

Introduction

The temperature sensor monitors the temperature of a specific area. You may specify a temperature range so that when the temperature of that area is below or above a preset temperature, the sensor will sound and transmit a signal to the Skylink receiver (i.e. Security Control Panel, SC-001, SC-002, Emergency Dialer AD-433, AD-1010, Audio Alarm AA-433, Silent Alarm SW-433). These receivers will then notify the user that the temperature of the monitored area is out of the preset range. This sensor is ideal for storage room, green-house, horse farms etc.

Installation

We have included screws, wall anchors and a template to aid in the installation of the temperature sensor. Use the template to install:

1. Tape the template to the wall where you would like the temperature sensor to be.
2. Screw part way into the surface where the holes are marked on the template.
3. Unscrew the screws and remove the template.
4. Screw the temperature sensor in place where you started the screws.
5. Align the two holes located at the back of the temperature sensor with the screws on the wall.



Program the Temperature Sensor to the Security Control Panel (SC-001, SC-002)

1. Enter the current MPIN (Master Personal Identification Number) on the Security Control Panel (SC-001, SC-002).
2. Press [B].
3. Press the number key to identify which zone to add the Temperature Sensor to.
Note: Zone 1 and zone 2 are intended for delay mode, the rest of the zones are for instant alarm. Decide which zone you want to add the sensor depends on your application.
4. The zone light will flash for eight seconds.
5. While the zone light is flashing, press [+]. Now both the green and red lights flash for 30 seconds.
6. While the zone lights are flashing, activate the temperature sensor by pressing the red button on keypad. The "ON" light on the sensor will be on. You will hear a long beep from the control panel, the zone light will stop flashing and the temperature sensor will now communicate to that zone.

Program the Temperature Sensor to the Audio Alarm (AA-433)

1. With only the "ON" light lit on the Audio Alarm, press and hold the learn button located on the bottom of the Audio Alarm (AA-433).
2. While pressing down on the learn button, activate the Temperature Sensor by pressing the red button on the Temperature Sensor. The "ON" light on the Temperature Sensor will flash.
3. If a connection has been made, the Audio Alarm will stop beeping and make a continuous tone until the black learn button on the Audio Alarm is released.
4. Now test the sensor by pressing the red button on the Temperature Sensor again. If the Audio Alarm beeps, they are communicating.

Program the Temperature Sensor to the Emergency-Dialer (AD-433, AD-1010)

1. Press [L], [5] when in clock mode on AD-433, AD-1010, the display will show "L5 Id codE".
2. Activate the Temperature Sensor within 5 seconds by pressing the red button on the sensor. The "ON" light of the sensor will be on when the red button is pressed. The display will return to clock mode once the Temperature Sensor has been learned.
3. If the temperature of the monitored area is out of the preset range, it will trigger the Emergency Dialer and start dialing preset phone numbers (refer to AD-433 User's Instruction for more details).
4. Use wires directly connect to the Emergency Dialer (see External Jumper-Normally Close (N/C).

Operation of the Temperature Sensor

In order to turn on the temperature sensor, you need to remove the insulator from the battery compartment. Take out the screw on the back of the sensor and rotate the battery holder to remove the insulator. When the temperature sensor is turned on the first time, the display will show the current room temperature in Fahrenheit, to change the temperature to Celsius, see switch settings. Press [CLOCK] to see the current time. The time will be set to 12:00 when it is turned on the first time.

To set the clock:

1. Press and hold [CLOCK] and [HOUR/ALARM] at the same time for 2 seconds.
2. When the colon stop flashing on the display, release [HOUR/ALARM], but hold [CLOCK].
3. While you are still pressing on [CLOCK], press [HOUR/ALARM] to change the hour setting. The clock is in 12 hour mode.
4. While you are still holding [CLOCK], press [MIN/SET] to change the minute setting.
5. You may release all the buttons after the clock is set. Check the time by pressing [CLOCK], it will show the time you have just entered.

When the unit is turned on for the first time (or after you reset it, see switch settings for how to reset the unit), the upper temperature limit will be set to 212°F (or +100°C), and the lower temperature limit will be set to -40°F (or -40°C). Therefore, when the temperature of that specific area is out of this range (below -40°F or above 212°F), the temperature sensor will transmit a signal to the Skylink's receivers and notify the user.

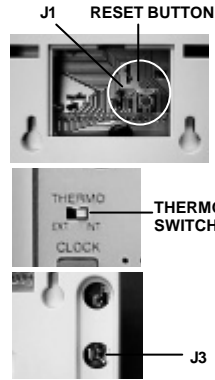
1. Press [HI] to change the upper temperature limit or [LO] to change the lower temperature limit. The display will show the current upper temperature limit or lower temperature limit when [HI] or [LO] are pressed.
2. To change the upper temperature limit, press and hold [HI] (to change the lower temperature limit, press and hold [LO]) then press [MIN/SET], the temperature on the display will increase until it reaches 212°F (or +100°C), then it will return to -40°F (or --40°C). Release [MIN/SET] at the desire temperature. Then release [HI] when setting the upper temperature limit (or release [LO] when setting the lower temperature limit).
3. Check the temperature limit by pressing [HI] for upper temperature limit and [LO] for the lower temperature limit.

Switch Settings

In order to reset the temperature sensor, you need to remove the sensor from the wall, then take out the cover on the back of the unit. Pressing the reset button will change all the settings to the factory default value (upper temperature limit 212°F (+100°C), lower temperature limit -40°F (-40°C), and the clock will be set to 12:00). There are also 3 jumpers labeled as J1, J3, J4.

In order to change the temperature unit from Fahrenheit to Celsius, disconnect the jumper from J1 and press the reset button, the temperature sensor will now function in Celsius. You may connect an external temperature probe to measure the outdoor temperature.

1. Connect the external temperature probe to the jumper J3 at the back panel.
2. Slide the THERMO switch to the EXT position in the front panel, allow 10 seconds for the sensor to warm up, the display will show the outdoor temperature. In order to measure both indoor and outdoor temperature, install the Temperature Sensor inside the house and hang the external temperature probe outside the house.



Battery

The Temperature Sensor operates on two 3 volt lithium batteries (CR2032).

This sensor comes with the batteries already installed. Test your sensor periodically by pressing the BATT CHECK button to ensure that all the batteries are working. When pressing the BATT CHECK button, if the LO BATT light dims, replace the batteries.

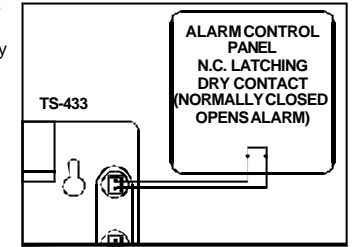
To replace the batteries:

1. Remove the temperature sensor from the wall.
2. Undo the screw on the back of the unit.
3. Use a screwdriver to open the battery compartment by rotating it.
4. Remove the batteries from the battery compartment.
5. Place the new batteries in position. See diagram.
6. Close the battery compartment and reinsert the screw.



External Jumper-Normally Close (N/C) Dry Contact

You may connect this Temperature Sensor to your existing alarm system by the wires from the jumper J4 at the back panel. Once the Temperature Sensor is activated, it will trigger the existing (hard-wired) security alarm system and transmit a signal to one of the Skylink's receivers. Contact your current security service provider or installer for further information on hard wiring of the alarm system.



Warranty

If, within one year from date of purchase, this product should become defective (except battery), due to faulty workmanship or materials, it will be repaired or replaced, without charge. Proof of purchase is required.

FCC

The Remote Control is approved by the FCC and it complies with Part 15 of the FCC Rules. Its operation is subject to the following two conditions :

1. This device may not cause harmful interference.
2. This device must accept any interference that may cause undesired operation.

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

NOTE

If you would like to order Skylink's product or have difficulty getting your Skylink's product to work, please :

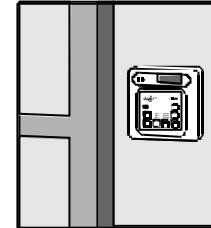
1. visit our website FAQ at www.skylinkhome.com, or
2. email us at support@skylinkhome.com (reply within 24 hrs)
3. call our toll free at 1-800-304-1187 from Monday to Friday, 9 am to 5 pm EST. Fax +800 286-1320

Skylink will not be held liable or responsible for any misuse or application of this product other than for its intended use.

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P/N. 101A100-001 Rev.1
US Patent 6243000B1
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