



## DOOR CHIME INSTALLATION INSTRUCTIONS NEW INSTALLATION

### PLACEMENT OF THE COMPONENTS.

**Spend some time planning the location of all the parts in your door chime system.**

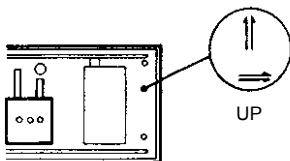
DOOR CHIMES are best mounted in a central location so they can be heard throughout the home. If it is to be a multiple chime installation, you may also want to plan for central locations, e.g., entryways, hallways second floor landings, etc.

For best appearance, locate your chime 78" above the floor line.

Door chimes are decorative, as well as functional. Place them at eye level as you would any picture or artwork.

### HOW TO

**TO CHECK PUSH BUTTON OPERATION** remove button from wall. Disconnect both wires from button. Touch exposed wires together. If your chime sounds, the push button is defective. Replace with a new push button.



### PROPER CHIME MOUNTING

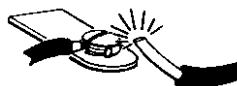
Door chimes can be mounted in either a horizontal or vertical position.

**TO CHECK TRANSFORMER OPERATION**, check to see that the fuse or circuit breaker is on. Then touch the two low voltage transformer terminal screws with a low voltage meter which should read no less than 13 volts. If you do not have a meter, touch the two screws with a screwdriver. A small spark indicates the transformer is operating. If no spark is evident, replace the transformer with another transformer.

**TO CHECK CHIME OPERATION** disconnect one wire from the chime. Have someone hold down the push button and touch the disconnected wire to the center screw terminal of the chime. A small spark will indicate the wiring and transformer are working

Most doorbells, buzzers or small chimes in use today operate on a 10 volt transformer which should be replaced with a 16 volt-10 watt type for superior sound volume

*Product specification subject to change without notice*



### NEW CHIME INSTALLATIONS REQUIRE TRANSFORMERS

## WARNING: TURN OFF HOUSE POWER

**BEFORE STARTING YOUR INSTALLATION OF YOUR TRANSFORMER. FAILURE TO DO SO MAY RESULT IN DANGER FROM ELECTRICAL SHOCK.**

TRANSFORMERS should be mounted on or near a junction box. They can also be mounted to the electrical service panels. Junction boxes utility rooms, crawl spaces, or basements are preferred. Avoid attack locations whenever possible.

Chimes operate best with a 16 volt, 10 watt, AC transformer (no.522). For multiple chime operation we recommend using a 16 volt, 20 watt, AC transformers (Nos 598). Failure to use a transformer with adequate capacity will result in loss of sound or may result in the system being inoperative.

PUSH BUTTONS are usually mounted in the same area of frontal reach as the door controls, at height of 36" to 44" above the doorsill.

### NEW INSTALLATIONS

1. Locate chime at eye level so it can be seen as well as heard.
2. **WARNING**  
**FOR TRANSFORMER OPERATION ONLY, TURN OFF HOUSE POWER BEFORE STARTING INSTALLATION. FAILURE TO DO SO MAY RESULT IN DANGER FROM ELECTRICAL SHOCK.**
3. Mount a (no. 522) transformer to a convenient junction box (attic location of recommended) or circuit breaker box.
4. Connect transformer wires to house power, one black transformer wire to one black house lead, the other black transformer wire to the white house lead. Using electrical tape and/or wire nuts, insulate each connection (separately). Attach green transformer wire to junction box, to ground wire or clamp to conduit.
5. Follow wiring diagram and run standard chime/bell wires from transformer and push button(s) terminals to chime. Label all wires - Front, Rear, Transformer
6. Pull wires through holes in chime base.
7. Use provided screws to mount base to wall
8. Connect transformer and push button wires to terminal screws marked Front, Transformer and Rear on the chime base.
9. Place chime cover securely over the base.
10. Restore power. Press push button(s) to test chime.

### FOR REPLACEMENT INSTALLATION

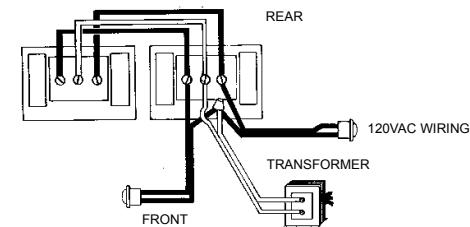
(not requiring a transformer change).

For replacement installation requiring a new transformer, follow additional steps 2 through 4 of New Installations).

1. Remove cover from existing chime and disconnect wires from terminal screws. Label all wires (Front, Transformer, Rear) as you remove them.
2. Remove existing chime base from wall.
3. Pull wires through holes in new chime base.
4. Use provided screws to mount base to wall.
5. Connect wires to terminal screws marked Front, Transformer and Rear on the chime base.
6. Place chime cover securely over the base.

NOTE: FOR LOUDER SOUNDING CHIME PERFORMANCE, A 20VA TRANSFORMER IS RECOMMENDED (MODEL 598)

### FRONT AND REAR DOOR INSTALLATION OF DIAGRAM OF MULTIPLES CHIMES



### FRONT AND REAR DOOR INSTALLATION DIAGRAM

