CIVIL AIR DEFENSE WARNING SYSTEM

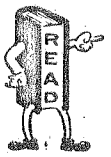
(CADW)

BELL AND LIGHTS

STATION EQUIPMENT — CONNECTIONS

1.00 GENERAL

This section covers the connections of station equipment at civil defense control points and warning stations.



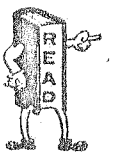
Because of the important function of the CADW system, no work of any kind shall be performed on the apparatus and equipment covered by this section without proper authorization.

2.00 F-50090 DIAL

Fig. 1 shows the method of terminating the mounting cord in the F-50090 dial. Inside wire takes the place of the cord on wall mountings.

3.00 STATION SIGNAL INDICATOR

3.01 Connections for audible and visual signals are shown in Fig. 2.



No rewiring of the station signal indicator is ever required. Restrictions on warning signals to be received at warning stations are controlled at the central office.

3.02 A signaling ground wire must be provided between each station indicator and the connecting block, protector, cable terminal, or other grounding point (except as indicated in 3.04).

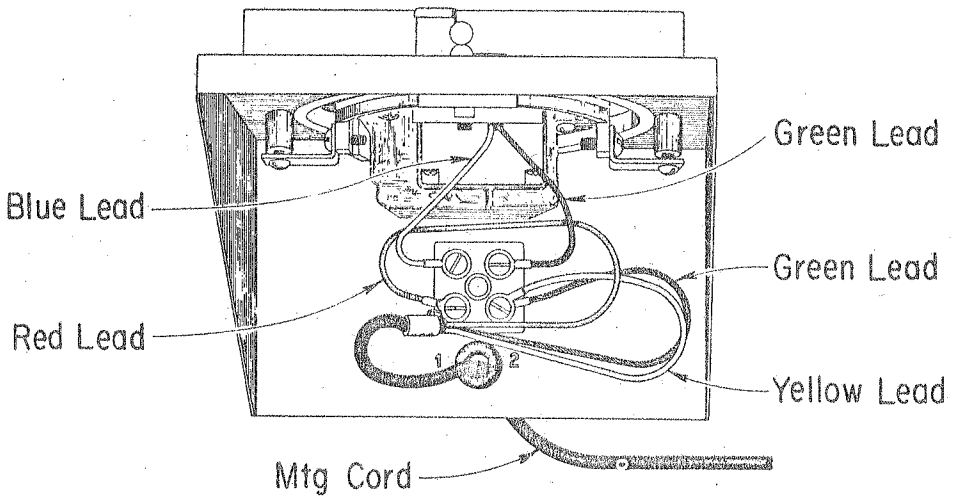
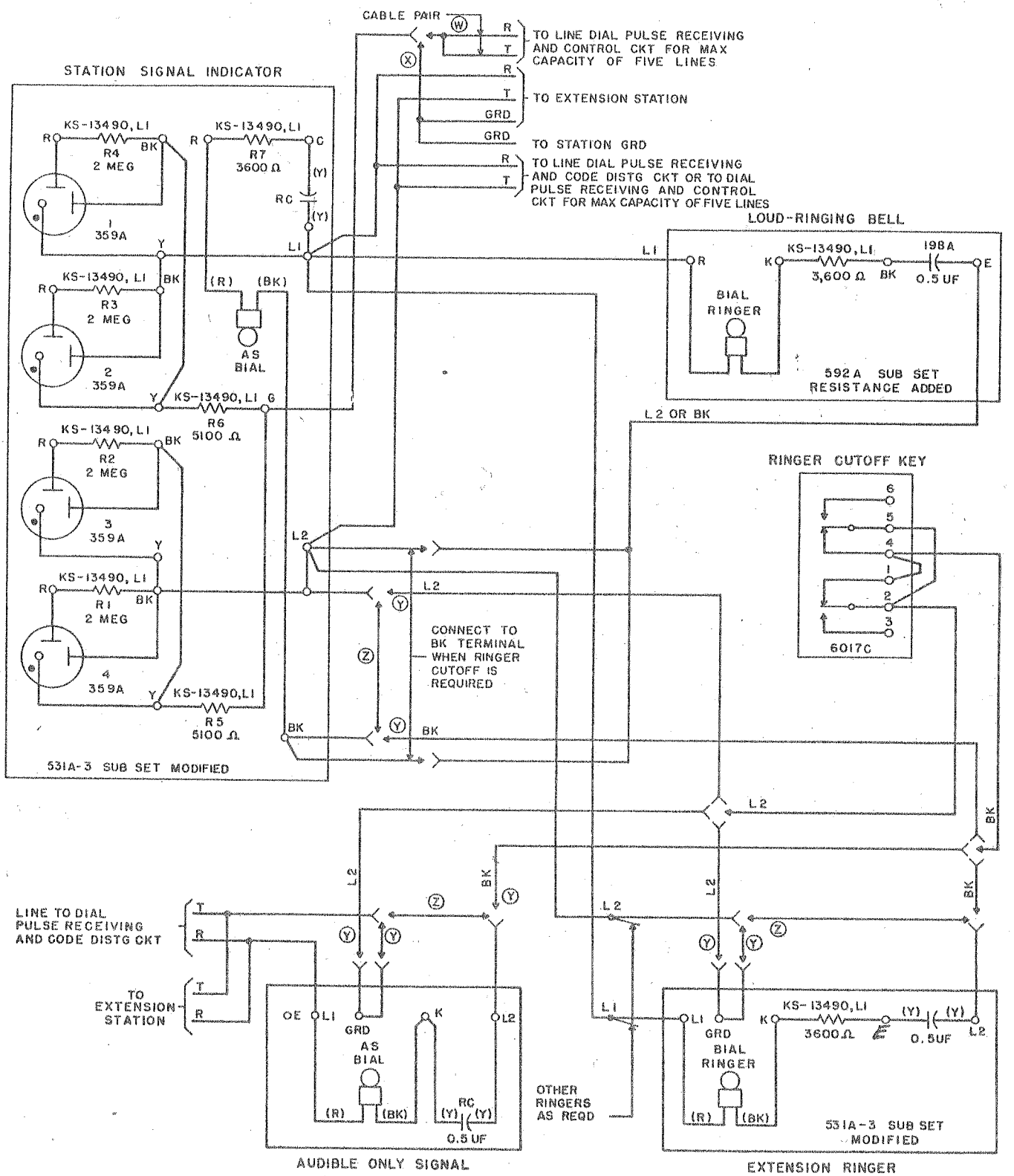


Fig. 1 — Terminating Mounting Cord



(W) Central office control equipment with single-line or 5-line capacity.
(X) Central office control equipment with 8-line or 50- to 200-line capacity.
(Y) Ringer cutoff required.
(Z) Ringer cutoff not required.

Fig. 2—Civil Air Defense Warning System, Connections

3.03 The signaling ground wire at the station signal indicator should be tagged to give the location of the ground connection.

3.04 Where the station signal indicator is controlled by a single-line or 5-line capacity unit at the central office, two cable pairs are assigned, one pair being used as a single conductor. In such cases, local signaling ground is not required.

4.00 PUBLIC SIGNAL CONTROL CIRCUIT (SIRENS)

4.01 The KS-16626, List 1 power relay set connects to a line as shown in Fig. 3.

4.02 At those stations where the line is to be placed under continuous test, KS-8512, List 6A resistor equipped with No. 241 terminals should be connected across line as shown in Fig. 3. Insulate exposed leads of the resistor with tape or tubular insulation.

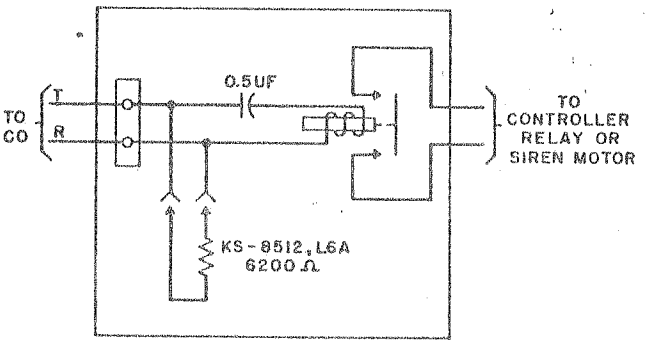


Fig. 3 — Modification of KS-16626, List 1 Power Relay Set