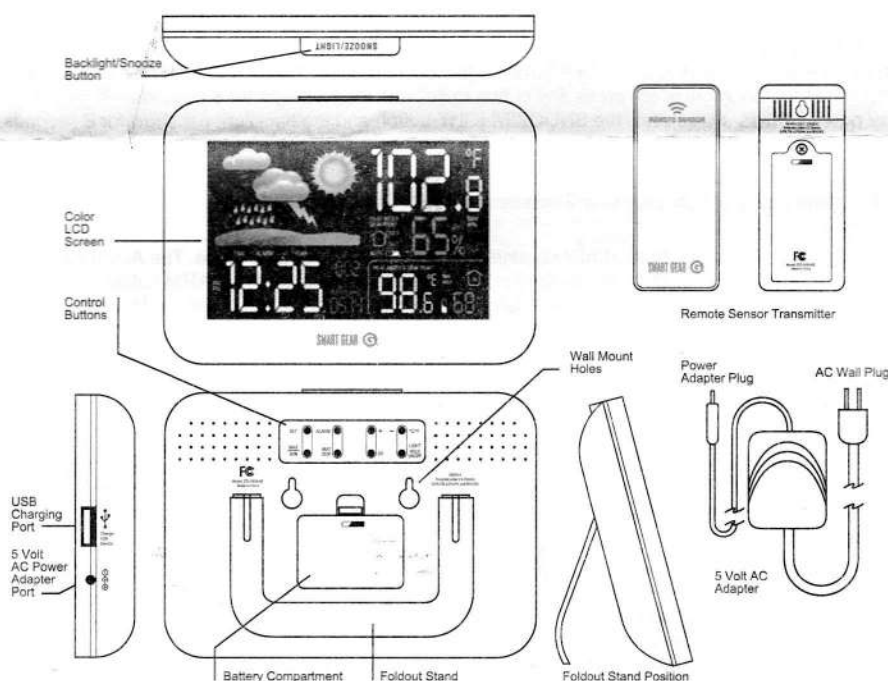


INDOOR/OUTDOOR WIRELESS WEATHER STATION

USER MANUAL



The Indoor/Outdoor Wireless Weather Station features weather forecast, indoor and outdoor temperature/humidity as well as heat index and dew point, on an easy to read display. Use the integrated USB charging port to charge your devices when the Weather Station is plugged into a power outlet.



SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product. If you have any questions regarding the product, please call customer service at 1-800-254-0111.

WARNING:

DO NOT mix old and new batteries. DO NOT mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries. DO NOT dispose of batteries in fire. Batteries may explode or leak. Please dispose of batteries properly. Remove batteries for long term storage. Batteries could leak causing corrosion.

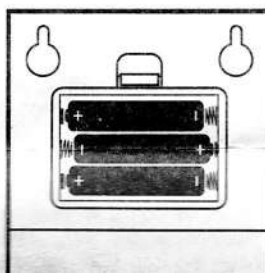
BATTERY INSTALLATION

INDOOR/OUTDOOR WIRELESS WEATHER STATION

Remove the battery cover on the back of the Wireless Weather Station. Insert 3 AAA 1.5V batteries (not included) as indicated by the polarity symbols (+ and -) see Fig. A. Replace the battery cover.

REMOTE SENSOR TRANSMITTER

Remove the battery cover on the back of the Remote Sensor Transmitter. Insert 2 AAA 1.5V batteries (not included) as indicated by the polarity symbols (+ and -) see Fig. B. Replace the battery cover.



OPERATING INSTRUCTIONS

SETUP STEP BY STEP INSTRUCTIONS

STEP 1

OPTIONAL BATTERY OPERATION: Insert 3 NEW AAA batteries (not included) following the instructions for battery installation. Observe the correct polarity (+ and -). The Wireless Weather Station will light up and show indoor temperature, humidity and channel 1.

STEP 2

Insert the 5-volt a/c power adapter into the adapter port on the side of the Wireless Weather Station (Fig. C). Plug the a/c power adapter into a wall outlet for continuous backlight (ON/OFF), and dimmer feature. Backlight will illuminate for 8 seconds when using only battery power with a press/release of the SNOOZE/LIGHT button.

STEP 3

Ensure that the transmitter is within 10 feet of the Weather Station. Insert 2 NEW AAA 1.5V batteries (not included) into Remote Sensor Transmitter. Observe the correct polarity (+ and -) see Fig. B. The TX switch is set to Channel 1 by default, see Fig B. Confirm channel 1 is selected. Within 3 minutes the Weather Station will beep and then show readings in the outdoor temperature area on the Wireless Weather Station LCD.

Note: Use Alkaline batteries (or Lithium for temperatures below -20°F/-28.8°C).

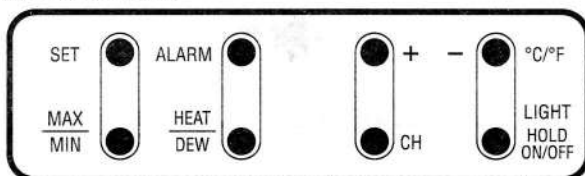
POSITIONING THE REMOTE SENSOR TRANSMITTER

Once the Wireless Weather Station shows the outdoor temperature, place it and the transmitter in the desired locations and wait approximately 1-hour before permanently mounting the transmitter to ensure that there is proper reception. The transmitter should be mounted vertically, in a shaded, protected area, at least 6 feet from the ground to avoid damage and ensure accurate readings. The transmitter is water resistant, not waterproof and should not be placed where it will become submerged in water or subject to standing water or snow.

WALL MOUNT

Choose a shaded location (under an overhang) for the transmitter that is within the confirmed wireless reception range of the Weather Station for accuracy. Install one mounting screw (not included) into a wall leaving approximately 1/2 of an inch (12.7mm) extended. Place the hanging hole (on the back of the transmitter) onto the mounting screw and gently slide the transmitter down to secure it.

IMPORTANT: For true temperature and humidity readings, mount the transmitter out of direct sunlight on a North-facing wall or in any other well shaded area like under an eave or deck rail. The maximum transmitting range in open air is over 200-feet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. Place the transmitter at least 6 feet off the ground to improve signal transmission.

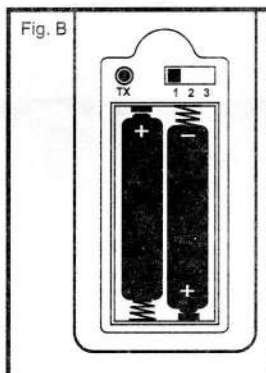


BUTTON FUNCTIONS:

Button	Press and Release Functions	Hold 3-5 seconds
SET	Move through program menu. Confirm setting.	Enter program menu set time, date, etc.
ALARM	View Alarm. Activate/Deactivate Alarm.	Alarm Set.
+	1 step forward (set-up).	
-°C/°F	Select temperature in °C/°F. 1 step backward (set-up).	Fast backward (set-up).
MIN/MAX	1-time MAX values. 2-times MIN values.	Resets all MIN / MAX values.
HEAT/DEW	1-time Heat Index. 2-times Dew Point.	
CH	Switch channels outdoor (multiple transmitters).	Search for remote transmitter.
LIGHT HOLD ON/OFF	Dim backlight for night time.	Dim backlight for night time. Turn continuous backlight ON or OFF (a/c adapter).
LIGHT/SNOOZE	Activates backlight when using only batteries. Trigger snooze alarm.	

Fig. A

Fig. B



PROGRAM MENU:
The SET button will move through the program menu. The + or -/°C/°F button will change the value.
• 12/24 HOUR TIME: 12H will flash. Press and release the + or -/°C/°F button to select 24H. Press the SET button to confirm and move to the next item.
• HOUR: The hour will flash. Press and release the + or -/°C/°F button to select the correct hour. Press the SET button to confirm and move to the next item.
• MINUTES: The minutes will flash. Press and release the + or -/°C/°F button to select the correct

PROGRAM MENU:

The SET button will move through the program menu. The + or -/°C/°F button will change the value.

- **12/24 HOUR TIME:** 12H will flash. Press and release the + or -/°C/°F button to select 24H. Press the SET button to confirm and move to the next item.
- **HOUR:** The hour will flash. Press and release the + or -/°C/°F button to select the correct hour. Press the SET button to confirm and move to the next item.
- **MINUTES:** The minutes will flash. Press and release the + or -/°C/°F button to select the correct minutes. Press the SET button to confirm and move to the next item.
- **YEAR:** The year will flash. Press and release the + or -/°C/°F button to select the correct year. Press the SET button to confirm and move to the next item.
- **MONTH:** The month will flash. Press and release the + or -/°C/°F button to select the correct month. Press the SET button to confirm and move to the next item.
- **DATE:** The date will flash. Press and release the + or -/°C/°F button to select the correct date. Press the SET button to confirm and exit the program menu.

Note: The Day of the Week will set automatically when the year, month and date are set.

FAHRENHEIT/CELSIUS: Press and release the -/°C/°F button once on the Wireless Weather Station to switch from Fahrenheit to Celsius.

AUTO (channel scroll) - AUTO will appear in the outdoor temperature/humidity area when multiple transmitters are received and the Wireless Weather Station is set to scroll through the channels automatically.

- Press and release the CH button repeatedly until the word AUTO shows. The Wireless Weather Station will rotate through all available channels.
- Press and release the CH button once to show only one channel continually.

The Wireless Weather Station can receive up to 3 outdoor transmitters. Use to monitor remote temperature and humidity of up to 3 locations within a 200 Ft wireless range of the wireless reception is best.

Note: When only one transmitter is connected, you cannot see other channels.

BACKLIGHT:

A/C adapter: The backlight is on continuously when operating the Weather Station with the 5-volt a/c adapter.

- **HIGH:** The backlight is defaulted to HI when the Adapter is in use.
- **LO:** Press and release the LIGHT HI/LO button to dim the backlight. Press and release again to return to full strength.
- **Note:** When the Adapter is NOT in use, the High/Lo light feature is not available.
- **OFF:** Press and hold the HOLD ON/OFF button for 5 seconds, until the station beeps, to turn the backlight off, to sleep.
- **ON:** Press and hold the HOLD ON/OFF button again until the station beeps, to turn the backlight on.
- **Note:** When the backlight is off, press any button to activate the backlight for 8 seconds.

Battery power: Press and release the SNOOZE/LIGHT button and the backlight will show for 8 seconds, when operating on batteries only.

ALARM

When the alarm sounds, it continues for 2 minutes and then shuts off completely.

ALARM SET:

- **ALARM HOUR:** Press and hold ALARM button to enter alarm time setting mode. The Alarm Hour will flash. Use the + or -/°C/°F button to set the Hour. Press and release the ALARM button.
- **ALARM MINUTE:** The Alarm Minutes will flash. Use the + or -/°C/°F button to set the Minutes. Press and release the ALARM button to exit.

ALARM ACTIVATION:

- Press and release the ALARM button once to show Alarm Time.
- Press and release the ALARM button repeatedly to activate or deactivate the Alarm.

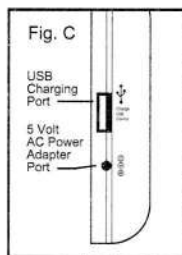
SNOOZE:

- When the alarm sounds, press the SNOOZE button to trigger snooze alarm for 10 minutes. The snooze icon **Zz** will flash when the snooze feature is active.
- To stop alarm for one day, press ALARM button, while in snooze mode.

USB CHARGE PORT:

The integrated USB charging port (on side) will charge devices when the Wireless Weather Station is plugged into a power outlet. **Note:** This is a power output (charging) port only. This port will not supply power to the Wireless Weather Station.

- Connect your existing USB charging cord for your external device to the USB charging port on the side of the Wireless Weather Station to begin to charge. Charging times will vary. **Note:** Check that your device will charge with the USB cord it came with.



MIN/MAX TEMPERATURE/HUMIDITY DATA:

The Wireless Weather Station shows daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The station automatically resets the min/max temperatures at midnight (12:00 AM).

- **View MAX data:** Press and release the MIN/MAX button once to view maximum temperature and humidity values for indoor and outdoor data.
- **View MIN data:** Press and release the MIN/MAX button twice to view minimum temperature and humidity values for indoor and outdoor data.
- **Reset MIN/MAX data:** Hold the MIN/MAX button for 5 seconds to reset all min/max values.



HEAT INDEX: Heat Index combines the effects of heat (temperature) and humidity to determine how hot it feels to a human being. **Note:** Heat index will be the same number as the temperature until the temperature is above 80 degrees °F (26.7°C).

View Heat Index: Press the HEAT/DEW button once and Heat Index will show instead of the ambient temperature.

DEW POINT: Dew point is the saturation point of the air, or the temperature to which the air has to be cooled in order to create condensation. **Note:** Dew Point generally is lower than the temperature reading.

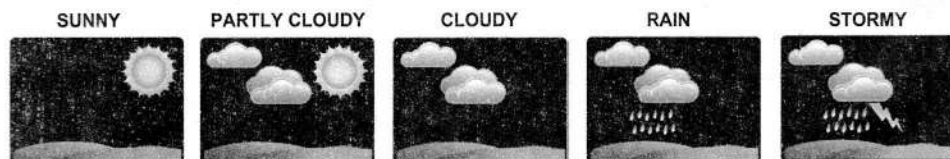
View Dew Point: Press the HEAT/DEW button twice and Dew Point will show instead of the ambient temperature.

LOW BATTERY:

- When this icon  appears in the indoor (IN) reading section, replace the batteries in the Wireless Weather Station.
- When this icon  appears in the outdoor (OUT) readings section, replace the batteries in the outdoor transmitter.

WEATHER FORECAST ICONS:

The Wireless Weather Station predicts weather conditions for the next 12-hours based on the change of atmospheric pressure with 70-75% accuracy. Note: As weather conditions cannot be 100% correctly forecasted we are not responsible for any loss caused by an incorrect forecast.



The Wireless Weather Station samples the barometric pressure every twelve minutes. These samples are averaged hourly and daily then stored in nonvolatile memory. The three hour pressure icon change is based off of the last four average hourly readings.

As the Wireless Weather Station builds memory, it will compare the current average pressure to the past forty day average pressure for increased accuracy. The longer the station operates in one location the more accurate the forecast icons will be.

CARE AND MAINTENANCE:

- Do Not Mix Old and New Batteries.
- Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries.
- Do not expose the Wireless Weather Station to extreme temperatures, vibration or shock.
- Keep Wireless Weather Station dry.
- Clean Wireless Weather Station with a soft damp cloth. Do not use solvents or scouring agents.
- The Wireless Weather Station is not a toy. Keep it out of reach of children.
- The Wireless Weather Station is not to be used for medical purpose or for public information, but is designed for home use only.
- The specifications of this product may change without prior notice.
- Improper use or unauthorized opening of housing will void the warranty.
- If the unit does not work properly, change the batteries and/or check the a/c cord connection.

SPECIFICATIONS:

Indoor:	Temperature Range: +32°F to +122°F (0°C to 50°C)
Humidity Range:	1%-99% (RH)
Interval:	About every 30 seconds
Outdoor:	
Range:	Temperature, dew point, heat index -40°F to 140°F (-40°C to 60°C)
Alkaline Batteries:	-20°F to 140°F (-28.8°C to 60°C)
Lithium Batteries:	-40°F to 140°F (-40°C to 60°C)
	Temperatures below -20°F (-28.8°C) require Lithium batteries in the outdoor transmitter
Humidity Range:	1%-99% (RH)
Distance:	Over 200 ft. (60 meters) RF 433MHz (open air)
Interval:	About every 50 seconds
Power:	
Wireless Weather Station:	5-volt a/c power adapter (included)
	Optional 3-AAA 1.5V, IEC, LR6 batteries (not included)
Transmitter:	2-AAA 1.5V, IEC, LR6 batteries (not included)
Battery Life:	
Transmitter:	Battery Life: Battery life is over 24 months when using reputable battery brands for both Alkaline and Lithium batteries
Wireless Weather Station:	Battery Backup: Battery life is over 24 months when using the AC adapter for primary power
USB:	Output: 1 Amp maximum current

FCC Disclaimer:

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.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Outdoor temperature does not show after 3 minutes.	Setup was not correctly completed.	Remove the a/c power adapter and all batteries from both units and start the setup process again.
Outdoor temperature does not show after second attempt.	Wireless Weather Station not receiving wireless signal.	Slide open the battery cover of the outdoor transmitter to reveal the TX button. Push down on the TX button for 3 seconds to send a wireless signal to the Wireless Weather Station. On the Wireless Weather Station, hold the CH button for 3-5 seconds to search for the transmitter.



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Any questions, please call Customer Service at 1-800-254-0111; 8:30 a.m. - 5 p.m., PST, Monday-Friday or email us at customerservice@jirgear.com

