

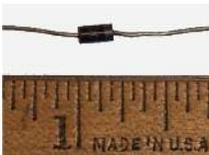
# iChime Power Options

Rev 1

**iChime can be powered from 4 AA alkaline batteries or from a standard bell transformer.**

We recommend that you install 4 alkaline AA batteries in iChime. Most people will want to slide iChime off its wall plate for recording their own sounds and for setting up iChime to play their desired sounds. Batteries are required in order to do this. In addition, having batteries installed provides power to iChime when someone presses your doorbell button. In normal usage, the batteries will last for years. Virtually no power is used except for the few seconds when a sound is being played. Having batteries in your iChime make installation simpler as well.

However, since iChime is a wired product, it is possible to power iChime from a standard bell transformer only. The benefit is that batteries are not required and you never have to worry about them wearing out. The drawback is that iChime will not function if you remove it from the wall for recording a new sound.



Typical IN4001 Diode

In order to power iChime from a bell transformer, you will need to use a small electronic component called a "diode". A typical diode is pictured to the left, and is about 1/4" long with wires coming out of each end. The diode allows power to be supplied to iChime. A diode can be supplied for free with your purchase.

The diode needs to be installed on the back of the pushbutton out by the door, as shown on the picture to the right. The diode is marked with a band on one side. The banded side of the diode has to be connected to the wire leading to the "F" terminal. If it is not possible to determine which wire goes to the "F" terminal it is OK to guess and test to see if the operation is as expected. Installing the diode backwards will not damage the chime or the diode. To install the diode, remove the front doorbell pushbutton from the wall, loosen the two screw terminals and wrap the wires from the diode around each one. Then tighten the screw terminals and test the operation. After confirmation, reinstall the pushbutton to the wall.



A full installation diagram complete with diode is shown on the picture to the right.

It is important to NOT use the "P" terminal on the iChime wallplate in this type of installation.

