

EXHIBIT A

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"Installation and Operating Instructions
Furnished to the User"

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Model D107 Wireless Door Sensor Chime *Instruction Manual*

Thank you for your purchase of a *Chimeplus* wireless chime product.

Features of your D107 Wireless Door Sensor Chime

- **Easy to install, need NO wiring**
- **2 notes high quality "Ding Dong" sound**
- **Up to 100 feet working range**
- **64 selectable house code**
- **Adjustable chime sound volume control**
- **User selectable electronic melody sound or Cathedral bell sound**
- **Chime (receiver) works with any other *Chimeplus* door chime push buttons and functions as normal door chime (built-in 5 different chime tunes)**
- **Installation instructions and mounting hardware kit included**

How the *Chimeplus* wireless chime system works

Your wireless door sensor chime system includes one sensor transmitter (with a magnet piece) and one chime receiver. The sensor is to install on to your door jamb. The magnet piece should be attached to the door. The chime can be simply plug-in to a standard wall AC outlet where you spending most of your time i.e. family room, kitchen etc.

All *Chimeplus* wireless chime products are compatible. Your sensor transmitter can work with other *Chimeplus* chime receivers, this lets you place multiple chimes throughout your home or yard. And, your chime receiver works with any other *Chimeplus* door chime push buttons and functions as normal door chime.

House Code (channel)

All *Chimeplus* wireless chime system units use digital encoding system for reliability and interference-free. By setting the units to the same digital code (channel), a push button (transmitter) can control several chimes (receivers). And several push button/transmitters can be used to activate one chime (receiver). **Your push button/transmitters and chimes must be set on the same house code (channel) to function properly.**

When the push button is pressed or the sensor transmitter is triggered. It transmits a digital coded radio (RF) signal and sensed by the chime receiver. Chime receiver read the signal and if the signal conform to the *Chimeplus* coding system the receiver will be triggered and chime. There are 64 selectable codes (channels) and can be set by the user.

All *Chimeplus* wireless chime systems are factory pre-set to the same house code (channel). When a new wireless chime is purchased, normally you just need to install as per instruction manual and can start using it right away. However, if the chime receiver chime by itself without having your push button pressed, there may be interference from

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other door chimes or wireless products in close proximity. In this case, you will need to reset the house code (channel) for a new channel on both the push button/transmitter and chime, or you may need to change if you want to re-set the chime receiver to match with other *Chimeplus* wireless chime system.

Tunes setting

Your *Chimeplus* chime receiver has built-in three tunes option, the 3 notes "Ding Dong Ding", 2 notes "Ding Dong" and 1 note "Ding". The tunes are obtainable by changing the tune setting configuration of the "tune option" jumper(s) from the push button. However, your new sensor transmitter is factory pre-set to 2 notes "Ding Dong" only and can not be re-set.

INSTALLING the sensor transmitter

Please note: The sensor transmitter must be mounted on to the door jamb. The magnet piece should be attached on the door.

- Before install the sensor transmitter on to the door jamb make sure the system is working properly.
 - 1/ Remove the transmitter back cover by inserting the tip of a small screwdriver in the slot at the bottom of the transmitter and then gently rock the back cover apart from its case.
 - 2/ Install the battery supplied according to the polarity (+/-) indicated on the battery compartment of the sensor transmitter.
 - 3/ Plug the chime receiver in to a standard AC wall outlet. Press the test button and the chime should sound.
- Locate the desired position where you want to install your sensor transmitter on the door jamb. (Do not mount the transmitter on a metal surface. Some door jamb have metal mesh inside the wood structure which may affect the wireless performance). To find the best location of the sensor/transmitter, hold the transmitter on the door jamb with one hand and the magnet with the other. Check the alignment with the small arrows on both the transmitter and the magnet. These two arrows must be pointing to each other. The edge (distance) between the transmitter and the magnet must be within $\frac{1}{4}$ " and not too far apart. If you find the location is acceptable. Stick the magnet with a double-sided tape instead of holding by hand. Slightly open the door and the chime should sound (or take the magnet away the chime should also sound).
- Use either screws (supplied) or double-sided tape to mount the transmitter and magnet. If you choose to use screw mounting. Position the transmitter back cover on the door jamb and mark the mounting surface with a pencil through the two holes in the back cover. Drill two $\frac{3}{16}$ " diameter holes at the previously marked area and fasten with two screws provided. Place the transmitter unit over the back cover so that the "lip" on the base engages into the "slot" on the back cover. Firmly press transmitter unit until it snap fits over the back cover. If attaching the transmitter and magnet using the double-sided tape, make sure the surface is clean and smooth.

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Plug-in Receiver INSTALLATION

- Plug the chime into standard outlet only.
- Press the test button of the sensor transmitter to make the chime sound.
- If it does not sound, follow the transmitter instruction manual to verify the transmitter is working properly.
- Set the chime volume on the back of the plug-in chime if desired.
- Change the slide switch setting to change the Melody or Cathedral Bell sounds if desired.
- When using the chime receiver with other door chime push button. If you want tunes change, please re-set the tune setting jumper(s) on the push button.
- The house code (channel) setting DIP switch is located on the back of the plug-in chime receiver, the setting are 1,2,3,4,5 & 6 in line from the top to bottom and are corresponds to the setting jumper(s) 1,2,3,4,5 & 6 from the top to bottom on the sensor transmitter. You can change the coding (channel) by simply moving one or more switches to the numbered (ON) position. There are 64 variations of switch combinations.

Changing House codes/Channels and Sounds

Note: Most installations will not require change of the house codes. However if you want to make changes to the factory setting. Follow the drawing shown below.

Note 1: Your receiver and transmitter must be set on the same house code (channel) to function properly.

Note 2: If the receiver sounds when your sensor transmitter is not triggered, there may be another chimes or interference from other wireless products in close proximity. In this case, please reset the house code (channel) on both the receiver and transmitter.

Information to user:

This device is FCC/IC approved. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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Troubles shooting

Chime doesn't sound or not work when installed:

- Make sure the house code (channel) setting on both the sensor transmitter and chime receiver are same.
- Make sure the batteries are installed on the sensor transmitter battery compartment properly.
- Don't mount the sensor transmitter on metal or near metal door jamb or studs. This reduces the transmitting range.
- Try different locations for the chime receiver closer to the sensor transmitter.
- As with any electronic product, the chime unit may not function properly when exposed to extreme temperatures. It is recommended to mount the sensor transmitter or chime receiver in an area where extreme temperatures are avoided.

Maintenance

- The chime receiver should not be used near water and should be kept dry. If the chime receiver get wet, wipe it dry immediately. Liquids may contain materials that can corrode the circuit.
- The sensor transmitter should only use the type of battery described in the operation manual.
- Handle the sensor transmitter and chime receiver carefully. Dropping it can damage the circuit boards and may cause the chime to work improperly.
- The battery should be taken out from the sensor transmitter when not in use for long periods of time.