

Thank you for purchasing the miniAlarm™ Compact Security System. The miniAlarm™ is a self contained security system. It will sense an intruder, call you and two other numbers to alert you of the problem, and then give you the opportunity to listen in to your home, apartment, garage, or business. It even has a "panic" or "help" mode to allow someone to initiate a call-out if they are in need of help.

HOW IT IS USED:

The miniAlarm™ is not to be confused with a whole house security system. The miniAlarm™ is designed for an apartment, entry way, family or living room, stairway, hallway or any small to medium sized area where you would expect an intruder to pass through.

FEATURES:

- Automatically dials up to three phone numbers when an intruder is detected.
- 80 decible audible alarm sounds when an intruder is detected.
- "Panic" feature allows a person to initiate the dialing sequence and call for help.
- Listen in to background noises after receiving an alarm, or call in anytime to listen in and check alarm status.
- Record your own alarm message played during an intruder alarm.
- Operates on rotary or touch-tone phone lines.
- Indicator light.

WHAT IS INCLUDED:

- miniAlarm™
- Phone cord (7' long)
- 12 volt power transformer
- Double Stick Tape or Velcro®
- Instruction sheet

IMPORTANT!

Read the warranty information (page 6) before using this product. The performance of local and long distance telephone lines vary from location to location and may affect operation of the miniAlarm™. Therefore, it is important that the miniAlarm™ be fully tested after installation to confirm telephone system compatibility. See page 3 for information on how to test the miniAlarm™.

INITIAL SET-UP

WHAT YOU WILL NEED:

- A 9 volt alkaline battery (not included)
- A phillips head screwdriver (not included)

1. Installing the Back-Up Battery

The miniAlarm™ works best when powered by the 12 volt power transformer, plugged into a standard electrical outlet. There is an option for a 9 volt battery back-up that will provide on-going protection during a power failure. If power is cut to the miniAlarm™ during an alarm, the unit will continue to call out and sound an audible alarm for one to three hours.

To install the back-up battery, unscrew the four screws on the back of the miniAlarm™ and pull off the back cover. You will see a set of battery terminals to plug your 9 volt battery into.

2. Power and Phone Cord

Replace the back cover. Plug one end of the telephone cord (provided) into the miniAlarm™. Plug the other end directly into a telephone wall jack. NOTE: The miniAlarm™ requires a single telephone line but does not require this line to be dedicated to the miniAlarm™ use only. The miniAlarm™ is not compatible with PBX or other multi-line business telephone systems. Connecting the miniAlarm™ to a commercial telephone system may cause internal damage to both systems.

The miniAlarm™ can share a direct phone line with a telephone. A dual plug adaptor (not included) is required and is available at most hardware and department stores. The adapter allows both the miniAlarm™ and a telephone to share the same phone line through connection of a single wall jack.

Plug the power transformer into a regular power outlet. The power cable can be easily extended through the use of an extension cord. The phone cable can be extended by the use of a phone cable coupler and an additional phone cable. These types of products are available at any department store retailer, home center or electronics retailer. It is highly recommended you plug both

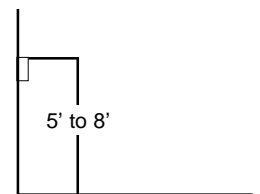
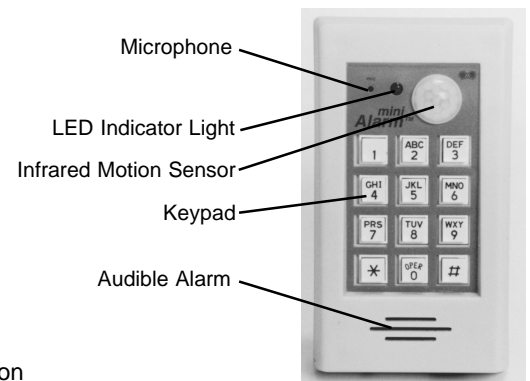


Figure 1

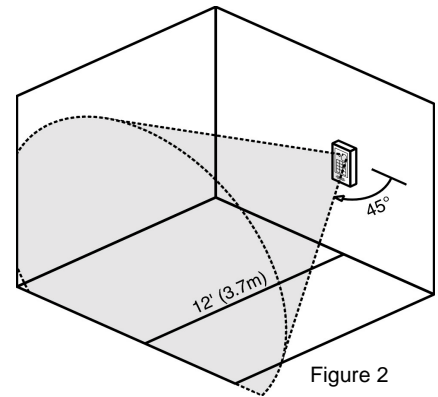
the power cord and phone line into a high quality surge protector as your miniAlarm is susceptible to power surges, spikes, and lightning strikes.

3. Mounting on the wall

The miniAlarm™ works best when mounted on a wall. You can either mount it with double stick tape or screws. Velcro® and/or double stick are included, but the screws and wall anchors are not.

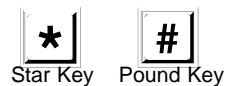
The miniAlarm should be mounted between 5' (1.5 m) and 8' (2.4 m) from the ground. If mounting with screws, use the template at the end of the instructions to locate the proper location for your screw holes.

When considering a location for the miniAlarm™, consider the fact that the sensor has a 12' (3.7m) range. This makes it ideal for entries, smaller rooms, or near doorways or likely points of entry by an intruder. Figure 2 shows the pattern of the sensor.



PROGRAMMING

The unit must be plugged into a power outlet during programming and have a back-up battery installed. The miniAlarm™ should also be unarmed. It is unarmed if the LED indicator light is not on. During programming you will be asked to use the Star and Pound keys on the miniAlarm's™ keypad.



1. Entering Programming Mode

Press and hold the pound (#) key for five seconds to enter the programming mode. After five seconds the beeper should beep three times and the LED indicator light will begin blinking.

NOTE: If you do not press any keys for 30 seconds, the miniAlarm™ will exit Programming Mode automatically and the indicator light will stop blinking. If you are in the middle of programming and you do not press any keys for 30 seconds, the unit will leave the programming mode and any unsaved information will be lost. When the miniAlarm™ leaves the programming mode, you will hear five short beeps.

2. Entering Call-Out Telephone Numbers

During an alarm condition, the miniAlarm™ will automatically begin calling up to three telephone numbers you program into the miniAlarm™. It will continually call those numbers twice every 15 minutes or until the miniAlarm™ is DISARMED or someone calls remotely and disables the call-out sequence. See DURING AN ALARM section on page 4 for more information regarding this feature. It is not required that you enter three telephone numbers.

To program the three telephone numbers for the miniAlarm™ to call during an alarm or panic emergency, do the following:

- A. PRESS "1" on the keypad to program telephone number one. The miniAlarm™ will beep several times.
- B. Enter in the telephone number one. Remember to enter in any area codes, country codes, or "1" for long distance if necessary. The miniAlarm™ will beep once with each key pressed.
- C. When the number is entered, press the star "*" key to save that telephone number. The miniAlarm™ will beep several times to acknowledge the number is saved. The miniAlarm™ is still in programming mode.
- D. PRESS "2" on the keypad to program telephone number two. When done, press the star "*" key to save that number.
- E. PRESS "3" on the keypad to program telephone number three. When done, press the star "*" key to save that number.

NOTE: If you made a mistake entering a telephone number, just press the star "*" key to temporarily save that number and then press "1" again to re-program the correct telephone number.

3. Recording your Personalized Alarm Message

This 10 second message will be played when there is an alarm condition or if the panic emergency feature is initiated. Here are some tips on making sure your message is recorded clearly, so it can be heard and understood easily, should your miniAlarm™ call you.

1. Prepare a message on paper. Make it short, but descriptive, so you know who is calling and why. Time it on a watch to make sure you are within the 10 second limit.
 2. Making your message short enough to repeat several times is the best type of message.
 3. When ready to record the message, have your mouth about 3 or 4 inches away from the microphone. Do not yell or sound alarmed when recording the message. Speak very clearly.
 4. You can always re-record your message. You can easily record over if you make a mistake.
- A. PRESS "4" on the keypad.
 - B. Speak clearly about 3 or 4 inches away from the microphone and record your message. When done, press the star "*" key to save your message. If your message lasts more than 10 seconds, the miniAlarm™ will automatically beep and save the message for you. To re-record at this point, just PRESS the "4" again.

4. Play Back your Personalized Alarm Message

The miniAlarm™ does not have a speaker. It has a beeper. Therefore, you cannot listen to your Personalized Alarm Message directly on the miniAlarm™. To play back and listen to your Personalized Alarm Message, you must listen in on a phone extension or call to the unit from a remote phone, like a cell phone or a neighbor's phone. Figure 3 shows how to use a phone extension in your home to listen to the personalized alarm message.

OPTION 1:

One option to listen to your Personalized Alarm Message is to listen in on an extension phone, or second phone in the same residence where the miniAlarm is located.

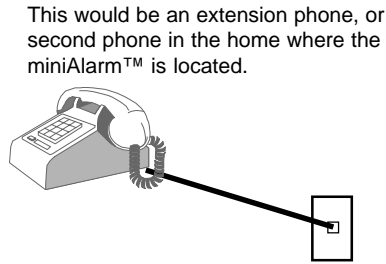
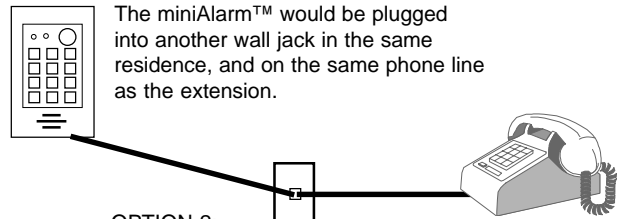


Figure 3



OPTION 2:

Another option is to use a "splitter" that allows you to plug in both a phone and the miniAlarm™ into the same phone jack.

To play back the message, PRESS "5" on the miniAlarm™ keypad. Listen in on any phone in the same residence where the miniAlarm™ is located as long as the miniAlarm™ and the phone extension are on the same line. After the message plays, the miniAlarm™ automatically goes back into programming mode. During playback, you may hear the miniAlarm™ click twice.

5. Enter or Change Security Code

The security code is required to ARM and DISARM the miniAlarm™. Your security code may be any four digit number. The default security code when you receive your miniAlarm™ is 9999.

NOTE: It is very important to create a NEW security code when you receive your miniAlarm™.

To enter or change your security code:

- A. PRESS "6" on the miniAlarm™ keypad.
- B. Enter your four digit number followed by the star "*" key.

6. Exit Programming Mode

To exit the Programming Mode, PRESS "9" on the miniAlarm™ keypad. The LED indicator light should go off.

PROGRAMMING SUMMARY:

Desired Action	Key Pad #	Instructions
Enter/change call-out # 1	1	Enter call-out telephone number 1 followed by the star "*" key.
Enter/change call-out # 2	2	Enter call-out telephone number 2 followed by the star "*" key.
Enter/change call-out #3	3	Enter call-out telephone number 3 followed by the star "*" key.
Record/change Alarm Message	4	Speak into microphone for up to 10 seconds. Press star "*" key when finished.
Play back Alarm Message	5	Listen in on any telephone extension on the same line as the miniAlarm™
Enter/change Security Code	6	Enter four digit security code followed by the star "*" key.
Exit Programming Mode	9	Exits programming mode. LED indicator light goes off.

TESTING YOUR miniAlarm™

You can test your miniAlarm™ to ensure you have entered the telephone numbers correctly and to verify the miniAlarm™ is compatible with your local phone system and in-house phone lines. Due to the many different phone companies and phone line differences, there may be some instances where the miniAlarm™ cannot operate properly.

To test the miniAlarm, initiate a PANIC EMERGENCY by pressing the pound "#" key three or more times in a row. This feature is described in more detail on page 5. The miniAlarm™ will begin dialing the three phone numbers. The audible alarm will sound.

After you have verified the unit is dialing the numbers correctly, DISARM your miniAlarm™ by entering your four digit security code followed by the star key.

ARMING and DISARMING

The miniAlarm™ has three main modes of operation. The LED indicator light corresponds to each mode of operation.

1. Programming Mode LED Indicator Light is Blinking
2. ARMED LED Indicator Light Blinks during delay period, and then stays on when in ARMED mode.
3. DISARMED LED Indicator Light is off.

1. ARMING:

When the miniAlarm™ is ARMED, it is ready to detect an intruder. To ARM the miniAlarm™, do the following. These instructions assume the miniAlarm is currently DISARMED and the LED indicator light is off.

- A. Enter Security Code followed by the star "*" key.
- B. The miniAlarm™'s LED indicator light will blink for 20 seconds. This is the delay period, designed to allow you time to get out of your residence so you don't trip the alarm.
- C. When ARMED, the LED indicator light will remain on.

2. DISARMING:

To DISARM the miniAlarm™ when you return to the alarm's location, do the following. This is the procedure you should also follow if you come home and the unit is in alarm mode. You have 20 seconds to DISARM the miniAlarm™ once it detects you.

- A. Enter the security code followed by the star "*" key. LED indicator light should go off and the miniAlarm™ will be DISARMED.



NOTE: You cannot DISARM the miniAlarm™ while the unit is dialing out to your call-list. You must wait for it to finish dialing before you can DISARM the miniAlarm™.

DURING AN ALARM

You and others on your programmed call-out list will receive a call for one of two reasons. Either an intruder has been detected, or someone at the miniAlarm™ location has initiated a PANIC EMERGENCY. In either case, the call-out list will be called continuously until someone DISARM's the miniAlarm™ at the alarm's location, or until someone calls the miniAlarm™ and disables the call-out feature. During an intruder alarm or Panic Emergency alarm, the miniAlarm™ will always remain in ARMED mode until someone goes to the miniAlarm™ location and DISARM's the miniAlarm. Disabling the call-out feature *only stops the miniAlarm™ from calling your programmed telephone numbers.*

To remotely disable the call-out feature:

- A. Call the location where the miniAlarm is located.
- B. Let the phone ring at least six times. After six rings, the miniAlarm should answer and play your Personalized Alarm Message. At this point, you have successfully disabled the call-out feature.

To DISARM the miniAlarm™, see DISARMING instructions above.

What happens when an intruder is detected?

The miniAlarm™ will initially sound a loud alarm for up to four minutes. It will also begin the call-out sequence to your programmed telephone numbers. When one of the outgoing calls is answered, either by a person, voice mail, or an answering machine, the audible alarm will stop. The miniAlarm™ will begin playing your Personalized Alarm Message to the person, voice mail, or answering machine immediately. For more information on how the miniAlarm™ works with answering machines and voice mail, see one of the questions below.

After playing your Personalized Alarm Message twice, the miniAlarm's on-board microphone will turn on, allowing you to listen in to the background sounds at the miniAlarm™ location for up to two minutes. You may hang up at this point, if desired, but the miniAlarm™ will remain in the "listen-in" mode for the full two-minutes and won't be able to accept a phone call to disable the call-out feature.

What do I do when I receive a call from my miniAlarm™?

Your miniAlarm would call you for one of two reasons. An intruder has been detected or someone has activated the Panic Emergency feature.

In either case, you would first hear your Personalized Alarm Message twice, followed by the opportunity to listen-in to the background noises for up to two minutes. You may hang up at this point, if desired, but the miniAlarm™ will remain in the "listen-in" mode for the full two-minutes and won't be able to accept a phone call to disable the call-out feature.

NOTE: The miniAlarm™ will continue to call out to your programmed numbers every 15 minutes. It will do this indefinitely until it receives a call from an outside phone or the miniAlarm™ is DISARMED at the alarm location.

How do I stop the miniAlarm™ from calling me and others phone numbers on my calling list?

There are two methods to tell the miniAlarm™ to stop calling you:

- A. Call back to your home, apartment or business where the miniAlarm™ is located and let the unit ring 6 or 7 times. The

miniAlarm™ should answer after six rings. If the alarm has been tripped, you will hear your Personalized Alarm Message played back to you, twice. By calling back and letting the miniAlarm™ answer, you have disabled the call-out feature and no more calls will be made by the miniAlarm™.



NOTE! If you call back to the miniAlarm™ and the unit does not respond after 6 or 7 rings, it may mean the unit has been disabled or tampered with.

- B. At the miniAlarm™, enter your four digit security code followed by the star “*” key. This will discontinue the call-out feature and DISARM the motion sensor. The Indicator Light should be off after you complete this.

PANIC EMERGENCY FEATURE

This feature allows someone who is at the miniAlarm™ location to initiate an automatic call-out to all the programmed telephone numbers. To activate the PANIC EMERGENCY feature, press the pound “#” key three or more times, quickly. The miniAlarm™ will begin calling out to all three numbers immediately. The audible alarm will sound.

REMOTE STATUS CHECK & LISTENING-IN

You can check the alarm status of the miniAlarm™ by calling the unit from any phone in the world. You can also “listen-in” to background noises at the miniAlarm’s™ location by calling the miniAlarm™. To check the status or listen in:

- A. Call your miniAlarm™ and let it ring six or seven times.
- B. When your miniAlarm™ answers, it will play one of two messages to indicate if the unit is in alarm mode or not.
1. You will hear a short burst of beeps followed by your Personalized Alarm Message. This means the unit is either ARMED or DISARMED, but not in alarm mode.
 2. You will hear your Personalized Alarm Message only - no beeps. This means the unit is in alarm mode and has detected an intruder. Help is needed immediately.
- C. After either of these two responses, the miniAlarm’s™ on-board microphone will allow you to listen in to the background noises for up to two minutes.

COMMONLY ASKED QUESTIONS

What happens when the power goes out at the miniAlarm™ location or if I unplug the miniAlarm™?

- A. The back-up 9 Volt battery will begin powering the miniAlarm™ and will have enough power to call-out during an alarm for several hours before running too low.
- B. The programmed telephone numbers, your personalized alarm message and all settings will not be affected by an power outage or if the back-up battery is dead.

Can I DISARM the miniAlarm™ remotely?

No. The miniAlarm™ can only be DISARMED at the miniAlarm™ location. You can remotely disable the call-out feature during an alarm.

How do I get in and out of my home/apartment/business without tripping the miniAlarm™?

When ARMING the miniAlarm™, the miniAlarm™ gives you 20 seconds to leave the premises.

When coming home, you will most likely trip the alarm as you enter, but it gives you, 20 seconds to DISARM the alarm.



NOTE! If you don't leave the premises or DISARM the miniAlarm™ in time, the unit will go into full alarm and begin dialing out to your call-list. The only way at this time to DISARM the unit is to wait between dialing sequences and attempt to DISARM the miniAlarm™ at that point. This is a security design to prevent intruders from attempting to DISARM once the miniAlarm™ has detected an intruder.

Will the miniAlarm™ work with an answering machine or voice mail?

There are two parts to this question.

1. Will the miniAlarm™ leave a message on an answering machine or voice mail when calling about an alarm?
It may not. When the miniAlarm™ gets an answering machine or voice mail during its call-out, it automatically begins playing your Personalized Alarm Message. The answering machine or voice mail is simultaneously playing its outgoing message. The two may overlap, thus preventing a message from being recorded. If the outgoing message on the answering machine is short, some of your Personalize Alarm Message may still be recorded.
2. Can I have an answering machine or voice mail at the miniAlarm™ location?
Yes. When you need to call your miniAlarm™, either to disable a call-out or to check the status, you must let the phone ring at least 6 times before the miniAlarm™ can answer. The miniAlarm™ will count those six rings over a six minute period of time, even if they accumulate over several phone calls to the miniAlarm. Therefore, call your answering machine and let it answer. Call it again repeatedly until the miniAlarm™ answers.

Can I use a miniAlarm™ and a FreezeAlarm™ at the same location?

Yes, the miniAlarm™ can work with the FreezeAlarm™ Intermediate and Deluxe models. The two units can also share the same phone line. There are some tricks to accessing the miniAlarm™ when you need to disable the call-out or when you are calling to hear background noises at the premises you are monitoring. The FreezeAlarm™ will answer after recognizing five rings within a three minute period of time. The miniAlarm™ answers after recognizing six rings within a six minute period of time. When you call your home and wish to access the miniAlarm™, call up and let the phone ring at least five rings so your FreezeAlarm™ is initially accessed. Hang up and wait for three or four minutes so the FreezeAlarm resets. Then call back and let the phone ring one or two more times. The miniAlarm™ will then have recognized six rings within the six minutes and allows you access to either disable the call-out or hear background noises.

Will the miniAlarm™ work on a multi-line business PBX or digital telephone system?

No. The miniAlarm™ requires a single line telephone line and is not designed to work on any multi-line telephone systems.

How does call-waiting affect the miniAlarm™?

The only thing call-waiting has an affect with is if the miniAlarm™ is attempting to call-out during an alarm and you are trying to call to the miniAlarm™ to discontinue the call-out feature. Call waiting will keep the miniAlarm™ from answering your call, thus preventing you from disabling the call-out feature and also not being able to listen-in to the location. If this occurs, wait a few minutes and call back to the miniAlarm™ until you reach the unit when it is not calling out to your call-list.

TROUBLESHOOTING

Problem

1. Unit does not function

Solution

Check power cord, battery (for correct installation and if fully charged), phone line service and telephone cord connection.

Make sure unit is connected to a direct phone line and not through a PBX or other business phone system. This can be verified by plugging a standard phone into the wall jack. If a standard phone functions, then the phone line is a direct phone line.

2. Cannot disable alarm call out

The miniAlarm™ may be in the middle of dialing out and cannot take a call from an outside caller. If the location where the miniAlarm™ is located rings, but does not answer, double check the miniAlarm™ is dialing the correct number. The miniAlarm™ may have been tampered with or disabled by the intruder or other condition.

3. Receiving false alarms

The miniAlarm™ detects moving objects that have a different temperature from the ambient room temperature. Therefore, pets or any other type of hot or very cold object could set-off the alarm.

4. The miniAlarm™ is not calling the correct call-out telephone numbers during an alarm

The may be due to entering incorrect "call-out" telephone numbers or the power is out and the battery is dead. If the power is on and you have a fresh battery in the miniAlarm™, re-program the telephone numbers per instructions on page 2.

CONTACTING US

To order the miniAlarm™, contact our Customer Service Representative at:

Control Products, Inc.
1724 Lake Drive West
Chanhassen, MN 55317
952-448-2217

FAX 952-448-1606

www.automationhomeproducts.com
email: sales@controlproductsinc.com

When calling or writing for customer support or service, it is a good idea to have the **DATE CODE/MO#** from the back of your miniAlarm™.

Write it down now for reference:

Model Number Information:

The model number of your unit is:

MA-B

WARRANTY & REMEDY

Warrantor: Dealer, Distributor, Retailer, Manufacturer

Warranty and Remedy:

We believe this is a very fine product. Although we take extreme pride in producing and testing a product that will function properly, we cannot guarantee that there will never be a defective unit or that a unit will function on all 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 within 30 days of purchase. 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 locations 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.

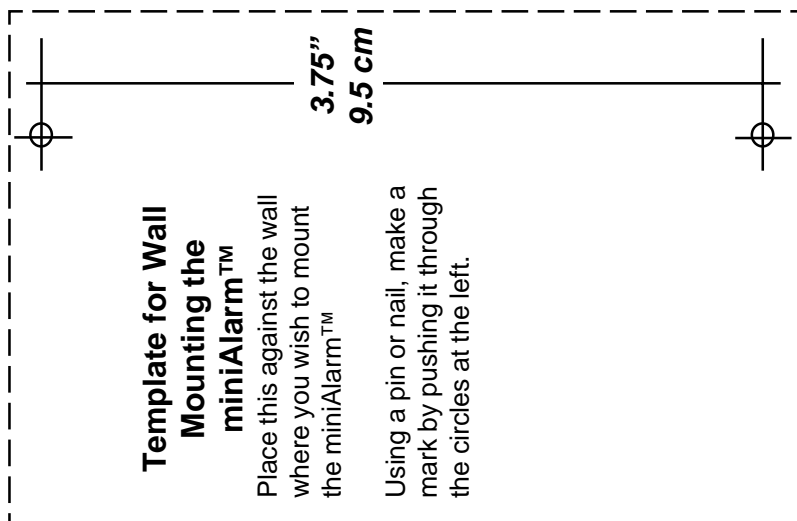
Procedures for Obtaining Performance for Warranty:

In the event that the Product does not conform to this Warranty, the Product should be shipped or delivered freight prepaid to Warrantor with evidence of original purchase. If in any way you are not comfortable with this product or its Limited Warranty, we encourage you to return it unused within 30 days of original purchase date with evidence of the purchase date.

To return your miniAlarm™ to Control Products, Inc.:

All products being returned to Control Products must have a valid Returned Goods Authorization Number (RGA #) from Control Products, Inc., regardless of why the product is being returned. Warranty returns will be honored only with an RGA #. Ship warranty returned products prepaid to Control Products, Inc. 1724 Lake Drive West, Chanhassen, MN 55317. Control Products, Inc. will, at its option, either repair or replace the product free of charge and return the repaired unit or replacement unit at the lowest cost shipping prepaid. Products returned for credit are subject to a 15% restocking charge. Returns resulting from errors by the seller are not subject to this charge. All returns must include evidence of original purchase, showing purchase date. The RGA # should be *clearly* marked on the outside of the package containing the product.

To request an RGA #, call Control Products, Inc. at 952-448-2217 and ask for Customer Service. Failure to have an RGA # may result in lost product or significant delays in handling your return. Products without an RGA # clearly marked on the outside of the package are not the responsibility of Control Products, Inc.



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Chanhassen, Minnesota 55317
Document Number: 42420005 Rev C