

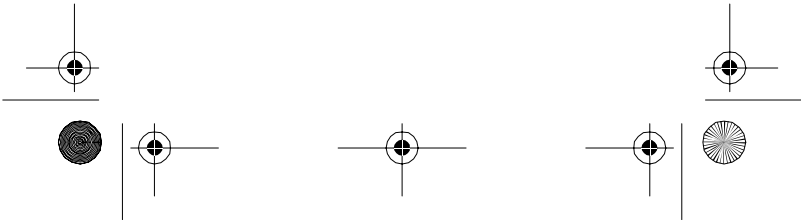
Cat. No. 49-421A  
**OWNER'S MANUAL**

Please read before using this equipment.

# Door Alarm



**R**  
**RadioShack®**





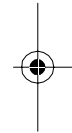
## **FEATURES**



The RadioShack Door Alarm is your 24-hour “electronic sentry.” You can choose between an instant alarm (for when you are home) or a delayed alarm (giving you time to disarm the alarm after you return home). Disarming is easy using one of the two keys that come with your alarm. Your alarm’s other features include:



**Magnetic Sensor Alarm System** — sounds a loud (105 dB at 1 foot), piercing alarm when the magnet moves away from its alarm unit.



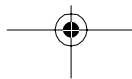
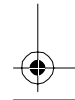
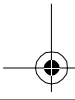
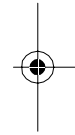
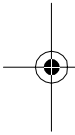
**Simple Installation** — mounts easily with either screws or adhesive tape (both supplied) on non-metallic doors and windows.





**Low Power Consumption** — uses less than 0.05 mA in standby mode (when the alarm is not sounding) for long battery life.

**Solid-State Circuitry** — provides dependable operation.



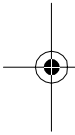


## **PREPARATION**

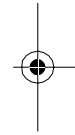


### **INSTALLING A BATTERY**

Your alarm requires one 9-volt battery (not supplied) for power. For the best performance and longest life, we recommend an alkaline battery, such as RadioShack Cat. No. 23-553.



**Cautions:** Use only a fresh battery of the required size and type.



Follow these steps to install the battery.

*illustration*



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1. Use a Phillips screwdriver to remove the screw from the battery compartment cover, then slide the cover off.
  2. Snap the connector over the 9-volt battery's terminals and place the battery in the compartment.
  3. Replace the cover, then reinsert and tighten the screw.

When your alarm operates erratically or the volume decreases, replace the battery.

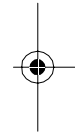
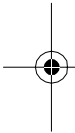
**Cautions:**

- Dispose of the old battery promptly and properly. Do not burn or bury it.
- Always remove an old or weak battery. Batteries can leak chemicals that can destroy electronic parts.



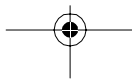
## MOUNTING THE ALARM

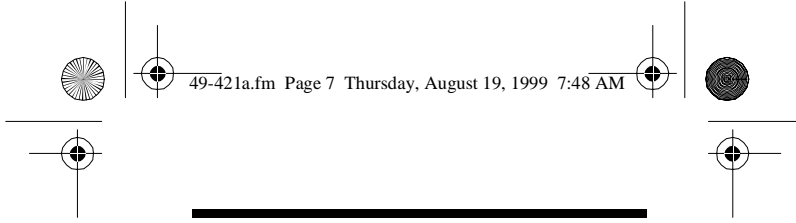
Your alarm is designed for mounting on non-metallic doors and windows only. It uses a magnet to trigger the internal alarm. Mounting on metal surfaces can interfere with proper operation of the magnetic sensor.



### Selecting a Location

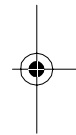
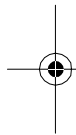
For proper alignment, you must mount the alarm and magnet so the magnet rests with its arrow pointing toward the alarm's engraved line. Choose a location that lets you install the magnet on a door or window and the alarm immediately next to it on the frame, or vice versa. The distance between the alarm and magnet must be no more than  $\frac{1}{3}$  inch (8 mm).



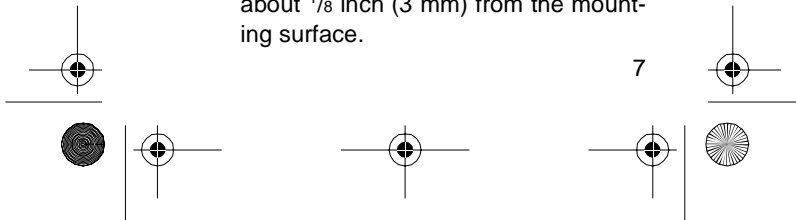


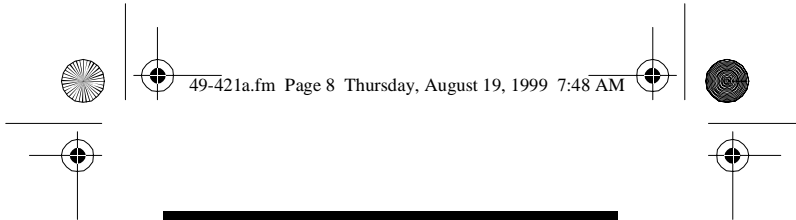
## Screw Mounting

### *illustration*



1. Using the supplied drilling template, mark the screw center points for both the alarm and magnet. You can drill starter holes to make it easier to insert the screws.
2. Thread screws (supplied) into holes A and B until the screws' heads extend about  $\frac{1}{8}$  inch (3 mm) from the mounting surface.



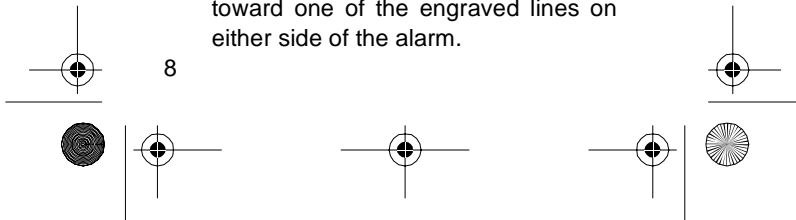


3. Line up the keyhole slots on the back of the alarm with the screws, then slide the alarm down onto the screws to secure it.

4. Remove the battery compartment cover and the battery. Then thread a screw into hole C inside the compartment. Reinstall the battery and replace the cover.

*Illus.*

5. Use the two remaining screws to mount the magnet so its arrow points toward one of the engraved lines on either side of the alarm.

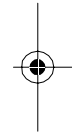






### Adhesive Tape Mounting

1. Clean and dry the mounting surfaces for both the alarm and the magnet.
2. Peel the backing off of one side of each of the supplied adhesive strips, then attach them to the back of the alarm and the magnet.
3. Peel the backing off of the other side of the alarm's adhesive strip. Press the alarm firmly against the window, door, or frame where you want to mount it. Hold the alarm in place for about a minute to secure it.
4. With the magnet's arrow pointing toward one of the engraved lines on either side of the alarm, repeat Step 3 to attach the magnet.





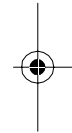
# OPERATION



## USING YOUR DOOR ALARM



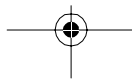
*Illustration that was on the front cover of the O/M with callouts to Key Switch and Mode Switch.*



A pair of keys is provided to operate the **Off/On** key switch. When the alarm



10

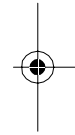
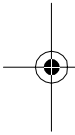




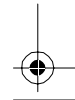
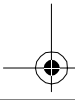
sounds, silence it by inserting a key and setting the key switch to **Off**.

### Instant Alarm

To arm the alarm while you are at home, set the mode switch to **Instant Alarm** and set the key switch to **On**.



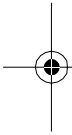
The alarm sounds if the secured door or window is opened and the magnet moves away from the alarm unit. The alarm continues to sound until you set the key switch to **Off**.



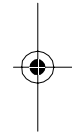


### Delayed Alarm

To arm the alarm when you leave the house, set the mode switch to **Delayed Alarm** and set the key switch to **On**.



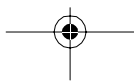
Once the switch is set to **On**, there is about a 15-second delay before the alarm is armed, giving you time to go out and close the door.



When you return home and open the secured door, you have about 12–18 seconds to disarm (turn off) the alarm. Otherwise, the alarm sounds until you set the key switch to **Off**.



12





## **CARE**

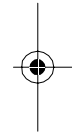
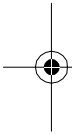
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To enjoy your RadioShack Door Alarm for a long time:

- Keep the alarm dry. If it gets wet, wipe it dry immediately.
- Use and store the alarm only in normal temperature environments.
- Handle the alarm gently and carefully. Don't drop it.
- Keep the alarm away from dust and dirt.
- Wipe the alarm with a damp cloth occasionally to keep it looking new.



Modifying or tampering with the alarm's internal components can cause a malfunction and might invalidate its warranty. If your alarm is not performing as it should, take it to your local RadioShack store for assistance.



## **SPECIFICATIONS**

Power Source ..... 9V Alkaline Battery

Operation Voltage ..... 7V Minimum

Current Drain at 9V:

Standby Mode ..... 0.03 mA Nominal  
(0.05 mA Maximum)

Alarm Sounding ..... 20 mA Nominal  
(30 mA Maximum)

Alarm Frequency ..... 2.9 kHz  $\pm$  25%

Alarm Cycle Frequency ..... 1 Hz  $\pm$  25%

Operating Temperature ..... 32–122°F  
(0–50°C)

Dimensions (HWD) .....  $5\frac{5}{32} \times 2\frac{5}{16} \times 1\frac{17}{32}$   
(131  $\times$  59  $\times$  38 mm)

Weight ..... 5.17 oz (146.6 g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and (Contin-



*(Continued)* products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

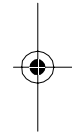
This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, Dept. W,  
100 Throckmorton St., Suite 600, Fort Worth, TX 76102

*We Service What We Sell*

3/97



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**A Division of Tandy Corporation**  
**Fort Worth, Texas 76102**



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