

## TRANSMITTER/BUTTON MOUNTING LOCATION (REQUIRED BY THE ADA)

- Outside the front door of the establishment on the latch side of the door.
- Mount the BigBell between 32" and 48" high (see below)
- The BigBell must be mounted in a location where it will be unobstructed by any barriers. A person should be able to approach within 3" of the Pushbutton without encountering protruding objects or standing within the swing of the door.

## MOUNTING HEIGHT (REQUIRED BY ADA)

Your BigBell must be mounted between 32" and 48" from the ground so that it is accessible for customers who use wheelchairs. The ideal height, as set forth by law, is 36".

## MOUNTING INSTRUCTIONS

1. Carefully separate top from the back plate.
2. Remove the three screws from inside the Pushbutton and retain for final assembly.
3. Position the back plate on the wall in the desired location and mark or scribe the center of the four mounting holes onto wall.
4. Drill 7/32" holes into the wall at the four marked locations.
5. Insert the plastic wall anchors into drilled holes.
5. Screw the back plate onto the wall.
6. Remove plastic strip in the battery casing to power unit.
7. Change melody to desired tone (see Changing Tone/Melody Selection).
7. Position the top enclosure on the back plate and reinstall the three screws.

## ALTERNATIVE MOUNTING METHOD

The BigBell Pushbutton can also be mounted to glass or other smooth surfaces with the enclosed double-sided tape and adhesive. Use the adhesive to adhere the Pushbutton to the glass or other surface utilizing the double sided tape as a temporary hold while the glue hardens.

## BIGBELL RECEIVER BATTERY INSTALLATION

1. For Battery Operation: Remove the battery cover on the back of the receiver. Insert 4 AA batteries in the correct orientation.
  2. For AC Power Operation: Plug the wall transformer into a 120 VAC outlet. Plug the power cord into the bottom of the receiver.
- AC operation is recommended.**

## BIGBELL TRANSMITTER BATTERY REPLACEMENT

To Replace Batteries, open cover of BigBell and carefully remove batteries (if they will not come out, narrow pliers or a screwdriver will help remove them)

Dispose of used batteries properly.

Replace with UL approved Type CR2032 batteries.

**CAUTION** - The batteries used in this device may present a risk of fire or chemical burn if mistreated. Do not recharge, disassemble, heat above 100 degrees Celsius (212 Fahrenheit), or incinerate. Replace with UL approved Type CR2032 3 volt only. Use of another battery may present a risk of fire or explosion.

## TROUBLESHOOTING TIPS

**PROBLEM:** Receiver does not sound when Pushbutton is pressed.

**SUGGESTION:** Verify that Pushbutton batteries are installed correctly and battery contacts are in the correct position. Try replacing batteries in receiver. Be sure the eight switch settings are all the same on Transmitter and Receiver (see privacy code section). Ensure that the receiver is mounted away from all objects that may cause interference. These items include: motors/engines, neon lights, dimmers, fans, and computers.

**PROBLEM:** Chime only plays one melody.

**SUGGESTION:** Press Scroll Button on inside of Pushbutton to change sound options.

**PROBLEM:** Receiver sometimes plays without anyone pressing Pushbutton.

**SUGGESTION:** If another BigBell is on the same frequency nearby, it could accidentally trigger your system. If this happens, change privacy code.

## MAXIMIZING OPERATING RANGE

The BigBell Max has an operating range of up to 1000 feet. However, transmission through concrete or heavy walls may diminish the signal and lessen operating range.

**IF YOU ARE OPERATING A BIGBELL IN A BUSINESS, GAS STATION, OR RESTAURANT WITH HEAVY MACHINERY OR METAL, YOU MAY NEED TO MOUNT THE RECEIVER ON A WINDOW USING VELCRO. IF YOU MUST MOUNT THE RECEIVER ON THE WALL, WE RECOMMEND MOUNTING IT SO THAT THERE IS AN INCH OF SPACE BETWEEN THE RECEIVER AND THE WALL TO REDUCE INTERFERENCE**

**In order to maximize range, the receiver should be placed or hung on a wall at approximately 6-7 feet in the air, with the unit facing in the direction of the Pushbutton**

**You may also wish to move the receiver to a location closer in proximity to the Pushbutton, meaning as close to the accessible entrance door (and installed BigBell unit) as possible.**

**You may also want to experiment with different locations for the Pushbutton to improve range.**

**If possible, do not place the Pushbutton or the receiver on a metal surface, as this will also diminish range.**

## LIMITED WARRANTY

The product you have purchased is guaranteed against defects in workmanship and materials for one year from date of purchase. If the product fails due to a manufacturing defect during normal use, return the product to the store where purchased for a replacement

OR send product to:

**Inclusion Solutions Customer Service**  
2000 Greenleaf Street, Suite 3  
Evanston, IL 60202

**Not Covered** - Batteries and other expendable items, repair service, adjustment and calibration due to misuse, abuse or negligence. Neither lost, damaged, or stolen BigBells are covered by this warranty. Unauthorized service or modification of the product or of any furnished components will void this warranty in its entirety. This warranty does not include reimbursement for inconvenience, installation, set-up time, loss of use, postage, unauthorized service, or other products used in conjunction with, but are not supplied by, Inclusion Solutions. All requests for replacement must include a dated sales receipt or Inclusion Solutions invoice (copies accepted) and this guarantee statement. **INCLUSION SOLUTIONS SHALL NOT BE LIABLE FOR LOST PROFITS, INDIRECT, SPECIAL, EXEMPLARY, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING WITHOUT LIMITATION ANY SUCH DAMAGES DUE TO IMPROPER WIRING OR MISUSE OF THE PRODUCT. INCLUSION SOLUTIONS ALSO SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES OR CONSEQUENCES OF LITIGATION BROUGHT UNDER THE AMERICANS WITH DISABILITIES ACT OR OTHER CIVIL RIGHTS LITIGATION.**

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, &
2. This device must accept any interference received, including interference that may cause undesired operation. This device complies with RSS-210 of Industry Canada.

If you have any questions or need further assistance, please call Inclusion Solutions toll free at 1-866-232-5487 or visit us at [www.inclusionsolutions.com](http://www.inclusionsolutions.com)

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Manual



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[www.InclusionSolutions.com](http://www.InclusionSolutions.com)

# Big Bell™

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Thank you for purchasing the BigBell Max System. Your first step in becoming accessible to people with disabilities, this alert system is designed to meet the standards set forth by the United States Government in the Americans With Disabilities Act. It is essential that the BigBell be properly installed and maintained consistent with the requirements of the law.

## ENCLOSED YOU WILL FIND:

- BigBell “Pushbutton” Transmitter (Fig. 1A).
- BigBell Receiver (Fig. 1B).
- “Ring Bell Portable Ramp Available” Sticker (Fig 1D)
- Mounting Screws, (3) BigBell Case Screws



Fig. 1A



Fig. 1B



Fig. 1D

## TOOLS NEEDED:

- Small Phillips head screwdriver
- Drill with 7/32” Drill Bit
- Marking Pen
- Tape Measure

## Step 1

- Open back cover to transmitter by removing the 3 side screws.
- Pull out the battery protector tab as shown in Fig. 2.
- Remove cover from back of Receiver as shown in Fig. 3.

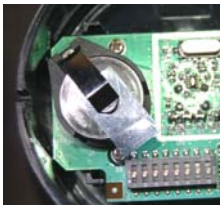


Fig. 2



Fig. 3

## Step 2

**IMPORTANT- Receiver and Transmitter switches must match:** Set the eight switches all to the same off position “orientation”, on the transmitter and receiver. The device should come this way from the factory, if not please set all switches to the off position as shown below. The off position is with switches down as in the picture below.

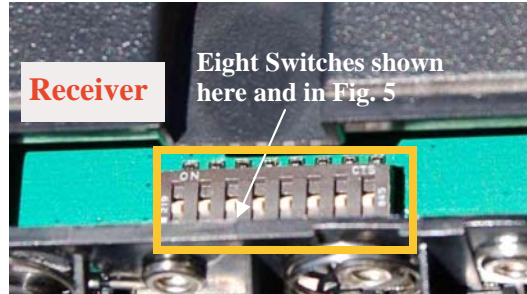


Fig. 4

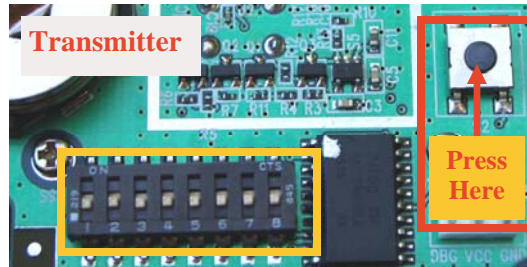


Fig. 5

## Step 3

- Plug in AC Adapter to receiver, **AC operation is recommended whenever possible.**
- Plug AC adapter into wall outlet.
- Press the BigBell Transmitter blue button: The red LED light should activate above the pushbutton and the receiver should chime and the strobe should flash. **Make sure the receiver Strobe switch is set to ON and the Volume is set to Hi (See Step 4).**

## CHANGING TONE/MELODY SELECTION

To change the tone or melody that you will hear when the BigBell is pushed, locate the small grey button on the back of the transmitter as shown in Fig. 5, in the red boxed area . Press the grey button once and the receiver will play the next selection. Press the button again to change the melody until you reach the melody you desire. **Important: Do not press the button again until the melody has stopped playing on the receiver.**

## FRONT/BACK DOOR CHIME OPERATION

If you have multiple BigBell Transmitters and wish to differentiate the front and back doors, scroll and set a different selection for each Pushbutton transmitter at each door. The tone/melody that is played allows you to determine which button was pressed.

## Step 4

### VOLUME CONTROL

Adjust loudness by moving the volume switch on the Receiver as seen below.



Fig. 6

**STROBE LIGHT** – To activate the strobe light function, make sure the Strobe switch is turned to ON as seen above.

## Step 5

### RECORDABLE MESSAGE

You can record your own message of 4 seconds by pressing the record button on the back of the receiver as shown in Fig. 7. **Press and release** the record button and speak loud and clear. The red Record LED will light during recording as shown in Fig. 6. To set the system to your message rotate through the melodies until you get to your recorded, message with the grey button shown in Fig. 5.



Fig. 7

### PRIVACY CODES on Transmitter and Receiver

It is not necessary to change the privacy code (the eight switch positions) unless interference occurs (ghost rings, intermittent signal, etc). If, for example, several businesses near yours have also purchased a BigBell, you may encounter interference. If you need to change the code **Remove batteries from Receiver.** Use a pen to change the DIP switch settings to a different code. **Locate the DIP switch on the Pushbutton Transmitter** Using a pen, change the DIP settings to the same as on the receiver. **Install batteries back in receiver.**

**Note:** It doesn't matter which switches you change, but be sure that the receiver and transmitter switches match. If the switches do not match, the ADA BigBell will not work.

**IMPORTANT: EVERY TIME A SWITCH IS CHANGED ON THE RECEIVER, THE CORRESPONDING SWITCH MUST BE CHANGED ON THE PUSHBUTTON TRANSMITTER.**

**Suggestion:** Begin by changing just one switch on the Receiver and the same switch on the Pushbutton. Test to see if the problem is eliminated. If the system is still not working properly, try setting another switch.