

**Big Bell**  
ADA  
**Inclusion Solutions**  
**ADA Accessible BigBell XL**  
www.InclusionSolutions.com  
1-800-971-8281

Thank you for purchasing the BigBell - 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
- Chime Receiver
- Sticker Set
- Four screws and wall anchors
- Glass Adhesive with double sided tape

**TOOLS NEEDED:**

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

**MOUNTING LOCATION  
(REQUIRED BY THE ADA)**

- Outside the front door of the establishment on the latch side of the door.
- Mount the BigBell at street level.
- 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 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 preferred.

**TEST**

Once the BigBell has been mounted the system should be tested to ensure it is working properly.

1. Plug the Basic receiver into the desired outlet.
2. Press the BigBell: The red LED light should activate on the pushbutton and the receiver should chime.

**CHANGING TONE/MELODY SELECTION**

If you would like a different tone or melody to play when the BigBell is pushed there are a number of unique options.

1. Remove the top section of the Pushbutton by removing the three screws.
2. Locate the small grey button to the upper right of the battery casing. The button is framed with a piece of silver.
3. To change tone or melody, press the grey button once. The receiver will play the next selection.
4. Continue to press the button to change the melody.

**Note:** If you change songs or tones too rapidly, the Receiver will not play each selection. Only the last melody or tone selected will play. Selecting while Receiver is playing will switch system to new setting, but Receiver will only finish playing tone or melody already in progress.

**FRONT/BACK DOOR CHIME OPERATION**

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

**VOLUME CONTROL**

Adjust loudness by moving the volume switch on the Receiver.

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

**BATTERY INSTALLATION --  
PUSHBUTTON**

1. 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)
2. Dispose of used batteries properly.
3. 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 on chime and/or receiver. Be sure frequency is the same on Button 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 (see below).

**TO CHANGE PRIVACY CODES**

It is not necessary to change the privacy code 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:

1. Remove batteries from Receiver
2. Use a pen to change the DIP switch settings to a different code.
3. Locate the DIP switch on the Pushbutton. Using a pen, change the DIP settings to the same as on the receiver.

**Note:** It doesn't matter which switches are set, 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 SET ON THE RECEIVER, THE CORRESPONDING SWITCH MUST BE SET ON THE PUSHBUTTON.**

**Suggestion:** Begin by setting 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.

**MAXIMIZING OPERATING RANGE**

The BigBell has an operating range of up to 1000 feet under ideal circumstances – normal operation is in excess of 300 feet.

However, certain materials, such as transmission through concrete or heavy walls may diminish the signal and lessen operating range, just as with a cell phone.

- 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 in proximity to the Pushbutton but 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 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**  
6909 N. Western Ave  
Chicago, IL 60645

**Not Covered** - Batteries and other expendable items, repair service, adjustment and calibration due to misuse, abuse or negligence nor 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)