RISEPRO
Weather Station Instruction Manual

Many thanks for your purchase of RISERPO Weather Station. To ensure the best product performance and experience, please read this manual thoroughly and retain it for future reference.

Unpacking Instruction
The LCD screen has been well protected by plastic protective film. Please find the tab and peel off to remove it.

One set included
*Main display unit   *Outdoor sensor unit with stand   *Power cable with USB plug   *Instruction manual
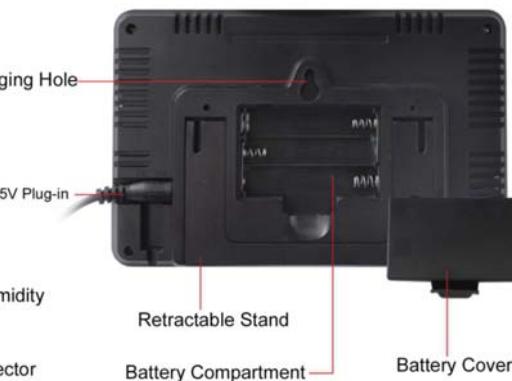
Features & Benefits of OUTDOOR SENSOR

Hanger hole

Channel 1 , 2, 3 selector button

Signal transmission (TX) button

Battery Compartment

Battery Compartment Cover

Install the stand to OUTDOOR SENSOR

Features & Benefits of DISPLAY UNIT

Outdoor Temperature
Time
SNOOZE / BACKLIGHT
Weather Forecast Icon
Alarm Symbol
Indoor Temperature

OUTDOOR
30.9 ℃
INDOOR
32.6 ℃

Hanging Hole

CH3 49 %
12:35
MO 19:40
45 %

DC 5V Plug-in

TIME   ALARM   MEM   UP.CH   DOWN.℃/℉

Indoor Humidity

Alarm

TIME / MODE
Outdoor Humidity
Memory Recall
Day & Date

Down / C°or F°Selector

UP / Channel Selector

Features & Benefits of BACK SIDE OF DISPLAY UNIT
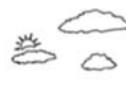
Retractable Stand

Battery Compartment

Battery Cover

REMARKS : The trending arrow △ , →, ▽, below the outdoor and indoor temperatures indicate the trend of current reading is "rising△", "steady→" or "falling▽" based on its accumulative recorded readings.

WEATHER FORECAST
RISEPRO weather station will analyze its collected data from your sensors and built-in barometric gauge and predicts your personal weather forecast for the next 12 to 24 hours. Please find the complete weather icons as below:

SUNNY   PARTIAL CLOUDY   CLOUDY   RAINY

EMOTION ICONS
Based on the current indoor readings, it shows 3 emotion icons to express the comfort level of your indoor condition:

Smiley (Highly Comfort)   Bored (Too Dry)   Unpleasant (Too Humid)

Remarks : No icon is shown on the display if the indoor is just in average condition and simply does not fit into any of those 3 emotion icons.

OPERATIONAL PROCEDURES

DISPLAY UNIT SETUP
1.Install Backup batteries
➤ Remove the battery compartment cover
➤Install 3 x AAA alkaline batteries into the battery compartment with following the polarity (+/-).
Then display unit will be in synchronizing mode for several minutes.
➤Replace the battery compartment cover

2.Plug in USB power adapter
➤ To ensure best performance, use the power cable to connect the main unit to a 5V USB power adaptor or port.

SENSOR SETUP
After installing batteries and connecting 5V DC power to the display unit, install batteries to outdoor sensor within 1 minute:
➤Remove the battery compartment cover
➤ Switch to Channel 1 for this one sensor version (Channels 2 and 3 are only used for other versions with two or three sensors)
➤Install 2x AAA alkaline batteries into the battery compartment with following the polarity (+/-).
Then the red indicator of sensor will flash once per 60 seconds for signal transmission.
➤Replace the battery compartment cover.

Important Reminder: Outdoor sensor must be placed in shade outdoor condition such as under proof to avoid direct sunlight or raining water

SYNCHRONIZE BETWEEN DISPLAY AND SENSOR

➢ After initial setup of display unit and outdoor sensor, the display unit will be in synchronize mode for few minutes with signal icon blinking. The outdoor readings will be shown at Channel 1 of the display unit once successfully synchronized. Note: Automatic sychronization will be taken at 12:00 A.M daily.

MANUAL SYNCHRONIZATION

➢ If the display unit shows no outdoor readings with "- -" at your preset channel, please go through Manual Synchronization to re-connecting the signal with sensor unit.

➢ Press **UP.CH** button for 3 seconds until the signal icon is blinking as indication of manual synchronization in process.

➢ Manual synchronization will be finished in several minutes with signal icon stopped blinking and disappeared. Outdoor readings will be shown in the display unit at Channel 1 if synchronization is successful.

SELECT CHANNEL ON DISPLAY UNIT

➢ Press UP.CH button on the display unit to select between Channel 1, 2 and 3.

➢ Recommend to select Channel 1 for this one sensor version.

SET TIME, DATE & UNITS

➢ Under clock display mode, press and hold **TIME** button for 3 seconds to enter **SET** mode. Once entered **SET** mode, the 12Hr setting will blink on the display. Press and release **Up** or **Down** buttons to select in between 12Hr or 24Hr clock unit.

➢ To adjust the currently selected (blinking) item, press and release **UP** or **DOWN** buttons (press and **HOLD** for fast adjust).

➢ To save your adjustments, press and release **TIME** button again to go to next setting. The sequence of setting order is as follows:

> CLOCK UNIT (12HOUR / 24HOUR)
> CLOCK HOUR
> CLOCK MINUTE
> CALENDAR YEAR
> CALENDAR MONTH
> CALENDAR DATE
> 7 LANGUAGES FOR DAY EN (English) → DE (German) → FR (French) → IT (Italian) → NE (Dutch) →ES (Spanish) → DA (Danish)

DISPLAY BACKLIGHT FUNCTION

➢ If display unit is powered by battery alone, press and release **SNOOZE/LIGHT** button to turn on the backlight for few seconds long.

➢ When the display is connected with 5V DC power as recommended, the backlight will remain in continuous mode.

SET THE ALARM

➢ Under clock display mode, press and release **TIME** button to enter alarm mode and displaying your preset alarm time with alarm bell blinking.

➢ To adjust the alarm time under alarm mode (alarm bell blinking), press and hold **ALARM** button for 3 seconds until Alarm Hour is blinking.

➢ Press and release **UP** or **DOWN** buttons (press and **HOLD** for fast adjust) to adjust the alarm hour.

➢ Press and release **ALARM** button to confirm the alarm hour setting and then alarm minute will blink.

➢ Again, press and release **UP** or **DOWN** buttons (press and **HOLD** for fast adjust) to adjust the alarm minute. Press and release ALARM button to confirm the alarm minute setting and then it will return to clock display mode.

➢ Under clock display mode, press and release **ALARM** button to toggle in between ALARM ON (with alarm bell shown) and ALARM OFF (without alarm bell shown).

ALARM/SNOOZE FUNCTIONS

➢ Under alarm **ON** mode, the alarm will be buzzing upon reached your preset time. The alarm bell will be blinking too.

➢ To enter **SNOOZE** mode, press **SNOOZE/LIGHT** button. To stop the alarm completely, press any other buttons.

➢ If entered **SNOOZE** mode, the alarm will be buzzing again upon reach of SNOOZE time.

➢ To re-enter **SNOOZE** mode again, press **SNOOZE/LIGHT** button again. To stop the alarm completely, press any other buttons again.

SET TEMPERATURE UNIT (FAHRENHEIT / CELSIUS)

➢ Under normal display mode, press and release **DOWN. C°/F°** button to switch between Celsius to Fahrenheit.

SELECT CURRENT/MAX/MIN

➢ Under normal display mode, press and release **MEM** button to display the set of temperature and humidity readings between current, maximum and minimum. If no press is made within few seconds, it will resume to normal display mode with current readings.

➢ **MAX/MIN** records will be re-zero each day from 0:00 A.M. It shows only **MAX/MIN** readings within the same day.

ESSENTIAL SPECIFICATIONS

OPERATING FREQ.	433 MHZ
TEMPERATURE RANGE	INDOOR : 0°C TO 50°C (32°F TO 122°F)
	OUTDOOR : -20°C TO 70°C (-4°F TO 158°F)
HUMIDITY RANGE	20% - 90% for both indoor and outdoor conditions "**LL**" for below 20% and "**HH**" for above 80%
WIRELESS RANGE	Within 50 METERS / 164 FT in open field only (range at home depending on construction materials and obstacles)
POWER SUPPLY	DISPLAY UNIT : USB Cable with power adapter for DC 5V input 3 x AAA alkaline batteries (optional)
	SENSOR : 2 x AAA alkaline batteries

TROUBLE SHOOTING / FAQ

NO OUTDOOR READINGS	Please go through **Manual Synchronization** process for fast re-synchronization: Press **UP.CH** button for 3 seconds until the signal icon is blinking. It will show the outdoor readings in Channel 1 again **in few minutes** (refer to manual synchronization section). If **Manual Synchronization** cannot restore the signal connection, please take below steps for ensure the units are set up properly: 1. Make sure the display unit and sensor are both in working order - See **DISPLAY UNIT SETUP** and **SENSOR SETUP** sections. (Note: Visually check to ensure sensor unit is working with a red flash per 60 seconds.) 2. The units should be within 50 meters (164 ft) range. The range may be adversely affected by interference, obstacles and construction materials depending on your home environment. 3. The units should be at least 1 meter (or 3 ft) away from electronics to avoid interference. 4. Relocate or reduce range between your display unit and sensor for stronger or more steady signal connection. Once above steps are taken, please try **Manual synchronization** again by pressing **UP.CH** button for 3 seconds to restore the signal connection.
INACCURATE TEMPERATURE OR HUMIDITY	1. Both display unit and sensor should be placed out of direct sunlight and kept away from irregular temperature condition such as heat sources or cool sources. 2. Both units should be kept away from any irregular humidity condition such as rain or moisture sources.

FCC WARNING STATEMENT

➢ Changes or modifications not expressly approved by the party responsible for compliance could
void the user's authority to operate the equipment. 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 deter-
mined 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.

➢
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.
The device has been evaluated to meet general RF exposure requirement.