly each time at the 12 position, you have approximately 8 days to replace the battery before the clock stops.

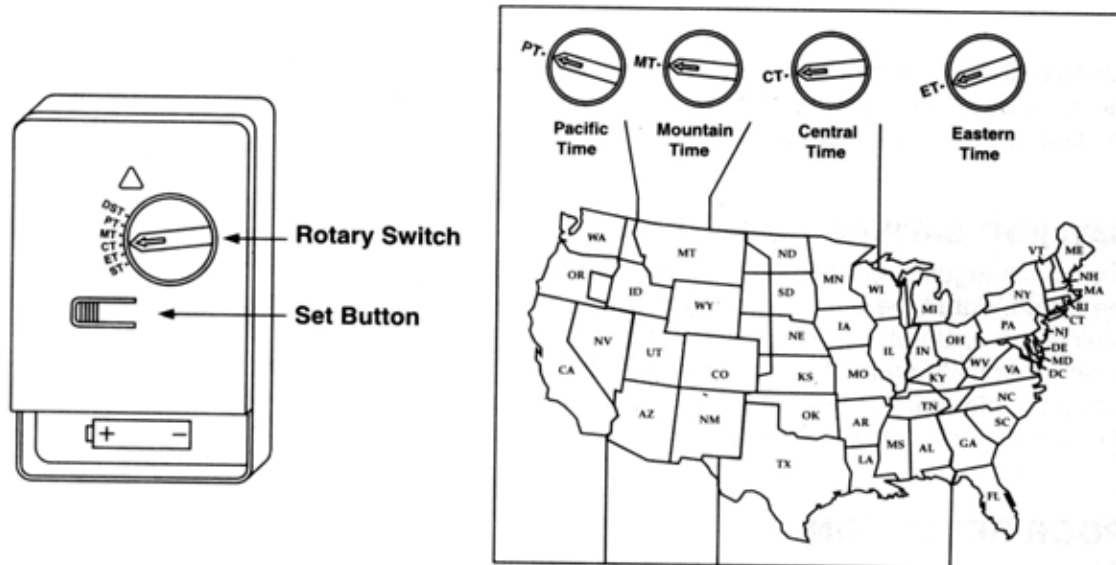
MOVEMENT STOPS

If the clock stops, remove and re-install the battery - if the battery is dead, replace it and follow the setting instructions. In some instances it may help to install the battery backwards momentarily. Remove it again and insert the battery correctly. Refer to poor reception instructions.

NON RADIO OPERATION

If you live in an area where the signal is not received (Alaska, Hawaii) you can still use your clock by following manual setting instructions. It will function as a standard quartz clock.

- Battery : 1 ANSI "AA" (size)/IEC R6 battery.
- Battery life : Approx. 1 years.



HOW DOES IT WORK?

This clock receives a time signal transmitted by the National Institute of Standards and Technology (NIST). Located in Fort Collins, Colorado, the transmitter is linked to a cesium atomic clock, the most accurate time keeping device in the world with a time deviation less than one second in one million years.

Your clock is specially programmed to interpret the signal and set itself to the correct local time.

COVERAGE

Continental United States, parts of southern Canada and northern Mexico. Geographic features, weather disturbances and structure characteristics may affect reception. Signal reception is strongest between 10:00 pm and 5:00 am.

LOCATION OF CLOCK

Place your clock near a window and in an area in your home or office where you receive good radio reception.

Avoid placing the clock near electrical devices such as personal computers, radio's, TV's, satellite dishes, air conditioners, etc. Also, avoid light dimmer switches and appliances with electric motors such as dishwashers, refrigerators and washing machines. These devices may interfere with the reception of the signal.

HOW TO START YOUR CLOCK

- Turn the rotary switch on the back of the clock to your time zone. ET = Eastern, CT = Central, MT = Mountain, PT = Pacific
- Insert a fresh AA size battery insuring that the positive and negative terminals are lined up correctly.