

## 62A CONTROL UNIT

### IDENTIFICATION, INSTALLATION, AND CONNECTIONS

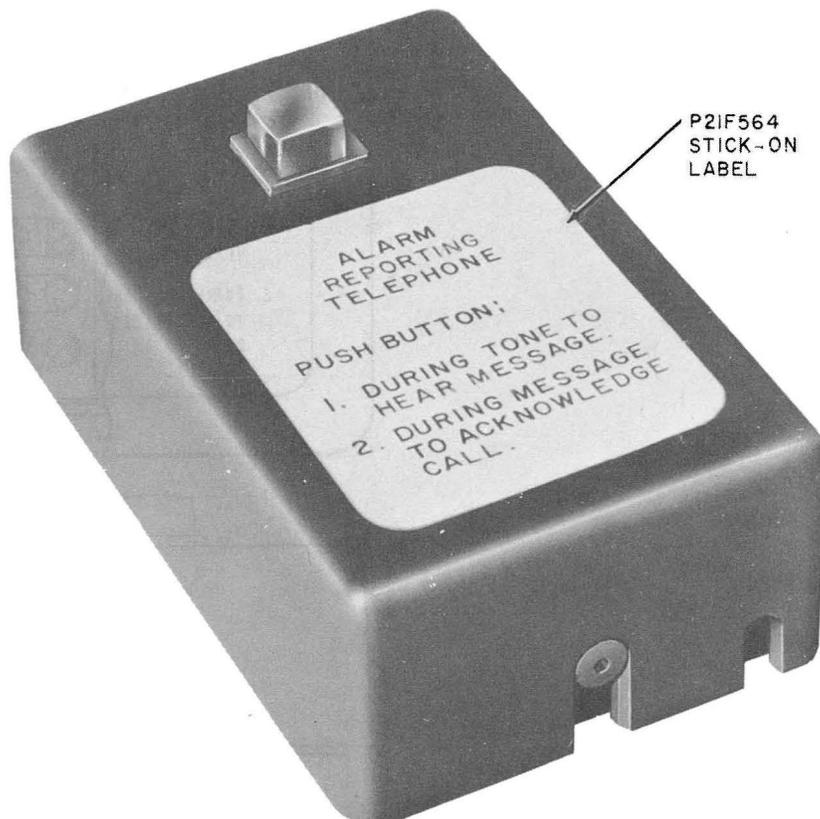


Fig. 1—62A Control Unit

#### 1. GENERAL

**1.01** The 62A control unit is a transistorized, 1475 cps oscillator intended for use with the control telephone, console, or switchboard which receives calls from a 1A or 1B telephone reporting set.

#### 2. IDENTIFICATION

**2.01** The control unit consists of an oscillator, polarity guard, and pushbutton switch mounted on a circuit board. The circuit board mounts on a steel base approximately 3-1/2 inches long by

2-inches wide. The assembly is covered by a plastic housing which has a stick-on instruction label.

**2.02** A screw-type terminal board inside the unit is arranged to terminate inside wiring or a 4-conductor mounting cord. The mounting cord must be ordered separately.

**2.03** When the control unit is connected to a telephone set, operation of the pushbutton switch:

- (a) Connects a resistance of 5600 ohms in series with the receiver to limit the output signal to a comfortable listening level at the receiver.

## SECTION 514-230-102

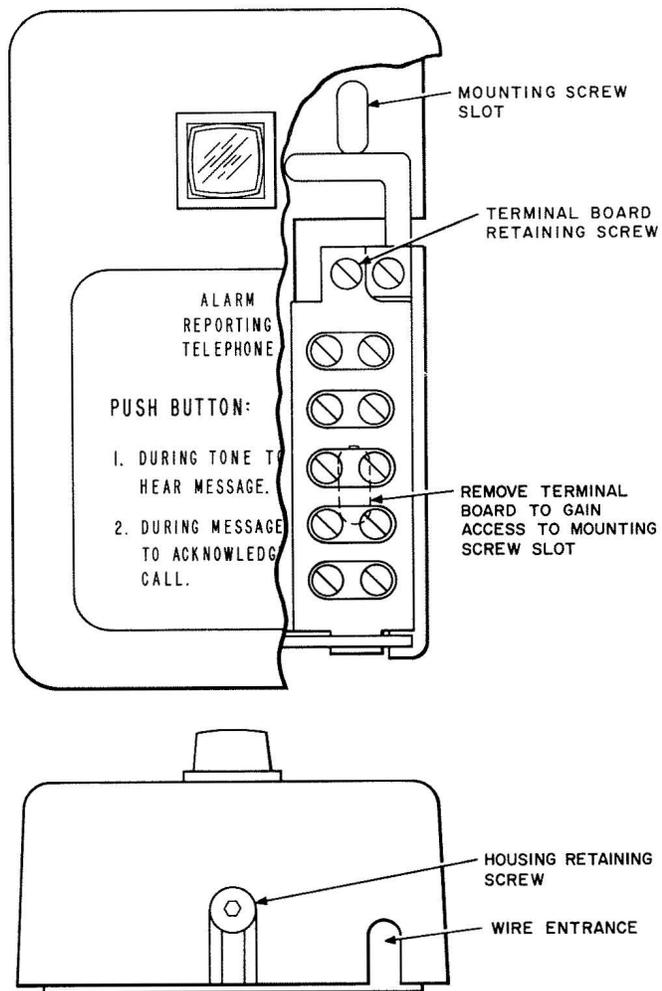
- (b) Opens the transmitter circuit and couples the oscillator output to the line.
- (c) Closes dc power to the oscillator from the line.

**2.04** The control unit will be produced in one color, light gray (-61). Other colors may be obtained by ordering a P-21F564 label and an appropriate colored housing, and changing the housing in the field. The housings are available in the following standard colors:

- P-84H503-Black
- P-84H551-Green
- P-84H556-Yellow
- P-84H558-White
- P-84H559-Pink
- P-84H560-Light Beige
- P-84H561-Light Gray
- P-84H562-Aqua Blue
- P-84H564-Turquoise

### 3. INSTALLATION

- 3.01** The control unit may be desk or wall mounted. Two mounting screw slots are provided in the base of the unit. To obtain access to the slots:
- (1) Loosen two housing retaining screws (Fig. 2), using appropriate wrench from C Key Kit, and remove housing.
  - (2) Remove the one terminal board retaining screw (Fig. 2) and remove terminal board.
- 3.02** Route mounting cord or inside wiring through entrance hole provided at one end of the unit.



**Fig. 2—Mounting Details**

### 4. CONNECTIONS

- 4.01** Refer to Fig. 3 when connecting control unit to station sets equipped with 425- or 4010-type networks.
- 4.02** Connections to other station equipment will be included in the attendant's position or telephone circuit in appropriate SDs.

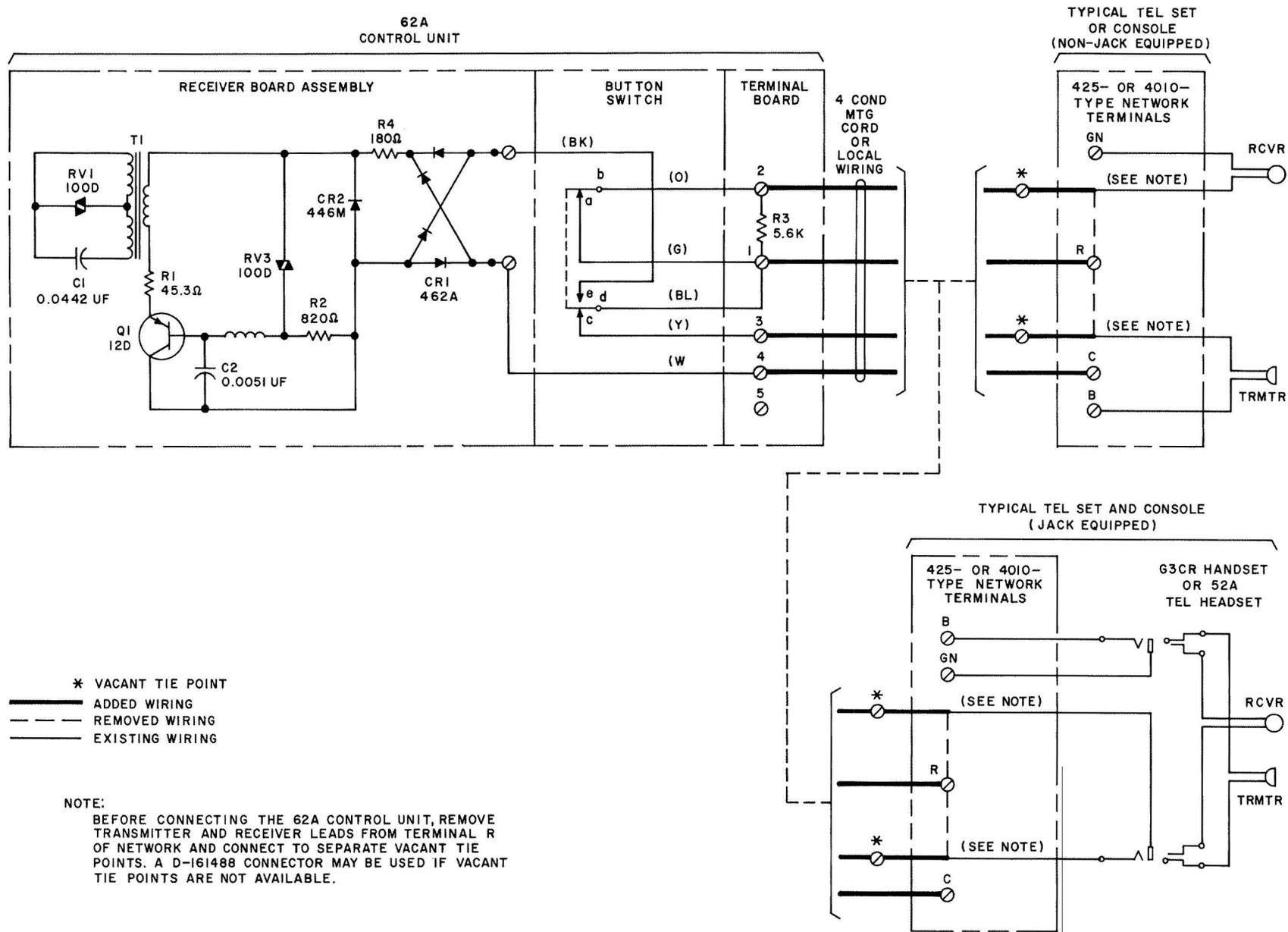


Fig. 3—62A Control Unit, Connections