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**iChime**  
**“The Play Anything Doorbell”**



**INSTRUCTION MANUAL**

Revision 1.4a

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## INTRODUCTION

Batteries are required; install 4 high quality alkaline batteries. Since there is so little power required to operate iChime, the batteries will last quite a long time. It is important to use high quality batteries to prevent leakage or corrosion. We recommend against the “Heavy Duty” carbon type in favor of alkaline batteries.

Once the batteries are installed you can familiarize yourself with the operation.

## OPERATION

There are six categories and each category contains several different selections. The selections cycle on each press of the doorbell pushbutton. However, a single selection can be “locked” in to play each time the doorbell pushbutton is pressed. This is done by pressing and holding **PLAY** for a few seconds until a beep is heard.



In addition to the built-in factory recorded selections, each of the categories can have a user recording up to ten seconds each. User selections are enabled when the **BUILT-IN/USER** Switch is in the **USER** Switch position.

**Selector Switch:** This switch selects one of the six different categories.

**BUILT-IN/USER Switch:** This switch selects between the factory installed selections and the user recorded selections for both playback and recording.

**PLAY Button:** This button serves two functions. Pressing **PLAY** auditions the sound that will be played when the front doorbell pushbutton is pressed. Each time this button is pressed the next sound in the group is played. In order to lock in a single selection press and hold **PLAY** until a beep is heard and the last sound that was played will always play when the front door button is pressed. Pressing and holding **PLAY** again or playing a selection from another category will cause iChime to revert to cycling through the selections.

**RECORD Button:** This button is only active when the **BUILT-IN/USER Switch** is in the **USER** position. Press and hold **REC** and the audio from either the **MIC IN** input or **AUDIO IN** input will be recorded into the position indicated by the **Selector Switch**. The Red light next to the button will come on during recording. Release **REC** to stop the recording.

There is a total of 56 seconds of user recording time and a maximum of 20 second in any one location. To erase a location, press and release **REC** within about ½ second. iChime will beep indicating that it is erased.

**Volume Control:** Four position volume settings.

**MIC IN:** This input is a high gain audio input that is used for user recording. Excellent results can be obtained by holding the iChime product next to a speaker in order to record a user location.

**AUDIO IN:** This input is used to input directly from any audio source such as PC audio out or a portable music player. When an audio device is connected, it will be played through the iChime and the microphone input is disabled

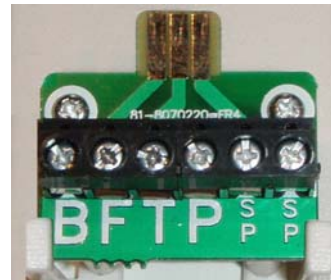
## INSTALLATION

Once you have familiarized yourself with iChime operation you are now ready to install the unit. The iChime product is compatible with doorbell systems that have a bell transformer as well as systems without a bell transformer. It is also compatible with lighted and non-lighted pushbuttons.

iChime comes with a backplate that attaches to the wall. The iChime product “slides” on to the backplate that provides the mounting and electrical connections. The iChime product may be mounted horizontally or vertically. Note that there are arrows depicting the top mounting position of the backplate for both horizontal and vertical mounting. Determine the orientation that is desired and mount the backplate on the wall using the 4 screw and anchors that are provided with iChime. Make sure that the wires protrude through the hole in the backplate so that the electrical connections can be made. Note that it is advised to mount the backplate on a flat surface and to positively attach all 4 screws to avoid vibration.

Become familiar with the electrical connections contained on the backplate.

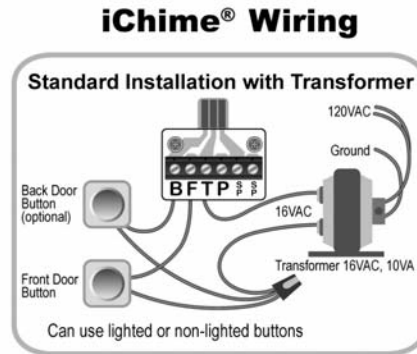
- B: Back door Button
- F: Front door Button
- T: Transformer
- P: Pushbutton for non-transformer operation
- SP: Auxiliary Speaker Connection
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You will need a small Phillips or Blade type screwdriver to connect the wires. Loosen the screw and insert the wire as show in the figure. Tighten the screw and tug slightly on the wire to ensure that the connection is secure.

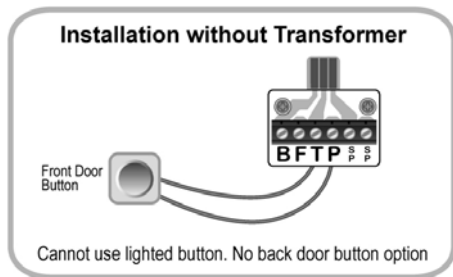
## INSTALLATION WITH A TRANSFORMER

Follow the wiring diagram on the backplate. If your existing doorbell has two wires, install one wire to the “F” terminal and the other wire to the “T” terminal. To test, slide the iChime product onto the backplate and press the doorbell button.



If you have a backdoor button, follow the wiring diagram. In this case there will be three wires to connect: “F” “T” and “B”.

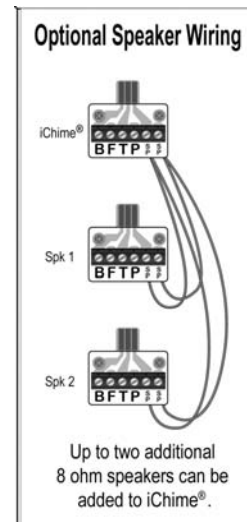
## INSTALLATION WITHOUT A TRANSFORMER



The iChime product does not require a standard bell transformer to operate. You can connect the doorbell pushbutton directly by connecting the wires to the “T” and “P” terminals. Follow the diagram located on the backplate.

## AUXILIARY SPEAKER

**Auxiliary Speaker:** The amplifier in iChime will drive two additional auxiliary speakers. Note that wires will have to be routed from the iChime backplate to the desired location for the auxiliary speakers. Connect the wires to the terminals labeled “SP” as in the diagram.



## **OTHER FEATURES**

### **Backdoor**

The backdoor button will always play “Beethoven’s Fifth” and cannot be assigned to any other built-in selection. You can however set iChime to play the user recorded audio that is contained in the last selector position. This is set by pressing and holding the back door button for at least 5 seconds. The iChime unit will beep once indicating that this feature has been selected. Each time the back door button is pressed the audio contained in user position 6 will be played. Note that something must be recorded in position 6 or a simple “Ding Dong” will be played.

### **Play Selection Twice**

You can have a selection play twice if desired. Once the desired selection is heard, press and hold **PLAY** on iChime for at least 8 seconds. After a few seconds iChime will beep once indicating that the current selection is to be played, continue holding **PLAY** and iChime will beep twice to indicate that the current selection is to be played twice. This feature is reset when the selector switch is changed and **PLAY** is pressed.

### **Default Ding Dong**

If iChime is set to **USER** but nothing is recorded, you will hear a beep when **PLAY** is pressed, but you will hear the default Ding Dong sound when the front door button is pressed. This is a safeguard so iChime will still act as a doorbell even if nothing has been recorded.

## TROUBLESHOOTING

**Q.** Why is it that when I press **PLAY** all I hear is a beep?

**A.** It is likely that the “Built in/User” Switch is in the user position and the user position has not been recorded. The solution is to switch to the built in selections or record a selection to be played.

**Q.** When I press **PLAY** why do I hear a beep then the selected tune?

**A.** This is a diagnostic that is indicating that the outside doorbell pushbutton is stuck in the closed position or the wires going to the doorbell pushbutton are shorted together.

**Q.** I have a front & back door. The front works but the back does not, why?

**A.** It is possible that the “F” and “T” wires are not on the proper terminals. With a front door only button it does not matter which wire is connected to the “F” and “T” terminals. Since the back door button shares a common connection with the transformer it may be as simple as switching the wires on the “F” and “T” terminals.

**Q.** How do I select just one sound effect from the group?

**A.** Press and hold **PLAY** until a beep is heard. The last effect played will be locked in until either **PLAY** is pressed and held again or a selection from another category is played.

**Q.** When I press and hold **REC** the red light does not come on, why?

**A.** Make sure it is switched to **USER**. If it still does not come on, maybe the memory is full. You will need to erase some other locations to make room.

## SPECIFICATIONS

- Batteries: 4 x AA Alkaline batteries
- Speaker: 8 ohms, 3 Watts
- Dimensions: 5" x 7 ¾" x 2"
- Mounting: Horizontal or Vertical
- Supports up to two 8 ohm Auxiliary Speakers

## **BUILT-IN SOUND LIBRARY**

Built-In sounds are grouped in six categories. The default sounds are shown below. The actual sounds in your unit may differ from this list.

### **CHIMES:**

Westminster 1, Arpeggio Bells, St. Michaels, Ding Dong 1, Westminster 2, Ding Dong Song, Whittier Chimes; Ding Dong 2

### **HOLIDAY:**

Good King Wenceslas, O Christmas Tree, Jingle Bells, Joy to the World, We Wish You a Merry Christmas, Carol of the Bells, Deck The Halls

### **HALLOWEEN:**

Sneaky Organ Music, Scream with Music, Sinister Laugh & Music, Beethoven's Fifth, Witch "Come in", Woman Screaming, Thunder, Wolf Howl, Witch Cackle, Butler Answers Door

### **FAVORITES:**

La Cucaracha, Dixie, Yankee Doodle, Call to the Post, Reveille, The Marine Hymn

### **FUN SOUNDS:**

Dog Bark, Hello Hello Hello, Rooster, "I'll Get It!", Cuckoo Clock, Cow Moo, "Some Ding-A-Ling", Horse Whinny, "Someone at the Door!", Duck Quack, Jazzy Music, Siren then Police Arriving, Vicious Dog Bark

### **SPECIAL OCCASIONS:**

Pomp & Circumstance, Happy Birthday, Wedding March, Auld Lang Syne , Happy Anniversary, Star Spangled Banner, Valentine's Song