



# WURLITZER SERVICE SLANTS

YOUR QUESTIONS OR COMMENTS ON "SERVICE SLANTS"  
ARE WELCOME AT ANY TIME

WURLITZER SERVICE DEPT., NORTH TONAWANDA, N. Y.

**SUBJECT:** Installation of Wurlitzer Model 5220, 5220A, 5225 and 5225A Wall Boxes equipped with "Lockout" circuit.

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#### NOTE

The new Wurlitzer Model 5220, 5220A, 5225 and 5225A Wall Boxes are identified with a purple "L" rubber stamped on the chassis in six places.

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**INSTALLATION:** The new Wurlitzer Model 5220 and 5220A Wall Boxes were designed for use with the Wurlitzer Model 3500, 200 Selection Phonograph. The new Wurlitzer Model 5225 and 5225A Wall Boxes were designed for use with the Wurlitzer Model 3510, 100 Selection Phonograph. These Wall Boxes and the Wurlitzer Model 268 Stepper, used with appropriate Phonograph, incorporate a "Lockout" circuit which prevents selections being made from a Wall Box while any other Wall Box is in its selection cycle. At completion of selection cycle, the "Lockout" circuit drops out permitting selections to be made from any associated Wall Box.

When using a Wurlitzer Model 5220 or 5225 Wall Box with Phonographs not equipped with preselected program feature, the Golden Bar ( Top Tunes ) must be removed and the Cover Plate, packed with Wall Box, installed.

1. Stepper Requirements
  - a. The new Model 5220, 5220A, 5225 and 5225A Wall Boxes are designed to function in parallel groups of four. When using these Wall Boxes with appropriate Phonograph a Model 268 Stepper must be installed in the Phonograph. Stepper installation instructions are packed with the Steppers.
2. Booster Power Supply Requirements
  - a. Additional groups of four Wall Boxes may be operated by installing a Model 222C Booster Power Supply in the Phonograph for each group of four Wall Boxes installed. Booster Power Supply installation instructions are packed with the Booster Power Supplies.
3. Connect the cable from one group of four Wall Boxes to the WALL BOX terminal strip, located on the accessory terminal panel, on the Phonograph as follows:

| Model 5220 or<br>5225 Wall Box<br>Terminal No. |    | Model 3500 or 3510<br>Phonograph WALL<br>BOX Terminal No. | Wire<br>Color | Wire<br>Gauge | Function          |
|--|----|---|---------------|---------------|-------------------|
| 1  | to | 1   | Grey          | 20            | Pulse             |
| G  | to | G   | White         | 16            | Ground            |
| 2  | to | 2   | Red           | 22            | Top Tunes         |
| 3  | to | 3   | Black         | 16            | 24 Volts A.C.     |
| 4  | to | 4   | Yellow        | 22            | Speaker Ground    |
| 5  | to | 5   | Green         | 22            | Relay Ground      |
| 6  | to | 6   | Blue          | 22            | Channel "B" Audio |
| 7  | to | 7   | Violet        | 22            | Channel "A" Audio |
| 8  | to | 8   | Orange        | 22            | Wall Box Lockout  |
| 9  | to | 9   | Pink          | 22            | 10 Cents          |
| 10   | to | 10  | Tan           | 22            | 25 Cents          |
| 11   | to | 11  | Brown         | 22            | 50 Cents          |

NOTE: If making Model 5225 Installation, tape and stow both ends of Red wire.

| Model 5220A or<br>5225A Wall Box<br>Terminal No. |    | Model 3500 or 3510<br>Phonograph WALL<br>BOX Terminal No. | Wire<br>Color | Wire<br>Gauge | Function         |
|--|----|---|---------------|---------------|------------------|
| 1  | to | 1   | Grey          | 20            | Pulse            |
| G  | to | G   | White         | 16            | Ground           |
| 3  | to | 3   | Black         | 16            | 24 Volts A.C.    |
| 8  | to | 8   | Orange        | 22            | Wall Box Lockout |
| 9  | to | 9   | Pink          | 22            | 10 Cents         |
| 10   | to | 10  | Tan           | 22            | 25 Cents         |
| 11   | to | 11  | Brown         | 22            | 50 Cents         |

NOTE: Tape and stow unused wires.

Terminals 9, 10, and 11 in both Wall Box and Accessory Terminal Panel on Phonograph are for computer operation only. However, operations will not be affected if the Pink, Tan and Brown wires are connected to these terminals. If use of these wires is not required, tape and stow.