File Name	KC1110-Radioshack-KL4883-GB-IM (no RCC)_rev13
Size	300 x 160mm (2-sides)

Version Date
1.) 19 Jun., 2012
2.) 20 Jun., 2012
3.) 22 Jun., 2012
4.) 25 Jun., 2012
5.) 26 Jun., 2012
6.) 28 Jun., 2012
7.) 26 Jul., 2012
8.) 27 Jul., 2012
9.) 30 Jul., 2012
10.) 31 Jul., 2012
11.) 07 Aug., 2012
12.) 10 Aug., 2012
13.) 13 Aug., 2012
14.) 14 Aug., 2012

Designer: Mic

Colors: K

diecutline —— foldline - - -

100mm

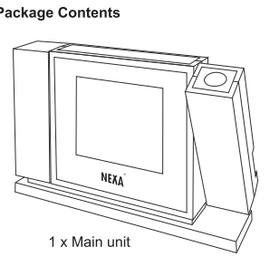
160mm

NEXA® Crystal Color Display Weather Station with Digital Projection Clock and Wireless In/Out Thermometer Model# KL4883

Instruction Manual

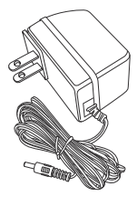
This desktop weather station projection clock comes with barometric weather prediction with color LED crystal display, clock, calendar, day, and indoor and outdoor temperature and humidity display. It is battery powered and includes an AC adapter.

Package Contents



1 x Main unit

1 x Remote temperature sensor



1 x AC adapter

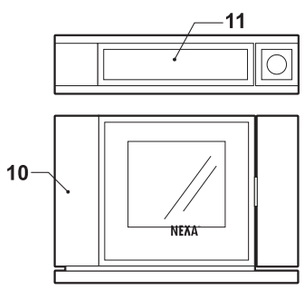


Fig. 1 Front and top view

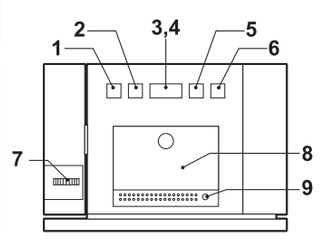


Fig. 2 Back view

Buttons:

1. "MODE" button
2. "MAX / MIN" button
3. "▲ °C & °F" button
4. "▼" button
5. "HISTORY" button
6. "IN / CHANNEL" button
7. TIME PROJECTION FOCUS
8. BATTERY COMPARTMENT
9. AC/DC ADAPTER JACK
10. CRYSTAL WEATHER FORECASTER
11. "SNOOZE / LIGHT" button

During initial installation, the temperature and humidity sensors may take up to an hour to acclimatize to current conditions.
An hour before installing and using your weather station, place the main unit and the remote temperature sensor in your preferred location.

Configuring the Remote Temperature Sensors
This weather station is equipped to synchronize up to three remote temperature sensors. One remote temperature sensor is included. Contact your local authorized dealer to purchase additional remote temperature sensors.

Remote Temperature Sensors

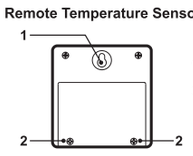


Fig. 4 Back View

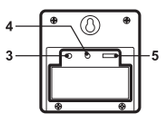


Fig. 5 Back view - open

RTS 1. Mounting hole
RTS 2. Battery compartment screws
RTS 3. "TX" button
RTS 4. "RESET" button
RTS 5. "Channel 1 2 3" switch

Installing Batteries

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

Installing Remote Temperature Sensors

1. Place the remote temperature sensor at a desired place by mounting the unit's mounting hole (RTS 1) on a screw (screw not included). Alternatively, you can place the unit on a flat horizontal surface.
2. The unit is weatherproof and can be placed indoors or outdoors. 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 98 feet (30 meters) from the receiving weather station. The remote temperature sensor is most effective if there are no obstructions or interference between the remote temperature sensor and the weather station. You may have to move remote temperature sensor closer if the weather station does not receive any signals.

Configuring the Weather Station to Receive Remote Temperature Signals

1. Follow the above instructions to set up remote temperature sensor.
2. Press "IN / CHANNEL" button (6) on weather station for three 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 automatically scans for the other channels. It will scan each channel for approximately three seconds before skipping to the next channel.
4. Once all your channels are received, press "IN / CHANNEL" button (6). Once to confirm the channel, will no longer be displayed.
5. The weather station will automatically receive a new signal every 30 seconds to update the remote temperature.
6. Press "IN / Channel" button (6) on the weather station repeatedly to toggle between indoor temperature and humidity, channel 1, channel 2, and channel 3.
7. will be displayed near the humidity display if any of the remote temperature sensor's batteries need to be replaced.

Getting Started

Set up the remote temperature sensor before setting up the weather station.
Powering the Weather Station
1. Plug the AC adapter into the AC/DC ADAPTER JACK (9).
2. Slide open the BATTERY COMPARTMENT (8), and install 3 x AAA size batteries. Replace battery compartment door when finished. See Battery Safety Notes.
3. When batteries are in use, the symbol of the battery will be shown on the clock face.
4. When the batteries are low and need replacing, will be displayed near the time display.
(Note : This is different from the batteries of the remote temperature sensor.)

Battery Safety Notes
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.

Setting Up the Weather Station

The weather station will sound once batteries are installed or AC adapter is plugged in.
1. The double digits of sea level on the bottom left hand corner of the display will flash. Press "▲ °C & °F" button (3) or "▼" button (4) to change the sea level closest to your location. The sea level units are in meters (1 meter equals approximately 3.28 feet). Contact your local weather bureaus or authorities for more information.
2. Press "HISTORY" button (5) to confirm sea level.
3. Press "▲ °C & °F" button (3) or "▼" button (4) to change the current weather situation of your location. See Figure 3 below for the weather pattern that is resembles your immediate area.

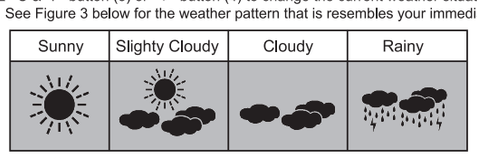


Figure 3.

4. Press "HISTORY" button (5) to confirm weather pattern.

Interpreting the Weather Forecast Symbols

The weather station requires at least 24 hours to acclimatize to local weather conditions.
The weather station will process and analyze the weather patterns in the past 24 hours to predict future weather. Before the 24-hour period has ended, the predicted weather forecast may not accurately reflect the actual weather for your immediate area.

The weather station will display 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 18 - 30 miles (30-50 km).

Note:
1. Weather forecast accuracy may be reduced in extreme weather conditions. The weather forecast is for reference only and for domestic use only. Do NOT rely on the weather station for the weather forecast for the following (including but not limited to): personal health, life or death situations, business or financial decisions, agricultural planning.
2. The weather forecast does not display the current weather. It displays predicted future weather.

Adjusting the Weather Station

1. Press "HISTORY" button (5) for 3 seconds until you hear a beep.
2. Press "▲ °C & °F" button (3) or "▼" button (4) to toggle between atmospheric pressure units of pascal (hPa) and inch of mercury (inHg)
3. Press "HISTORY" button (5) to confirm.
4. Press "▲ °C & °F" button (3) or "▼" button (4) to toggle between absolute and relative atmospheric pressure.
5. Press "HISTORY" button (5) to confirm.
6. Press "▲ °C & °F" button (3) or "▼" button (4) to change the sea level closest to your location.
7. Press "HISTORY" button (5) to confirm sea level.
8. Press "▲ °C & °F" button (3) or "▼" button (4) to change the current weather situation of your location. See Figure 3 for the weather pattern that is resembles your immediate area.
9. Press "HISTORY" button (5) to confirm sea level.

Barometer

The unit takes approximately 24 hours to process and analyze the recorded barometric pressure data. Before the 24-hour period has ended, the pressure trend and weather forecasts may not reflect the actual weather forecast for your area.

Reading Pressure Trend

The recorded memory of the barometric pressure changes are displayed with three arrows to show pressure trend.

Note: It is possible to measure the barometric pressure trend properly only when the unit remains at the same altitude. When moving to different altitudes within a short period of time, the air pressure and the barometric pressure will change. The pressure trend will only be correct and be regulated if it has remained at a constant altitude for 24 hours or more.

Recalling Pressure History

The barometric pressure reading is recorded hourly and can be recalled and displayed up to previous 12 hours. Press "History" button (5) repeatedly to view pressure recorded in the past hours. "**-1 HR**" indicates the pressure of the previous hour. The pressure reading history will appear for 20 seconds before the current pressure returns.

Setting the Time Manually

1. Press and hold the "MODE" button (1) for approximately three seconds until the display is flashing.
2. Press "▲ °C & °F" button (3) or "▼" button (4) to change the hour setting.
3. Press "MODE" button (1) again. Press "▲ °C & °F" button (3) or "▼" button (4) to change the minute setting.
4. Press "MODE" button (1) again. Press "▲ °C & °F" button (3) or "▼" button (4) to change the year setting.
5. Press "MODE" button (1) again. Press "▲ °C & °F" button (3) or "▼" button (4) to toggle between the month/date and date/month setting.
6. Press "MODE" button (1) again. Press "▲ °C & °F" button (3) or "▼" button (4) to change the month setting.
7. Press "MODE" button (1) again. Press "▲ °C & °F" button (3) or "▼" button (4) to change the date setting.
8. Press "MODE" button (1) again. Press "▲ °C & °F" button (3) or "▼" button (4) to toggle between AM/PM clock and 24-hour clock
9. Press "MODE" button (1) again to change language setting.
10. ENG for English; GE for German; IT for Italian; FR for French; NE for Dutch; ES for Spanish; DA for Danish;
11. Press "MODE" button (1) again to confirm settings. Display will no longer flash.

Viewing and Setting the Alarm Time

1. Press "MODE" button (1) once and AL will appear on the display to indicate the alarm time.
2. Press "MODE" button (1) again and the current time will be shown.

When alarm time is showing,
1. Press and hold "MODE" button (1) for approximately 3 seconds until the digits flashes.
2. Press "▲ °C & °F" button (3) or "▼" button (4) to change the hour setting.
3. Press "MODE" button (1) again.
4. Press "▲ °C & °F" button (3) or "▼" button (4) to change the minute setting.
5. Press "MODE" button (1) again.

When alarm time is shown, press "▼" button (4) 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. The clock will automatically enter snooze mode if the alarm is not deactivated.

Press the "SNOOZE / LIGHT" button (11) when the alarm is on to enter snooze mode.
z^z will flash when the clock is in snooze mode. The alarm will sound again in 5 minutes.
Hit any button on the back of the clock to deactivate the alarm.

Projecting the Current Time

This clock is equipped with night time projection. The time can be projected onto a flat surface in a very dark room. Press "SNOOZE / LIGHT" (11) to activate the time projection. The current time will be projected for approximately 20 seconds. Turn the "time projection focus" knob (7) clockwise or counterclockwise to adjust time projection focus.

Temperature Memory

Press the "MAX / MIN" button (2) to display maximum recorded temperature, minimum recorded temperature, and current temperature. "MAX" indicates maximum temperature.
"MIN" indicates minimum temperature.

Temperature Display

1. The "IN" temperature displays the indoor temperature at the location of the weather station.
2. The "OUT" temperature displays the temperature of the remote temperature sensors.
3. Press "IN / CHANNEL" button (6) on weather station repeatedly to toggle between indoor temperature and humidity, channel 1, channel 2, and channel 3.

Celsius/Fahrenheit

Press "▲ °C & °F" button (3) to toggle between displaying the temperature in Celsius and Fahrenheit.

Temperature Trend

1. indicates the temperature is in an increasing trend.
2. indicates the temperature is in a no-change trend.
3. indicates the temperature is in a decreasing trend.

Warnings

- Do not subject the unit to excessive force, shock, dust, temperature, or humidity.
- Do not immerse the unit in water.
- Do not remove any screws.
- Do not dispose of this unit in a fire.
- 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 of the unit according to local and state laws.
- Recycle when possible.
- 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.

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.

Specifications

Indoor temperature range	: 32°F to 122°F
Outdoor temperature range	: -4°F to 122°F
Relative humidity range	: 20%~95%
Barometeric pressure range	: 930~1050hpa
Calendar range	: year 2000 ~ year 2099

Power : 3 x AAA-size 1.5V batteries for the main unit
2 x AAA-size 1.5V batteries for the remote temperature sensors

NEXA® ELECTRONICS
BY KING'S MFG. CO. LTD.
Room 1004, Peninsula Square,
18 Sung On Street, Hunghom, Kowloon, Hong Kong.
www.nexatronics.com
customerservice@nexatronics.com