



## HOW TO INSTALL A DOOR CHIME

Described below is the most common method used in installing a 2-note door chime which is the most popular type.

1. Install a junction box in a location where it will ALWAYS be accessible and located so that the transformer, once mounted to the blank metal cover and then to the junction box, is unobstructed and will always remain open to the air.
2. Run a 2-wire with ground Romex cable from nearest lighting circuit as a power supply. This wire should be the same size as that used in the circuit to which you connect.
3. Mount bell transformer onto a metal box cover.
4. Using approved wire nuts, connect one transformer lead to the black and the other lead to the white wire of the power supply.
5. Using a ground clip, attach the ground wire to the box (if metallic) or to the box cover (if non-metallic box was used).
6. Attach the box cover with the mounted transformer to the box.
7. Run a 2-conductor bell wire from transformer to the chime location.

**NOTE!!** Do not put the low voltage bell wires inside the box with the high voltage supply wires. Use only insulated staples and be very careful while driving them as bell wire is easily damaged.

8. Connect the ends of the bell wire to the screw terminals on the transformer.
9. At the chime, connect the colored wire to the terminal marked "Trans."
10. Run a 2-conductor bell wire from the doorbell to the front door button location.
11. At the chime, fasten the colored wire to the terminal marked "Front."
12. At the button, connect one wire to each screw terminal.
13. Run a 2-conductor bell wire from the doorbell to the back door button location.
14. At the chime, hook the colored wire to the terminal marked "Rear."
15. At the button, connect one wire to each screw terminal.

16. At the chime, bare the ends of three white wires, twist them together, and connect them securely with a small wire nut.

**NOTE!!** A lighted door bell button requires NO special wiring or materials.

