

KL4912 Desktop weather station

Instruction Manual

Introduction

This weather station comes with backlight, indoor and outdoor temperature & humidity display, and alarm clock with calendar.



Fig. 1 Front view



Fig. 2 Back view

1. "MODE" button
2. "MAX/MIN" button
3. "▲ CHANNEL" button
4. "▼/°C/°F / RCC" button
5. "SNOOZE / LIGHT" button
6. Battery compartment
7. A/C in-jack

Getting started:

Installing A/C adapter – highly recommended

1. Remove all "AAA" batteries before plugging in A/D D/C adapter. See instructions below.
2. Plug in A/C D/C adapter at A/C input jack (7) (see figure 2).

Batteries installation

1. Open battery compartment (6) on the back of the unit. (see figure 2)
2. Install / replace with 3x "AAA" size batteries in the compartment. It is recommended that only alkaline batteries are used.
3. Replace the battery compartment (6) on the back of the unit.
4. A short beep will be heard to confirm proper installation of batteries.

Batteries safety warnings:

1. Please read all instructions carefully before use.
2. Install batteries correctly by matching the polarities (+/-).
3. Always replace a complete set of batteries.
4. Never mix used and new batteries.
5. Remove exhausted batteries immediately.
6. Remove batteries when not in use.
7. Do not recharge and do not dispose of batteries in fire as the batteries may explode.
8. Ensure batteries are stored away from metal objects as contact may cause a short circuit.
9. Avoid exposing batteries to temperature or humidity extremes or direct sunlight.
10. Keep all batteries out of reach from children. They are a choking hazard.
11. Please retain packaging for future reference.

Note: backlight will be permanently on when the weather station is connected with the ac adapter. When batteries are used, press “SNOOZE / LIGHT” button for backlight.

Interpreting the weather forecast symbols





sunny	slightly cloudy	Cloudy	Rainy
			

Figure 3.

The weather station requires at least 24 hours on acclimatizing to local weather conditions. The weather station process and analyze the weather patterns for the past 24 hours in order to determine the future weather. Until that time has elapsed, the predicted weather forecast may not accurately reflect the actual weather for your immediate area.

The weather station will display the symbols (see figure 3) to indicate the predicted weather forecast for the next 12 to 24 hours for an area within a radius of approximately 30-50 km.

Note:

1. The weather forecasting is approximately 70% accurate. Accuracy rate might be lower in extreme weather conditions. The weather forecast is only for reference only and it is only for domestic use only. Do **NOT** rely on the weather station for weather forecast if any serious matter relies on it including but not limited to: personal health, life and death situation, any business or financial decisions, and/or agricultural planning.
2. The weather forecast does not display the current weather. It displays the weather for the future.

To set time manually:

When the weather station is displaying the time, hold down the “MODE” button (1) for approximately 3 seconds until the display is flashing.

Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the AM/PM or 12-hour clock setting.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the TIME ZONE setting.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the hour setting.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the minute setting.

Press “MODE” button (1) again to confirm settings. Display will no longer flash.

To set calendar:

Press the “MODE” button (1) until the calendar is displayed.

Hold down the “MODE” button (1) for approximately 3 seconds until the display is flashing.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the year setting.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change between the date/month and month/date setting.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the month setting.

Press “MODE” button (1) again. Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the date setting.

Press “MODE” button (1) again to confirm settings. Display will no longer flash.

To set alarm time:

Press the “MODE” button (1) until the alarm is displayed. “AL” will be shown.

Hold down the “MODE” button (1) for approximately 3 seconds until the display is flashing.

Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the hour setting.

Press “MODE” button (1) again.

Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the minute setting.

Press “MODE” button (1) again.

Press “▲ CHANNEL” button (3) or “▼/°C/°F / RCC” button (4) to change the duration of the snooze time (from 1 minute to 20 minutes).

Press “MODE” button (1) again to complete.

When Alarm time is shown, press “▲ CHANNEL” button (3) to turn on and off the alarm.



will be shown when the alarm is on.

The alarm will sound for 120 seconds when the preset alarm time is reached. Hit any button on the back of the clock to deactivate the alarm.

Hit the “SNOOZE / LIGHT” button (5) when the alarm is on to enter snooze mode.



will flash when the clock is in snooze mode. The alarm will sound again after the preset snooze time has been reached. Hit any button on the back of the clock to deactivate the alarm.

REMOTE TEMPERATURE SENSOR

This weather station is equipped with outdoor temperature and humidity display. The weather station is capable of synchronizing with up to 3 external sensors. 1 external is included with this weather station. Contact your local authorized re-sellers to purchase additional external sensors.



Fig. 4 Back View

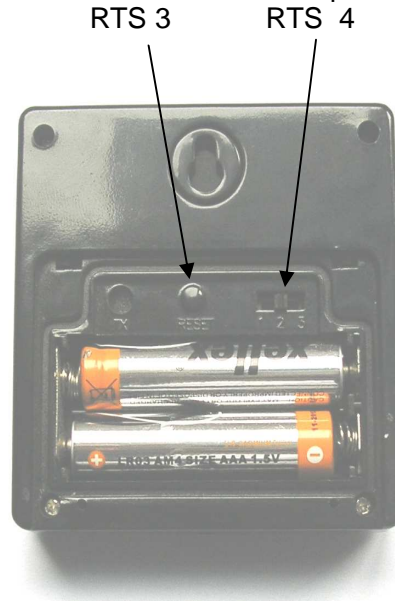


Fig. 5 Back view - open

- RTS 1. Hang hole
- RTS 2. Battery compartment screws
- RTS 3. "RESET" button
- RTS 4. "Channel 1 2 3" switch

Batteries installation


1. Open battery compartment on the back of the unit by removing the two small screws (RTS 2) with a Philips head screwdriver. (see figure 4)
2. Install / replace with 2x "AAA" size batteries in the compartment. It is recommended that only alkaline batteries are used. Do not use rechargeable batteries.
3. The weather station is capable of receiving up to 3 different channels. Select the channel number (1, 2, or 3) by sliding the "Channel 1 2 3" switch (RTS 4). If you only have 1 remote temperature sensor, select 1.
4. Press the "reset" button (RTS 3) once and the red light will flash once.
5. Replace the battery compartment on the back of the unit by tightening the two screws (RTS 2).

Installation


1. Place the remote temperature sensor at a desired place by mounting the unit's hang hole (RTS 1) on a screw (screw not included). Alternatively, the unit can be placed on a flat horizontal surface.
2. The unit can be placed indoor or outdoor. The unit is weather proof. Do not submerge unit in water. Do not expose unit to water for prolonged periods. Avoid accumulation of water and or snow on unit. Avoid exposing unit to direct sunlight. Remove unit from the exterior in extreme or harsh weather, including but not

- limited to hurricane, typhoon, and cyclones seasons. Do not place the unit in area of high winds.
3. Do not place the remote temperature sensor more than 30 meters (98 feet) from the receiving weather station. The remote temperature sensor is most effective if there are no obstruction and interference between the remote temperature sensor and the weather station. The remote temperature sensor might have to be closer than 30 meters if the weather station is not able to receive any signals. This is due to obstructions and interference. The user might need to experiment with various locations to get the best reception.
 4. If there is a change in power source for the main unit (i.e. from batteries to DC or vice versa), press «RESET» button(RTS3) on the remote temperature sensors to reconfigure remote temperature sensors. See figure 5.

Configuring Weather Station to receive remote temperature signals.

1. Follow the above instructions to set up remote temperature sensor.
2. Press “▲ CHANNEL” button (3) on weather station for 3 seconds.  will flash. This will reset all temperature memories.
3. The weather station will begin scanning for signals for channel 1. As soon as signals are received for channel 1, the temperature will be displayed. The weather station will automatically scan for the other channels. It will scan each channel for approximately 3 seconds before skipping to the next channel.
4. Once all your channels are received press “▲ CHANNEL” button (3) once to confirm the channel.
5. The weather station will receive a new signal automatically every 30 seconds to update the remote temperature.
6. Press “▲ CHANNEL” button (3) on weather station repeatedly to toggle between channel 1, channel 2, and channel 3.



7.  will be displayed if any of the remote temperature sensor's battery needs replacing.

Temperature & humidity memory

1. Press “Max / Min” button (2) to display maximum recorded temperature, minimum recorded temperature, and current temperature. “max” indicates maximum temperature. “min” indicates minimum temperature.
2. Press “Max / Min” button (2) again to display current temperature and humidity.

Celsius / Fahrenheit

1. Press “▼/°C/°F / RCC” button (4) to toggle between displaying the temperature in Celsius and Fahrenheit.

Warnings

- Do not subject the unit to excessive force, shock, dust, temperature or humidity.
- Do not immerse the unit in water.
- Dispose the complete unit when battery is no longer charging or when the unit is no longer displaying the temperature and / or humidity.
- Do not remove any screws.
- Do not dispose this unit in a fire. IT MAY EXPLODE.

- Keep unit away from small children. The unit or parts of the unit might be a choking hazard.
- Never attempt to recharge the batteries in any other methods.
- Dispose the unit legally.
- Recycle when possible.

Specifications

Indoor temperature range: 0°C to 50°C (32°F to 122°F)

Relative humidity range: 20% - 95%

Power: 3 x AAA-size 1.5V batteries

Calendar range: year 2000 to year 2099