

General Description

The PhoneAlarm automatically dials a preprogrammed telephone number and sounds an alarm tone when the temperature exceeds the alarm setpoint. The PhoneAlarm will redial until it is disabled.

Applications

Remote temperature alarm for monitoring of unoccupied buildings and environments. Applications include furnace failure (freeze protection) air conditioning, agriculture, greenhouses, computer rooms, etc.

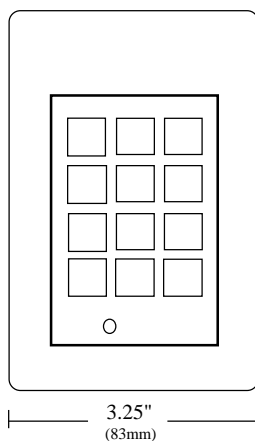
Features

- Operates on rotary or touch tone phone lines
- Programmable "call-to" number, up to twelve digits
- Three hour or fifteen minute call out frequency
- Programmable keypad
- Select switch for either alarm on temperature fall or alarm on temperature rise
- Automatic reset
- Memory backup
- Two or eight ring call out
- Dial indicator light
- Remote sensor ("E" model only)
- FCC approved

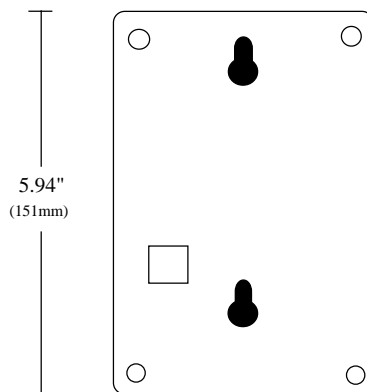
Specifications

Power requirements: 9 volt battery (not included)
Sensor: Fixed setpoint thermistor (12" lead on "E" model)
Accuracy: $\pm 3^{\circ}\text{F}$
Ambient temperature range: 20° to 140°F (-7 to 60°C)

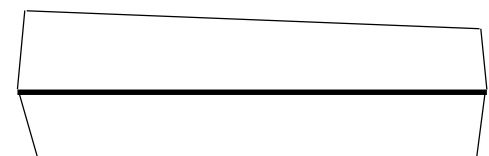
Humidity: 90% non-condensing
Weight: 7.5 oz
Agency approvals: FCC part 68
Ringer equivalence: 0.0B (ac)

Dimensions & Wiring

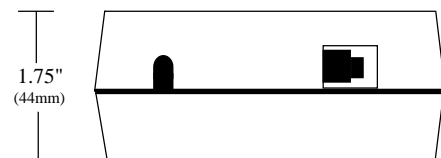
Front



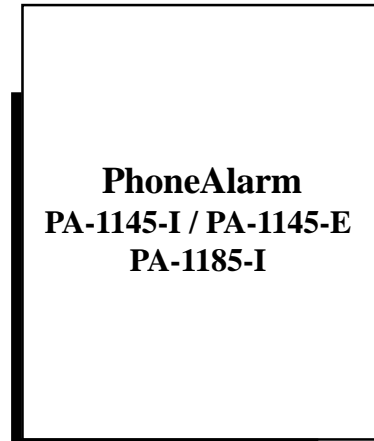
Rear



Side



Top



Programming Instructions

IMPORTANT - Before Starting: Please read Warranty Information. It is critical that the PhoneAlarm be tested at the location of actual use since local telephone lines and systems vary and may affect performance. It is also important that a person be available at the "call-to" location to receive and confirm the alarm message.

A. Installation:

1. **Before Starting:** Please read **Warranty** information before using this product.
2. Remove the four screws and back cover to install 9 volt alkaline battery (not included).
Important: Battery should be replaced annually
3. Function switches, located in the lower left hand corner of the circuit board, are factory set for normal operation. For other options, refer to the chart below. Replace back cover and screws. **Bold *** = Factory Settings

Switch	Function	Settings	
#1	Select between 8 ring or 2 ring call-out.	*Off=8 rings	On=2 rings
#2	FACTORY USE ONLY	*Off	
#3	Select 15 minute or 3 hour call out frequency.	Off=15 min	*On=3 hours
#4	Select for alarm on a temperature fall or rise. (Temperature fall for freeze protection - temperature rise for refrigeration protection)	*Off=Fall	On=Rise

4. Plug one end of phone cord provided into the PhoneAlarm.
5. Plug other end of cord directly into a phone jack. **Caution: The PhoneAlarm will not work with PBX or other multi-line systems.** A dual plug adaptor (not included) may be used when sharing a phone jack with a telephone or other equipment.

B. Programming:

1. Press and hold the star key (*) on the PhoneAlarm keypad.
2. Enter the "call-to" telephone number.
3. After number is entered, release the star key (*).

C. Testing:

1. Program unit if not already completed (see **B. Programming** above).
2. Have someone available at "call-to" location to answer when the PhoneAlarm calls.
3. Press the pound key (#) on the PhoneAlarm keypad until the red indicator light comes on, then release.
4. The PhoneAlarm will call the programmed number (pulsing red indicator light confirms unit is dialing). If the red indicator light does not pulse as unit is dialing, repeat programming sequence.
5. Individual at "call-to" location must answer the phone to verify the alarm tone. If the person does not receive or hear the alarm tone, call Control Products for customer service. When red indicator light goes out, the test sequence is complete and disabling is not required.

D. Disabling:

1. After receiving an alarm call, dial the PhoneAlarm location's phone number.
2. After 16 rings, the PhoneAlarm will answer and sound the alarm tone. The alarm tone confirms the unit is now disabled. Once alarm conditions are corrected, the PhoneAlarm will reset automatically.

E. Answering Machines:

Caution: Do not use an answering machine on the same phone line as the PhoneAlarm. The PhoneAlarm cannot receive calls when sharing a phone line with an answering machine, making it impossible to disable.

An answering machine can be used at the "call-to" location. Depending on the length of your greeting and the type of answering machine (voice-activated), the PhoneAlarm **may or may not** leave the alarm tone message. To avoid the answering machine completely, put switch #1 in the "ON" position, the phone will ring only twice on call-out and then hang up. Answering machine must be set to answer after two rings. **Caution: In some instances, the PhoneAlarm may hang up before the two rings are heard at the call-to location. Test this feature thoroughly before using.**

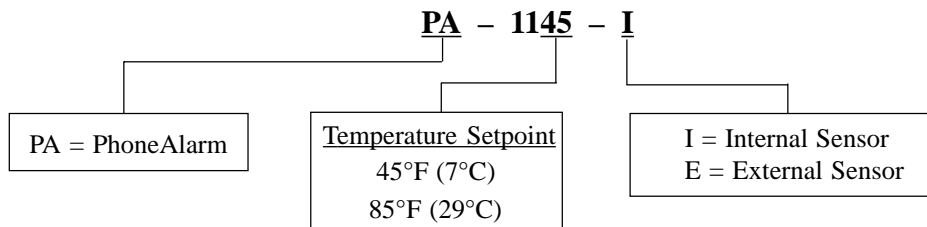
- F. Remote Status Check:** To check the alarm status from any location, dial the telephone number of the PhoneAlarm's location:
1. If the call continues to ring beyond 16 rings, the temperature status is normal. (PhoneAlarm is not in an alarm condition)
 2. If after 16 rings you hear the alarm tone, a temperature emergency exists. The unit is now disabled. (See **D. Disabling**).
- To check current alarm status after the unit has been disabled:
1. The PhoneAlarm will answer after 8 rings and sound an alarm tone if the emergency condition still exists.
 2. If the call continues to ring beyond 16 rings, temperature status has returned to normal.

Troubleshooting

<u>Problem</u>	<u>Solution</u>
1. Unit does not function	Check battery, phone line service and cord connections.
2. Can not disable alarm call	Verify phone number. Wait five minutes after receiving alarm call before attempting to disable.
3. Phone does not ring at "call-to" location	Verify phone number. Repeat programming sequence. Put Switch 1 in "OFF" position.
4. Receiving false alarms	Do not place the PhoneAlarm near windows or drafty areas. Furnace thermostat may be set too low - raise temperature setting.

Ordering Information

Please use the following example when ordering:



Custom Design & Modifications

In addition to standard models, Control Products specializes in the complete custom design of controls. Modifications of our standard controls are also available. Please consult factory for more information.

Limited Warranty

- Limited Warranty:
1. Warrantor: Dealer, Distributor, Retailer, Manufacturer
 2. Warranty and Remedy:

We believe this is a very fine product. Over the years, we have received many calls and letters from folks with thanks and stories on how our product alerted them to a potentially costly freeze-up. We have also heard from a few unhappy folks complaining that this product did not alert them during a freeze-up. Although we take extreme pride in producing and testing a product that will function properly, we cannot guaranty that there will never be a defective unit, or that a unit will function on all of the thousands of phone lines and communication equipment in existence. For this reason, **it must be clear that the Warrantors are not insuring your premises or guaranteeing that there will not be damage to your person or property if you use this Product.** If you are not comfortable with our Limited Warranty, or completely satisfied with the Product, we encourage you to return the unused Product for a full refund. Thank you for your understanding.

One Year Limited Warranty - Control Products, Inc. warrants its products to be free from defects in material and workmanship under normal use for one year, and is not responsible for consequential damages or installation costs of any nature. In the event that the Product does not conform to this Warranty at any time during the period of one year from original purchase date, Warrantor will repair the defect and return it to you at no charge. **IMPORTANT: The Warranty is limited to replacement of the Product ONLY. Secondly, because every phone line differs, we strongly encourage you to fully test this Product in its actual application. This should include a full test, involving the Product actually dialing to its designated location and someone verifying the proper response.**

This Warranty shall terminate and be of no further effect at the time the Product is 1) damaged by extraneous causes such as fire, water, lightning, etc., or not maintained as reasonable and necessary; 2) modified; 3) improperly installed; 4) repaired by someone other than the Warrantor; 5) used in a manner or purpose for which the Product was not intended.

WARRANTORS' OBLIGATION UNDER THIS WARRANTY IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT ONLY. THIS WARRANTY DOES NOT COVER PAYMENT OR PROVIDE FOR THE REIMBURSEMENT OF PAYMENT FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

It must be clear that the Warrantors are not insuring your premises or guaranteeing that there will not be damage to your person or property if you use this Product. The Warrantors shall not be liable under any circumstances for damage to your person or property or some other person or that person's property by reason of the sale or use of this Product, or its failure to operate in the manner in which it is designed. The Warrantors' liability, if any, shall be limited to the original cost of the Product only. Use of this Product is at your own risk.

3. Procedures for Obtaining Performance for Warranty:

In the event that the Product does not conform to this Warranty, the Product should be shipped or delivered freight prepaid to a Warrantor with evidence of original purchase. **If in any way you are not comfortable with the product or its Limited Warranty, we encourage you return it unused.**

FCC Regulations

This equipment complies with Part 68 of the FCC Rules. On the bottom of this equipment is a label that contains among other information the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. If requested this information must be given to the telephone company.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most but not all areas the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line as determined by the REN you should contact your local telephone company to determine the maximum REN for your calling area.

If your telephone equipment causes harm to the telephone network the telephone company may discontinue your service temporarily. If possible they will notify you in advance. If advance notice isn't practical you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC.

Your telephone company may make changes in its facilities equipment operations or procedures that could affect the proper functioning of your equipment. If they do you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

If you experience trouble with this telephone equipment please contact Control Products, Inc. at 612-448-2217 for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. Contact your state public utility commission or corporation commission for information.