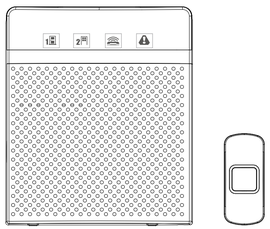
# USER MANUAL
# EchoChime300™
# WIRELESS Home Alert System





**MAINTENANCE**
- For best results, use good quality alkaline batteries.
- Always replace old or weak batteries.
- Keep doorbell dry. If wet, dry immediately.
- Do not use cleaning solvents on electronic products.
- Solvents contain chemicals that can damage circuitry. Use damp towel or cloth to clean. Dry immediately.
- Do not expose the bell unit to rain or immerse in water. It is not water resistant.

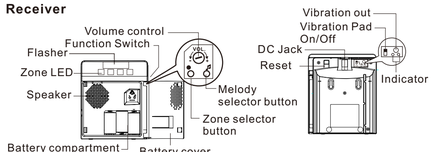
If the device is operated using a mains adapter, only use the Hearing Products International Ltd approved mains adapter. Do not use any other type of mains adapter.

**WARNING**
The user is cautioned that changes and modifications made to the equipment without the approval of Hearing Products International Ltd could void the user's authority to operate this equipment.
The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

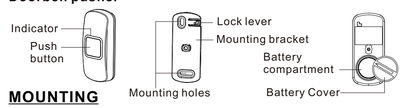


## PARTS & FUNCTION DOOR BELL

**Receiver**

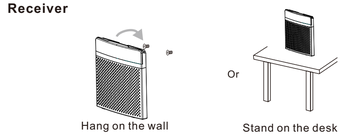



**Doorbell pusher**

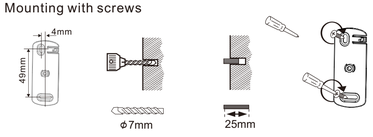



## MOUNTING

**Receiver**

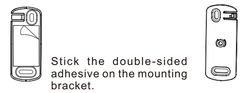



**Doorbell pusher**
Mounting with screws

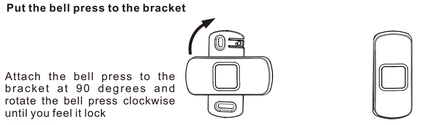





Mounting With Double-sided adhesive

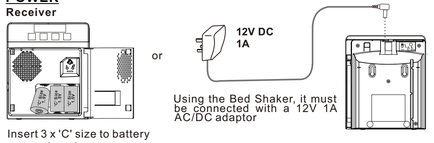



**Put the bell press to the bracket**




## POWER

**Receiver**



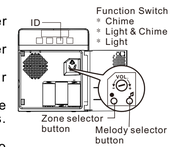

**Doorbell pusher**

1. Use the finger to unlock the lock lever
2. Rotate the bell press on the mounting bracket 90 degrees.
3. Remove the bell press from the mounting bracket.
4. On the bell press, rotate the battery cover using a coin.
5. Insert a CR2032 battery to battery compartment provided.
6. Close the battery cover using a coin.



## CODE PAIRING & MELODY SELECTION

PLEASE NOTE THE BELL PUSH AND CHIME ARE PAIRED AND READY TO USE.




Step 1: Insert battery to the transmitter to be used (bell push).
Step 2: Insert batteries to the receiver to be used (chime unit).
Step 3: Enter pairing mode for receiver (chime unit).
Press and hold the ● zone Select button for 3 seconds. The LED #1 will flash.
Step 4: Press the ● button again to move to the zone you wish to pair with. Press ♬ melody selector to scroll through the melodies. Once you hear your preferred melody, do not press again as it is now selected.
Step 5: Once the zone and melody are selected, press the bell push button once to pair. If successful, the receiver (chime) will generate a short tone. Press the ● button to exit pairing mode, the system is ready to use.

*To stop the Chime whilst it is alerting press the reset button*

## Clear the transmitter on the Chime memory

First, press and hold the ● button for 3 seconds to enter the pairing mode. Press the ● button to move to the zone which is to be deleted. Press and hold the ● and ♬ buttons together for 3 seconds.
The receiver will generate a tone to indicate the transmitter has been unpaired

## Change the melody in desired zone

First, press and hold the ● button for 3 seconds to enter the pairing mode. Press the ● button to move to the zone then press the ♬ button to select the melody required. Press the ● button until the pairing mode is exited.

## Battery low indicator

If a zone LED light is blinking, it indicates that the battery is low for this transmitter. You must replace the battery as soon as possible.
If the white flash at the top of the Chime blinks every 5 seconds, this indicates the receiver batteries are low. You must replace the batteries of the receiver.

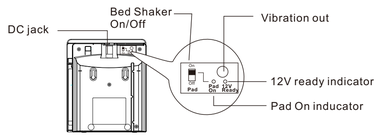


# BED SHAKER

## Part & Function

## Setup

This Bed Shaker must be worked with the Echochime 300 when using the vibration function.



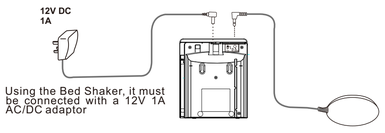

**DC jack:** If using the Bed Shaker , it must be connected with a 12V 1A AC/DC adaptor to this jack.

**12V ready indicator:** This indicator will light up, when the 12V adaptor is connected correctly.

**Bed Shaker on/off:** Slide this switch to turn on or turn off the vibration function.

**Pad on indicator:** If the Bed Shaker on/off switch is in the on position, this LED indicator will light up to indicate vibration function is ready.

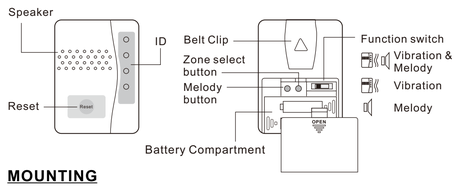
**Vibration out:** Plug the Bed Shaker to this jack.



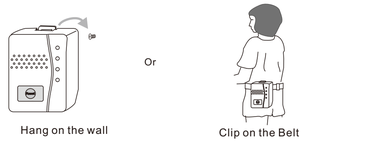



# VIBRATING PAGER

## PARTS & FUNCTION

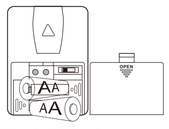



## MOUNTING




## POWER

1. Slide to open the battery cover
2. Insert 2 AA batteries
3. Close the battery cover.






## CODE PAIRING & MELODY SELECTION

PLEASE NOTE THE BELL PUSH AND CHIME ARE PAIRED AND READY TO USE.

Step 1: Insert battery to the transmitter to be used (bell push).
Step 2: Insert batteries to the pager
Step 3: Enter pairing mode for receiver (pager unit).
Press and hold the zone select button ● for 3 seconds.
The LED #1 will flash.

Step 4: Press the ● button again to move to the zone you wish to pair with.
Press ♬ melody selector to scroll through the melodies. Once you hear your preferred melody, do not press ● again as it is now selected.
Step 5: Once the zone and melody are selected with the zone icon flashing, trigger the transmitter once to pair. If successful, the receiver (pager) will generate a short tone. Press the ● button to exit pairing mode, the system is ready to use.

*To stop the Chime whilst it is alerting press the reset button*

## Clear the transmitter on the Chime memory

First, press and hold the ● button for 3 seconds to enter the pairing mode. Press the ● button to move to the zone which is to be deleted. Press and hold the ● and ♬ buttons together for 3 seconds.
The receiver will generate a tone to indicate the transmitter on this

## Change the melody in desired zone

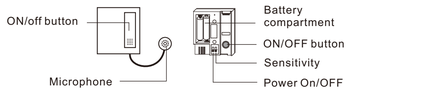
First, press and hold the ● button for 3 seconds to enter the pairing mode. Press the ● button to move to the zone then press the ♬ button to select the melody required. Press the ● button until the pairing mode is exited.

## Battery low indicator

If a zone LED light is blinking, it indicates that the battery is low for this transmitter. You must replace the battery as soon as possible. If the receiver beeps every 5 seconds, this indicates the receiver batteries are low. You must replace the batteries of the receiver.



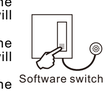
# SOUND SENSOR




## Battery Installation

**Turn ON and turn OFF**
This device has two ways to turn power on and off.
**Hardware ON/OFF** Slide the switch to ON or OFF position.
If the slide switch is OFF, you cannot use the software switch to turn on the power. If the unit is not in use for a long period, use the hardware switch to turn off the unit

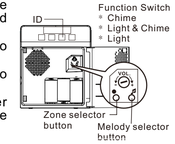
**Software ON/OFF** This allows the transmitter to be controlled externally.
Off: If the sensor is ON, press and hold the software ON/OFF switch 5 seconds, the LED will flash.
ON: If the sensor is OFF, press and hold the software ON/OFF switch 5 seconds, the LED will flash.
The sound sensor defaults to "ON" when the hardware switch is moved from OFF to ON.






## Code Matching & Melody Selection

The sound sensor works with the receiver (chime) and must be paired prior to use.



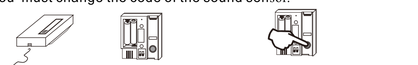

Step 1: Insert batteries in the sensor to be used.
Step 2: Insert batteries in the receiver to be used.
Step 3: Enter pairing mode for receiver (chime unit). Press ●and hold the zone selector button 3 seconds.
The LED #1 will flash.
Step 4: Press the ● button again to move to the zone you want to pair with.
Press ♬ melody selector to scroll through the melodies. Once you hear you preferred melody, do not press again as it is now selected.
Step 5: Switch on the sensor and speak into the microphone, the red LED indicator will light. If successful, the receiver will generate a short tone.
Press the ● button to exit pairing mode, the system is ready to use

## Operation

1. Open the cover.
2. Slide the power to the ON position,
3. Select the desired sensitivity low, mid, or high, this sets the level of sound required to trigger the transmitter.
4. Stick the microphone to the device you want to detect.

## Code Conflict

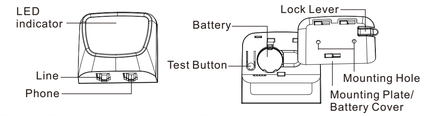
If the sound sensor coding and another transmitter is the same. you must change the code of the sound sensor.



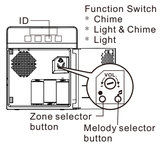

When you have changed the code of the sound sensor you will then need to re- pair the sound sensor with the receiver.

# TELEPHONE SIGNALER

## Part & Function




## Code Matching & Melody Selection




The telephone signaler works with the receiver (chime), and must be paired before using.

Step 1: Insert battery to the telephone transmitter.

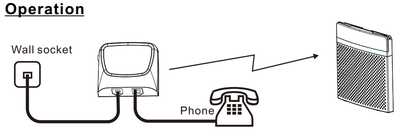
Step 2: Insert batteries to the receiver (chime).

Step 3: Enter pairing mode for receiver (chime unit). Press and hold the zone selector ● button 3 seconds. The LED #1 will flash.

Step 4: Press the ● button again to select zone with the telephone icon.
Press ♬ melody selector to scroll through the melodies. Once you hear the telephone sound, do not press again as it is now selected.

Step 5: Once you have selected the zone and sound, press the test button on the telephone signaler once. If successful, the receiver will generate a short tone. Press the ● button to exit pairing mode it is now ready to use.

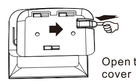
## Operation




Plug the telephone line into the telephone socket as the diagram.
The system is ready to use.



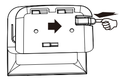
## Battery installation



Open the battery cover

Insert a CR2032 Battery

## Installation



Release the lock and slide to open the cover

Mark 2 holes on the wall using a pencil

Drill 2 holes follow the marking

Fix the mounting plate with screws provided

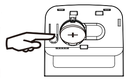
Slide the transmitter until hear a click sound

## Battery low indication

Once the transmitter unit detect battery voltage is low, The battery low information will be sent to the receiver for display

## Code Conflict

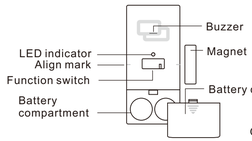
If the transmitter coding is the same as another transmitter you must change the code. When you have changed the code re-pair the transmitter is needed.
Open the cover, Open the cover. Press and hold the test button, insert the battery whilst holding the button for 5 seconds. The LED will flash 5 times when a new code is generated



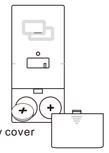


# MAGNETIC SENSOR

## Parts and Function

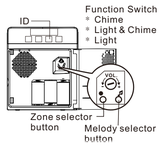



## Battery Installation



Open battery cover

## Code Matching & Melody Selection




The magnetic sensor works with the receiver (chime) and must be paired before using

Step 1: Insert batteries to the sensor.

Step 2: Insert batteries to the receiver (chime).

Step 3: Enter pairing mode for receiver (chime unit).
Press and hold the ● zone selector button 3 seconds.
The LED #1 will flash.

Step 4: Press the ● button again to move to the zone you want to pair with.
Press ♬ melody selector to scroll through the melodies. Once you hear your preferred melody, do not press again as it is now selected.

Step 5: Once you have selected the zone and melody, trigger the magnetic sensor by holding the sensor and magnet together, then move them apart.

If successful, the receiver will generate a short tone. Press the ● button to exit Pairing mode, the system is now ready to use.



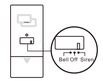
## Installation

Install two CR2032 batteries to the battery compartment.Remove the back paper of the double sided tape on the back of the unit.
Stick the alarm unit to the window/door frame and the magnet unit to the door/window by the side of the alarm unit.

When the magnet moves away from the alarm unit, the alarm or bell will be activated and send out a signal to the receiver (chime).

**Alarm Mode**
The alarm sound will automatically turn off within 15 seconds and sound again 30 seconds later if the door or window does not close.

**Bell Mode:**
The bell will generate a Ding Dong tone and sound again 30 seconds later if the door does not close.



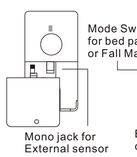

Using as alarm sensor: Slide the switch to siren position

Using as visitor sensor: Slide the switch to bell position



# SENSOR PAD TRANSMTTER

## Part & Function




## Battery Installation

The sensor pad transmitter works with the receiver (chime) and must be paired before using.

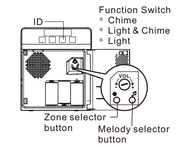
Step 1: Insert battery to the sensor.

Step 2: Insert batteries to the receiver (chime).

Step 3: Enter pairing mode for receiver (chime unit). Press and hold the zone selector ● button 3 seconds.
The LED #1 will flash.

Step 4: Press the ● button again to move to the zone you want to pair with. Press ♬ melody selector to scroll through the melodies. Once you hear your preferred melody, do not press again as it is now selected.

Step 5: Once you have selected the zone and melody, trigger the sensor pad transmitter by press the test button.

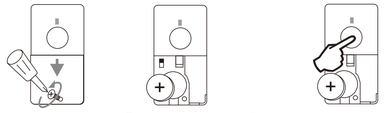



If successful, the receiver will generate a short tone. Press the ● button to exit pairing mode, the system is now ready to use.



## Code Conflict

If the sensor pad transmitter coding is same as another transmitter, you must change the code. When you have changed the code. re-pair the sensor pad transmitter.



Open the cover

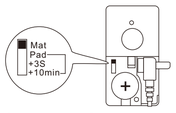


Remove the battery



Press and hold the test button, insert the battery whilst holding the button for 5 seconds. The LED will flash 5 times when a new code is generated

## Setting



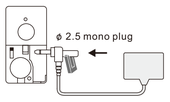

Open the battery cover and slide the switch to pad or mat position

Mat: for fall mat (normal open)
Pad: for Bed pad or chair pad (normal close)
+3S: Pad mode with 3 seconds delay
+10min: Pad mode with 10 minutes delay.

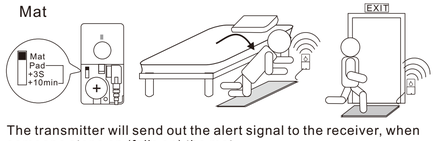
# OPERATION

**Connection**

1. open the battery cover
2. Connect the pressure pad to the transmitter
3. close the battery cover




Mat




The transmitter will send out the alert signal to the receiver, when someone steps on (falls on) the mat



Pad

When the patient has left the mat, the transmitter will send an alert signal to the receiver.

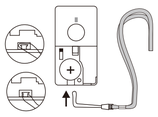
**Pad Delay Mode**

To prevent false trigger. you can slide the mode switch to Pad + 3S or Pad + 10min position. When the sensor is triggered, The timer will start. When the timer is over, the sensor will send the alert signal to ring the receiver. Pressing the Call/Test button once will stop the timer after trigger. This means the sensor will return to standby mode and does not ring the receiver.

*** The sensor pad transmitter can be connected to other types of sensor such as a switch.*

**Using as a call button**

1. Open the battery cover
2. Push the Lanyard into the gap
3. Pull the Lanyard to hold on the column

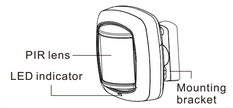


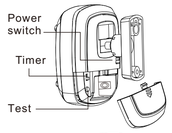
When the person needs help press the call button once.



# PIR SENSOR

## Part & Function




## Battery Installation

Slide to open the battery cover

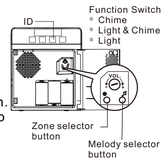
Insert a CR123A battery to the battery compartment.

The PIR sensor works with the receiver (chime) and must be paired before using

Step 1: Insert battery to the sensor.

Step 2: Insert batteries to the receiver (chime).

Step 3: Enter pairing mode for receiver (chime unit).
Press and hold the ● zone selector button 3 seconds. The LED #1 will flash.




Step 4: Press the ● button again to move to the zone you want to pair with.
Press ♬ melody selector to scroll through the melodies. Once you hear your preferred melody, do not press again as it is now selected.

Step 5: Once you have selected the zone and melody, trigger the PIR sensor once.
To trigger the sensor move your hand across the lens or press the test button inside the battery cover.
If successful, the receiver will generate a short tone. Press the ● button to exit pairing mode, the system is now ready to use.

## Test the Sensor

Insert the battery into the PIR detector, the PIR detector will start to detect motion automatically after 15 seconds. Walk to the front of the detector within 8m.
Once the motion has been detected, the detector will send out a trigger signal to the receiver (chime) then go into a sleep mode for 10 seconds. During this time it will not detect motion.

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