

## Wireless Door Chime

OWNER'S MANUAL — Please read before using this equipment.

Wireless Door Chime works as a doorbell or a remote pager. You can add an optional sensor so that a chime sounds when someone walks into a room. The chime is easy to install because it operates on battery power and requires no wiring.

### THE FCC WANTS YOU TO KNOW

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.

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.
- Consult your local store or an experienced radio/TV technician for help.
- If you cannot eliminate the interference, the FCC requires that you stop using your door chime.

**Warning:** 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.

### SETTING THE CHANNEL

The chime's receiver and transmitter communicate on a channel that you select. The chime's adjustable five-position channel switch helps prevent other transmitters or radio devices from sounding the chime.

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1. Remove the receiver's belt clip by pushing it in the direction of the arrow marked on the battery compartment door.
2. Remove the receiver's battery compartment cover by pressing down and sliding it in the direction of the arrow.
3. Set the channel switch inside the compartment to 1, 2, 3, 4, or 5.

**Note:** If your door chime occasionally sounds for no apparent reason, another device using the same frequency could be triggering it. Simply change the channel the door chime uses.

4. Pull the transmitter out of its holder.
5. Use a screwdriver to loosen the screws on the battery compartment door, then remove the door.
6. Set the channel switch inside the compartment to the same setting as the receiver.

**Note:** After you set the channel, you must install batteries in the transmitter and receiver. Do not replace the battery compartment covers until you install batteries.

## INSTALLING BATTERIES

The chime's transmitter requires a 12V GP 27A battery (not supplied). The chime's receiver requires two AA batteries (not supplied). For the best performance and longest life, we recommend RadioShack alkaline batteries.

1. Insert a 12V GP 27A battery into the transmitter's battery compartment as indicated by the polarity symbols (+ and -) marked near the battery compartment door.
2. Insert two AA batteries into the receiver's battery compartment as indicated by the polarity symbols (+ and -) marked inside the battery compartment.
3. Replace both compartment covers.
4. Set the receiver's ON/OFF switch to ON. Press the transmitter's BELL button to test the transmitter and make sure the receiver is receiving. The transmitter's battery indicator lights and the receiver's chime sounds.

### Notes:

- Use only fresh batteries of the required size and recommended type.
- Do not mix old and new batteries, different types of batteries (standard, alkaline, or rechargeable), or

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rechargeable batteries of different capacities.

- When the door chime stops operating properly, replace the batteries.
- If the chime's sound becomes weak or distorted, replace the receiver's batteries with fresh ones.
- If the transmitter's battery indicator does not light or becomes dim when you press the transmitter's BELL button, replace the transmitter's battery.

**Warning:** Dispose of old batteries promptly and properly. Do not burn or bury them.

**Caution:** If you do not plan to use the door chime for an extended period of time, remove the batteries. Batteries can leak chemicals that can destroy electronic parts.

## MOUNTING THE DOOR CHIME

Your wireless door chime comes with six screws (three long and three short) and three wall anchors to mount the transmitter, the transmitter holder, and the receiver.

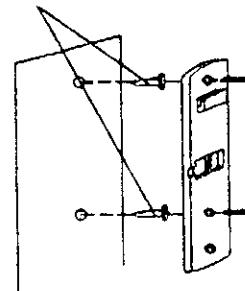
### Mounting the Transmitter and Holder

Mount the transmitter within 50 feet of the receiver. If the transmitter is

mounted too far from the receiver, the chime might not sound.

1. Use the holder as a template to mark the position of the screw holes at the mounting location, then drill two  $\frac{3}{16}$ -inch diameter holes at the markings.
2. Insert a wall anchor into each hole.

Wall Anchors



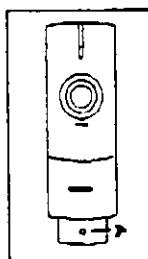
3. Align the holder with the holes, then use a screwdriver to drive two long screws through the holder and wall anchors. Do not overtighten.

**Note:** Use the two long screws that are identical (smaller head).

4. Align the slot on the back of the transmitter with the tab on the transmitter holder. Carefully push the transmitter onto the tab and slide it down to secure it.

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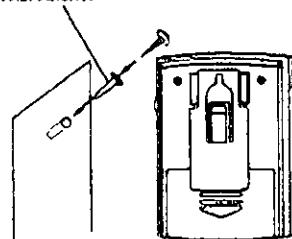
5. Insert a short screw through the hole on the lower edge of the transmitter and into the threaded holes in the holder.



### Mounting the Receiver

1. Mark the position of the screw hole at the mounting location, then drill a  $\frac{1}{16}$ -inch diameter hole at the marking.
2. Insert a wall anchor into the hole and drive a long screw into it, leaving about  $\frac{1}{8}$  of the screw exposed.

Wall Anchor



3. Slide the receiver over the mounted screw to secure it.

## OPERATION

1. Slide the receiver's ON/OFF switch to ON.
2. Press the transmitter's BELL button to sound the chime.
3. Slide the ON/OFF switch to OFF to turn off the chime.

**Note:** If the chime sounds when the transmitter's BELL button is not pressed, change the channel settings in the transmitter and receiver.

### As a Pager

Slide up and remove the receiver from its mounting location and carry it anywhere within about 50 feet of the transmitter. Press the transmitter's BELL button to sound the chime.

**Note:** Materials in the mounting surface and obstructions such as walls or metal cabinets might reduce the transmitter's range.

### As an Entry Chime

You can connect the transmitter to a normally open alarm sensor (not supplied) so the chime will sound whenever a person enters the room where the sensor is mounted.

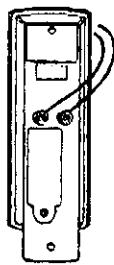
You need 2-conductor wire (not supplied) to make this connection. Your local RadioShack store carries a variety of alarm sensors and 2-conductor wire.



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1. Split the ends of the wire.
2. Connect the wire from the sensor's switch to the screw holes on the back of the transmitter using two of the supplied short screws. If the sensor you are using has both normally open and normally closed contacts, be sure to connect to the sensor's normally open contacts.
3. Set the receiver's ON/OFF switch to ON. Then trigger the sensor to test the chime.



**Note:** If you use a magnetic switch, be sure to keep the door closed most of

the time. Otherwise, the transmitter's battery drains in about a week.

## CARE

Keep the door chime dry; if it gets wet, wipe it dry immediately. Use and store the door chime only in normal temperature environments. Handle the door chime carefully; do not drop it. Keep the door chime away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

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

## SPECIFICATIONS

### Transmitter

Operating Voltage ..... 12V DC

Current at 12V DC ..... 9 mA (Maximum)

Carrier Frequency ..... 433 MHz

Operating Temperature Range ..... -4 to 140°F (-20 to 60°C)

Transmission Range ..... About 50 feet

Power Requirement ..... One 12V Battery (GP 27A)

Battery Life ..... About 1 Year

### Receiver

Operating Voltage ..... 3V DC

Current at 3V DC Standby ..... 0.6 mA (Maximum)

Current Drain During Signal Output ..... 160 mA (Maximum)

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Audio Power ..... 80 dB at 9<sup>13/16</sup> inches (249 mm)  
Operating Temperature Range ..... 32 to 109.4°F (0 to 43°C)  
Power Requirement ..... Two AA Batteries (2 x 1.5V)  
Battery Life ..... 160 Days at 5 Chimes Per Day

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