

Wiring the YourBell in Parallel with an Existing Door Chime

This quick example shows how to wire a YourBell to an existing door chime so that both share the same transformer and button. It is important that the transformer is able to accommodate both devices. Given a generic door chime a transformer rated at 16VAC and 10VA should work.

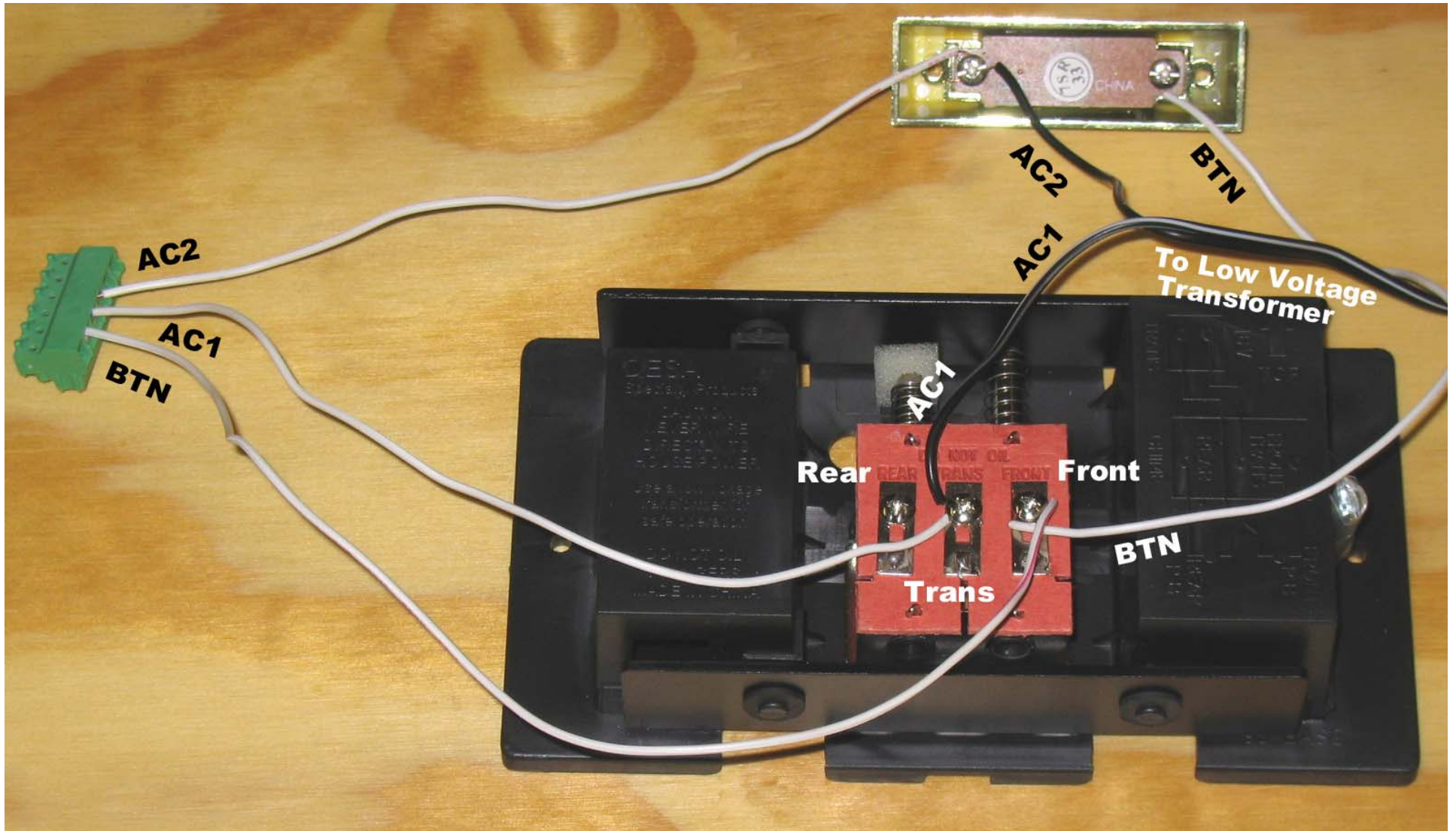


Figure 1.

Referencing Figure 1 :

The 2 black wires are the 2 wires coming from the low voltage transformer. The wire that goes to the screw terminal labeled “TRANS” has been named AC1. The other transformer lead is called AC2. The wire that goes from the door button to the screw terminal labeled “FRONT” has been named BTN. So the original installation will have AC1 from the transformer wired to screw terminal labeled “TRANS”. The second transformer wire, AC2, is wired to one side of the door button. The other side of the door button is wired to the screw terminal labeled “FRONT”.

The Green connector labeling as seen in the back of the YourBell is as follows :

BTN

BTN ← Wired

AC1 ← Wired

AC2 ← Wired

BTN

BTN

To wire in the YourBell a wire from the screw terminal labeled “TRANS” will need to be connected to the green header on the pin labeled AC1 in the back of the YourBell. A wire will need to be run to AC2 on the green connector from the door button. Now run a wire from the screw terminal labeled “FRONT” to the green connector. This will wire in to the pin labeled BTN next to the pin labeled AC1.