

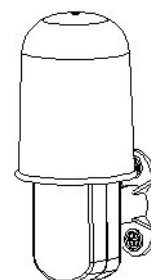
# Analog Clock Set Up Instruction

## INVENTORY OF CONTENTS

1. The indoor temperature station with clock (figure 1)
2. The remote temperature sensor and mounting bracket (figure 2)
3. 2 each, 1/2" Phillips screws.
4. Instruction Manual and Warranty Card.



figure 2



## ADDITIONAL EQUIPMENT (not included)

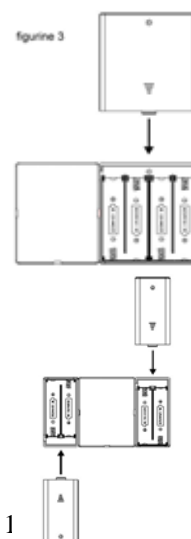
1. 1 Philips screwdriver
2. 4 Fresh AAA Alkaline batteries.
3. 2 Fresh AA Alkaline batteries.

## SET UP GUIDE

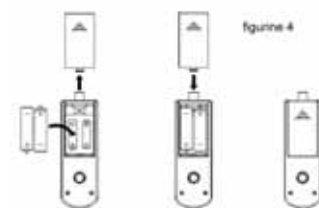
**Hint: Use good quality Alkaline Batteries and avoid rechargeable batteries.**

**First, make sure there is no battery in the Outdoor temperature sensor and Indoor temperature station.**

1. Have the indoor temperature station and remote temperature sensor 3 to 5 feet apart.
2. Install 4 AA batteries in the indoor temperature Station first (figure 3), make sure they don't spring free or start-up problems may occur. At this time, the temperature hand will go back to  $-60^{\circ}\text{F}$  and the green LED light will turn on.



3. After green lights turns on, install 2 AA batteries in the remote temperature sensor (figure 4), during this time, the remote temperature sensor will send signal to Indoor temperature station automatically and the temperature hand will move to the correct temperature degree and the green LED light will turn off.



**NOTE: THE INDOOR TEMPERATURE STATION MUST BE STARTED BEFORE REMOTE TEMPERATURE SENSOR.**

In this time, the indoor temperature station and remote temperature sensor will talk to each other, and the temperature hand will display the temperature. If the indoor temperature station does not display correct temperature and the green LED light still turns on after 1min, please retry the set up as stated above. After indoor temperature is displayed for 10 min then you can place your remote temperature sensor outdoors.

The remote temperature sensor should be place in a dry, shaded area. The remote temperature sensor has a range of 80 feet. Any walls that the signal will have to pass through will reduce distance. An outdoor wall or window will have 20~30 feet of resistance and an interior wall will have 10~20feet of resistance. Your distance plus resistance should not exceed 80 feet in a straight line.

**NOTE: FOG AND MIST WILL NOT HARM YOUR REMOTE TEMPERATURE SENSOR BUT DIRECT RAIN MUST BE AVOIDED.**

### MOUTING

NOTE: To achieve a true temperature reading, avoid mounting in direct sunlight. We recommend that you mount the remote temperature sensor on a North-facing wall. The sending range is 80 feet, obstacles such as walls, concrete, and large metal objects will reduce the range. Place both units in their desired location before permanently mounting.

#### Remote Temperature Sensor




1. Remove the mounting bracket from the remote temperature sensor.
2. Mount the bracket in the desired location with screws.
3. Re-attach the remote temperature sensor into mounting bracket.



## Indoor Temperature Station

1. Insert an appropriate screw in your desired location.
2. Using the integrated hanging hole on the back of the unit, slip indoor temperature station over the screw and pull down to secure.

### The meaning of Symbol

1.  means Indoor temperature station searching signal- the green LED light will turn on every 10 minutes to receive from outdoor temperature sensor. After receiving the outdoor sensor signal, the green light will turn off automatically.
2.  means Indoor temperature station low battery power- if the yellow LED light turns on continually, please change batteries of Indoor temperature station with 4 fresh AA batteries.
3.  means Outdoor temperature sensor low battery power- if the red LED light turns on continually, please change batteries of outdoor temperature sensor with 2 fresh AA batteries.

## TROUBLESHOOTING

**NOTE:** For problems not solved, please contact with Matador International Inc via [matador@matador.com.tw](mailto:matador@matador.com.tw).

Problem: No outdoor temperature is displayed.

Solution:

1. Remove all batteries, reinsert into indoor temperature station first, at this time, the temperature hand will move back to -60°F and the green LED light will turn on, then into outdoor temperature sensor.
2. Place indoor temperature station closer to the outdoor temperature sensor.
3. Make sure all the batteries are fresh.
4. place remote temperature sensor and indoor temperature station in position so the straight-line is not passing through more than two or three walls.

Problem: Temperature do not mach if units are placed next to each other.

Solution:

Each temperature sensor is manufactured to be accurate to within 2 degree plus or minus and under normal conditions. It is possible for two temperature sensors to be as much as 4 degrees different. The difference can be exaggerated further because the temperature sensors are designed for different working environments. Error is usually greater at the extreme ends of a range, making it harder to compare different ranges with different curves. Under non-laboratory conditions, it is difficult to obtain an accurate comparison.

## MAINTENANCE AND CARE INSTRUCTIONS

Extreme temperatures, vibration and shock should be avoid to prevent damage to the unit.

Do not submerge the unit into water.

Do not subject the units to unnecessary heat or cold by placing them in the oven or freezer.

Opening the casing invalidates the warranty. Do not try to repair the unit. Contact with Matador International Inc. for repairs.

## Specifications

Transmitting Frequency	433.92MHz
Measuring Range- Temperature	-60°F~120°F
Temperature Accuracy-	+/- 4°F
Outdoor Temperature Checking Interval-	one time in 10 minutes
Batteries (Alkaline Recommended)	
Remote Temperature Sensor	2 AA batteries
Indoor Temperature Station	4 AA batteries
Batteries Life	Approximately one year

## FCC NOTICE

**1. This device complies with Part 15 of the FCC Rules.**

**Operation is subject to the following two conditions:**

- (1) This device may not cause harmful interference, and**
- (2) This device must accept any interference received, including interference that may cause undesired operation.**

**2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**