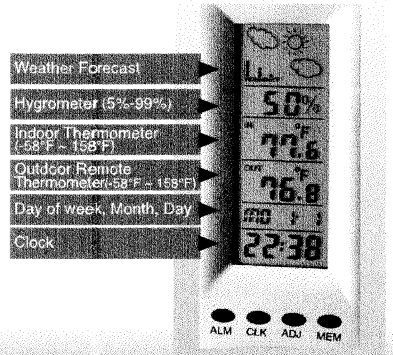
Operating Instructions

Wireless Electronic Barometric Weather Station
Ideal to ..
Household, office, green house, car & sauna room.....

With the wireless electronic barometric weather station you have brought an electronic precision device for measuring the indoor / **remote** outdoor temperature, humidity and also the barometric change as well as the respective maximum/ minimum temperature and humidity so that you can make tracking the weather forecast easy and fun to do.

- Wireless Data System for Outdoor Temperature (65 ft max.)
- Recommended Operating Temperatures: 14°F to 140°F
- Measuring Range : -58°F to + 158°F, 5% to 99% RH
- Precision : +/- 1°F , +/- 1%
- Weather Station : 3V, 2 x AAA
- Transmitter: 3V, 1x CR2032



Battery Installation

Weather Station
Remove the battery cover from the bottom of the weather station. Install the 1.5V-batteries with the positive poles as per indication (Fig.1) and replace the cover.

Right after the battery installation and Clock Setting, the correct data (except remote outdoor temperature) will be displayed about 20 seconds.

If no data come out, take out batteries and re-install again so as to clear and restart the weather station's microprocessor properly.

Transmitter
Right after the battery installation of weather station, within 2 minutes, install the 3V transmitter battery with the positive (+) pole facing the battery cover by using a small coin as in Fig.2.

Once both weather station and transmitter have been installed battery, the remote outdoor temperature will be displayed within 3 minute.

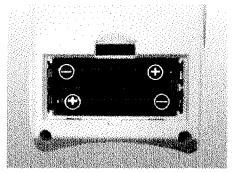


Fig. 1

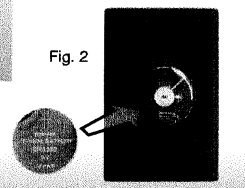


Fig. 2

Transmitter Installation

To prevent temperature interference, place the transmitter where it is away from direct sunligh, air conditioner and heater vent.

To keep in a good operating conditionn, don't put the transmitter over 140°F or under 14°F.

To have a good data transmisson,
- In open air, keep the operating distance of 65 ft max. between the transmitter and the weather station.
- Between obstacles (e.g. Concrete Walls, Home Appliance or Metal Objects), keep the operating distance of 10 ft max. between the transmitter and the weather station.
- Let the transmitter and the weather station in a open loop as close as possible. For example, put both at the same side of windows.(Fig. 3)
- Put the transmitter in a position higher than the weather station, but not on a concrete wall or a metal plate.

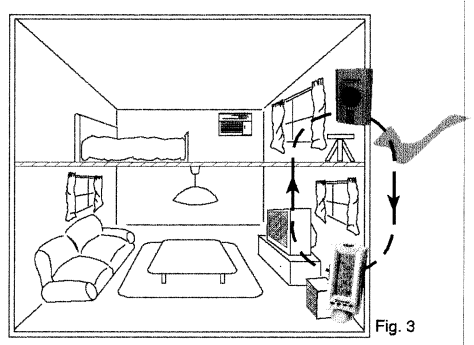
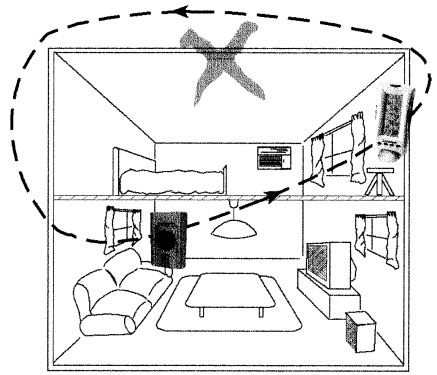


Fig. 3



Unit Installation

To prevent temperature interference, place the unit where it is away from direct sunlight, air conditioner and heater vent.

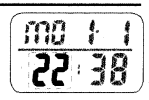
For household and office use, place the unit on the table using the provided table stand or near window using the built-in wall hanging slot with a nail.

But don't put it on a concrete wall or metal plate or near computers, home applicances as it will seriously shorten the transmission distance.

Malfunctions	Problem
No Data	Poor power up or Poor batteries or bad contact. Press the YELLOW RESET BUTTON to restart the microprocessor. Change batteries.
No Outdoor Temperature	Out of operating distance or out of operating temperature or atmospheric or RF interference or poor transmiter battery. Move the transmitter closer to the Weather Station. Press the ADJ key to search the outdoor temperature again or replace transmitter's battery.
Incorrect Readings	Interference from direct sunlight, air conditioner or heater vent. Move the unit and outdoor sensor to escape from interference.
Display readout fades	Poor batteries Change batteries and press the YELLOW RESET BUTTON to restart the microprocessor.
Display shows Irregular figures	Press the yellow RESET button. Take out battery and install again

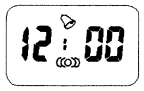
Art No: WS 303A P3 Emer

Clock and Calendar



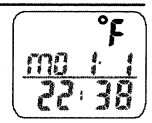
To set time and date, press and hold the CLK button. The hour digits will then start to flicker, use the ADJ button to adjust to desire value.
To adjust minutes, press the CLK button again and then the minutes digits will start to flicker, use the ADJ button to adjust to desire value.
Repeat the process until you get a desire value of day of week, month and day.
Right after Clock Setting, the correct data will be displayed about 10 seconds.
If no data come out, take out batteries and re-install again so as to clear and restart the weather station's microprocessor properly.

Snooze Alarm



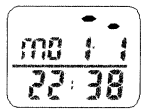
To set alarm, press and hold the ALM button to enter alarm mode and then uses the ADJ button to set alarm on or off .
To adjust hours, press the ALM button again and then the hours digits will start to flicker, use the ADJ button to adjust to desire value.
To adjust minutes, press the ALM button once more and then the minutes digits will start to flicker, use the ADJ button to adjust to desire value.
For a snooze alarm, it will alarm for 1 minute and repeat 3 times with a interval of 5 minutes each.
To stop alarm sound, you can press any buttons. But only using the ALM button, you can stop without repeating the snooze alarm 5 minutes later.

°C/ °F Selection



Press and hold the ADJ button. The Celsius digit will then start to flicker. To selec °C or °F . press the ADJ button again and then press the CLK button to confirm.

Memory Reset Selection and Calling Memory



Right after the °C/ °F selection, a " -.- " digits will start to flicker. Press the ADJ button to select
" -.- " : manual reset mode
" 1 d " : daily reset mode,
" 7 d " : weekly reset mode,
and then press the CLK button to confirm.
To call memory of the max / min temperature and humidity, press the MEM button.
To reset memory, press and hold the ADJ button right after the calling.

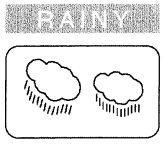
12/ 24 Hour Format Selection

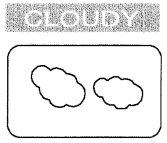
Right after the memory reset selection, a " 12 h " digits will start to flicker. Press the ADJ button to select " 12 h" or " 24 h" and then press the CLK button to confirm.

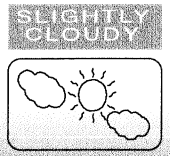
Barometer Weather Forecast

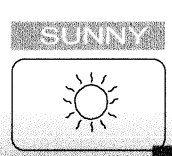
A weather forecast of about 8 hours later will be showed. According to the barometric change, the pressure trend will indicate the weather is going fine (TENDENCY UP) or going worse (TENDENCY DOWN) .

There are four different states : Rainy, Cloudy, Slightly Cloudy and Sunny.





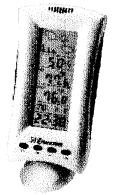




Remote Outdoor Temperature

With the Wireless Data System, transmitter will transfer the outdoor temperature to the weather station. If the weather station cannot get the outdoor temperature, please check
- **Operating distance out of range: Move the transmitter closer to the Weather Station**
- **Operating Temperature out of range: Extreme cold or hot will reduce battery life substantially.**
- **Atmospheric or RF interference: Press the ADJ key to search the outdoor temperature again or**
- **Poor Transmitter Battery: Replace transmitter's battery**

Acessories



Weather Station

Transmitter

Transmitter battery (3V / CR2032)

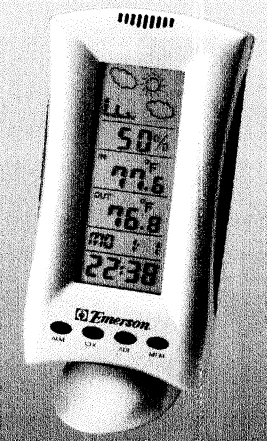
Weather Station battery (1.5V x 2 / AAA)

FCC ID: OWF - WSRX
FCC ID: OWF - WSTX

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.

WIRELESS WEATHER STATION

ELECTRONIC BAROMETRIC
WEATHER FORECAST



INSTRUCTION MANUAL

Warning:
Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.