

BELL SYSTEM PRACTICES
Station Installation and Maintenance

ADDENDUM C55.162
Issue 2, Feb., 1955
AT&T Co Provisional

TELEPHONE SET

595 TYPE

DISTANT TALKING SET

1. GENERAL

1.01 This addendum supplements Section C55.162, Issue 1. It was previously issued to cover additional set codes for 595-type distant talking sets equipped with retractile handset cords. It is reissued to provide additional information pertaining to the KS-14964, L2 control unit, the 592-type sets with manufacturing dates of 11/54 and after (dates stamped on the bottom of set), and other current information. Due to extensive changes, marginal arrows have been omitted.

2. DESCRIPTION

2.09 Add the following sentence: The approximate power consumptions of the KS-14964 and KS-14964, L2 are: operating—8 watts; stand-by—0.6 watt for KS-14964, and stand-by—0.8 watt for KS-14964, L2.

2.11 Add the following paragraph: The 592-type sets with manufacturing dates of 11/54 and after have a double potentiometer, as compared to the single potentiometer of the previous sets. These sets also have two additional terminals (3 and 13) on the terminal strip, as shown in Fig. 12.

2.12 Add the following paragraph: Figs. 9 and 10 provide a means of identifying the KS-14964 control unit and the KS-14964, L2 control unit.

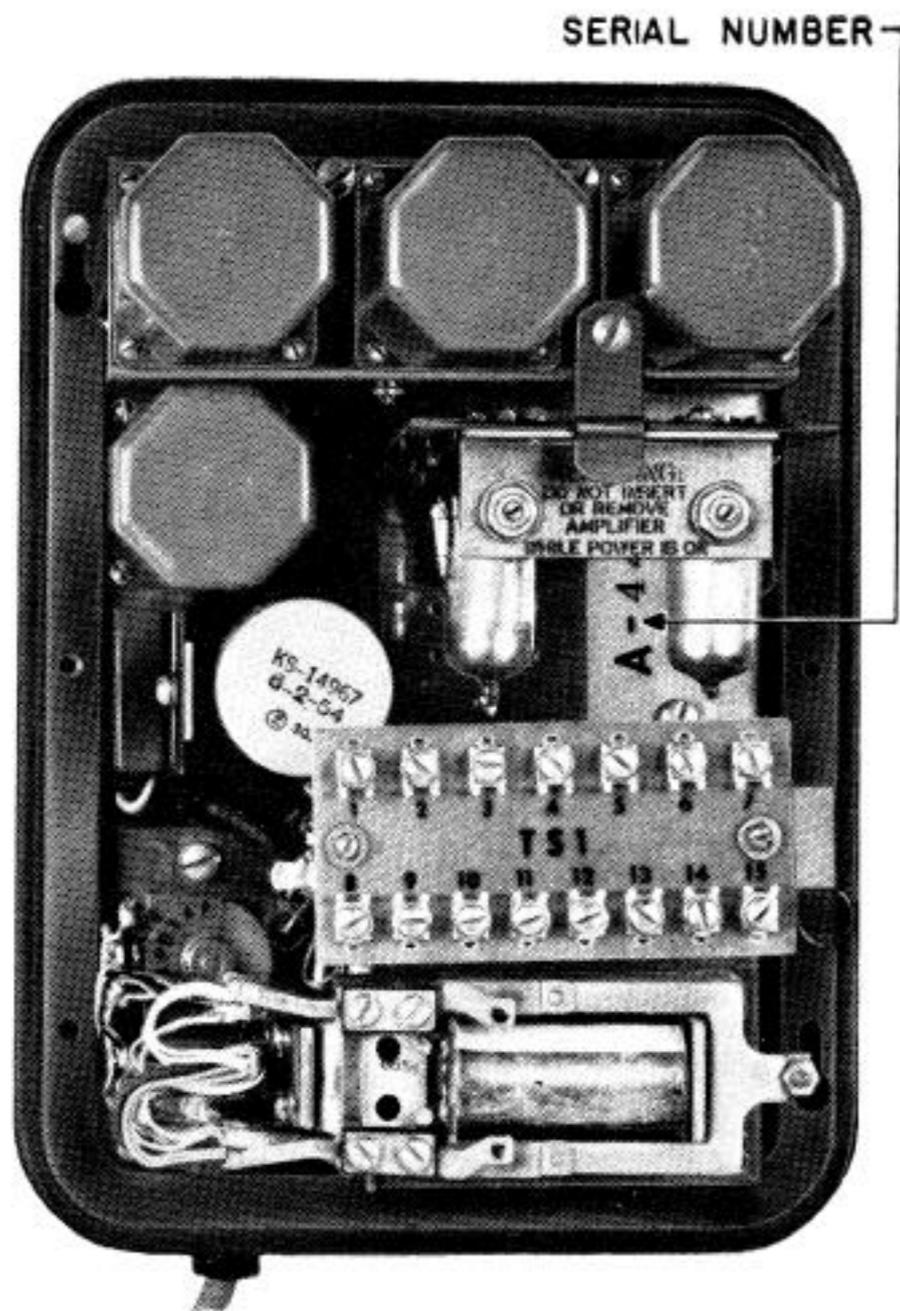


Fig. 9—KS-14964 Control Unit

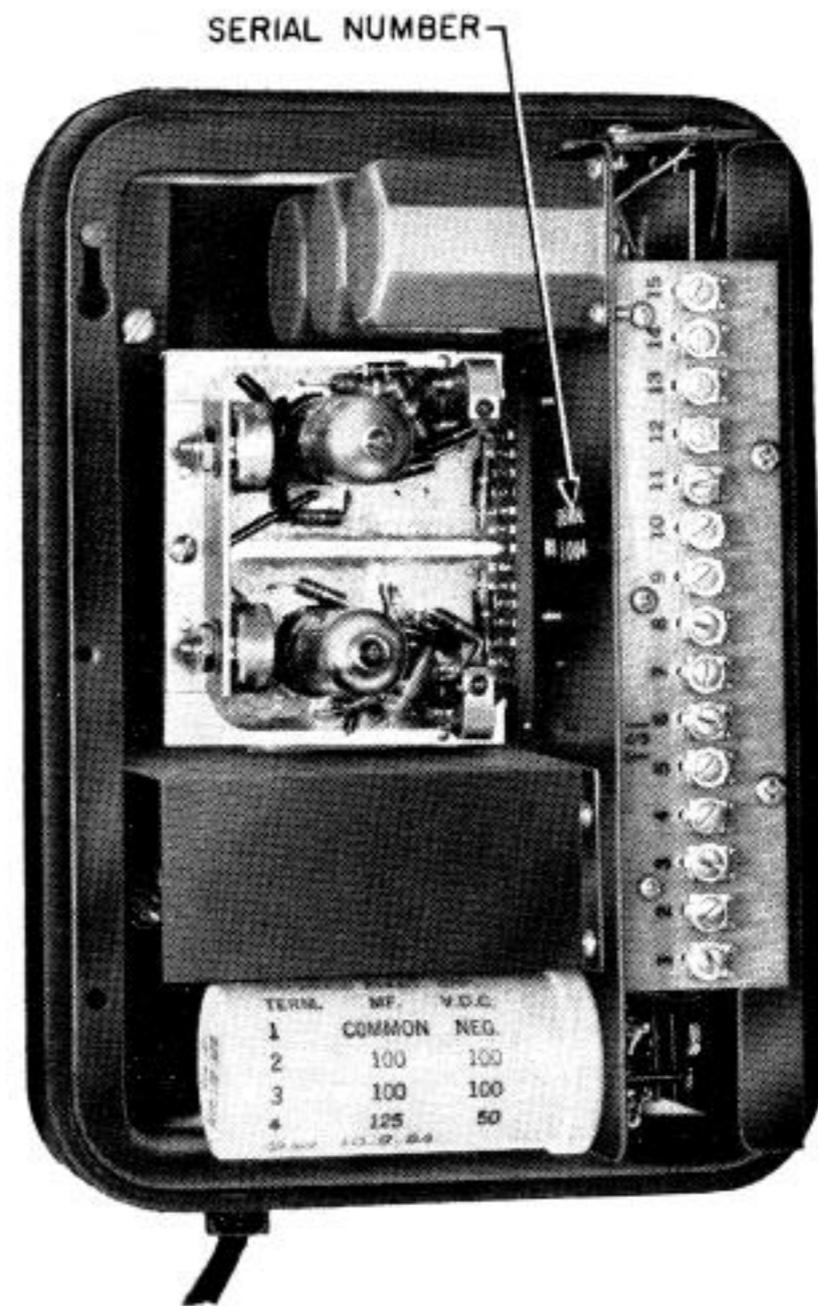


Fig. 10—KS-14964, L2 Control Unit

3. USE AND OPERATION

Change title of Fig. 5 to read as follows:
Fig. 5—KS-14990 Amplifier

4. INSTALLATION AND CONNECTIONS

4.05 Add sentence as follows: The code number of distant talking sets equipped with retractile handset cords is the same code number as sets equipped with standard-type handset cords except that the suffix R is added to the code number. For example: a 595A-3 telephone set equipped with a retractile handset cord becomes a 595AR-3 telephone set.

Change Note 2 in Fig. 7 to read as follows:

Note 2: Manual service

(a) Replace dial with 95B-3 apparatus blank

(b) Move green lead from "F" to "RR" on the network

4.10 Add the following paragraph:

(f) A separate cable must be run between the control unit and the telephone set connecting block. To avoid cross-talk and other interference, other lines or circuits must not be run in this cable.

4.16 Add the following paragraph: For connections of 592-type sets with manufacturing dates of 11/54 and after, use connection chart (Fig. 11).

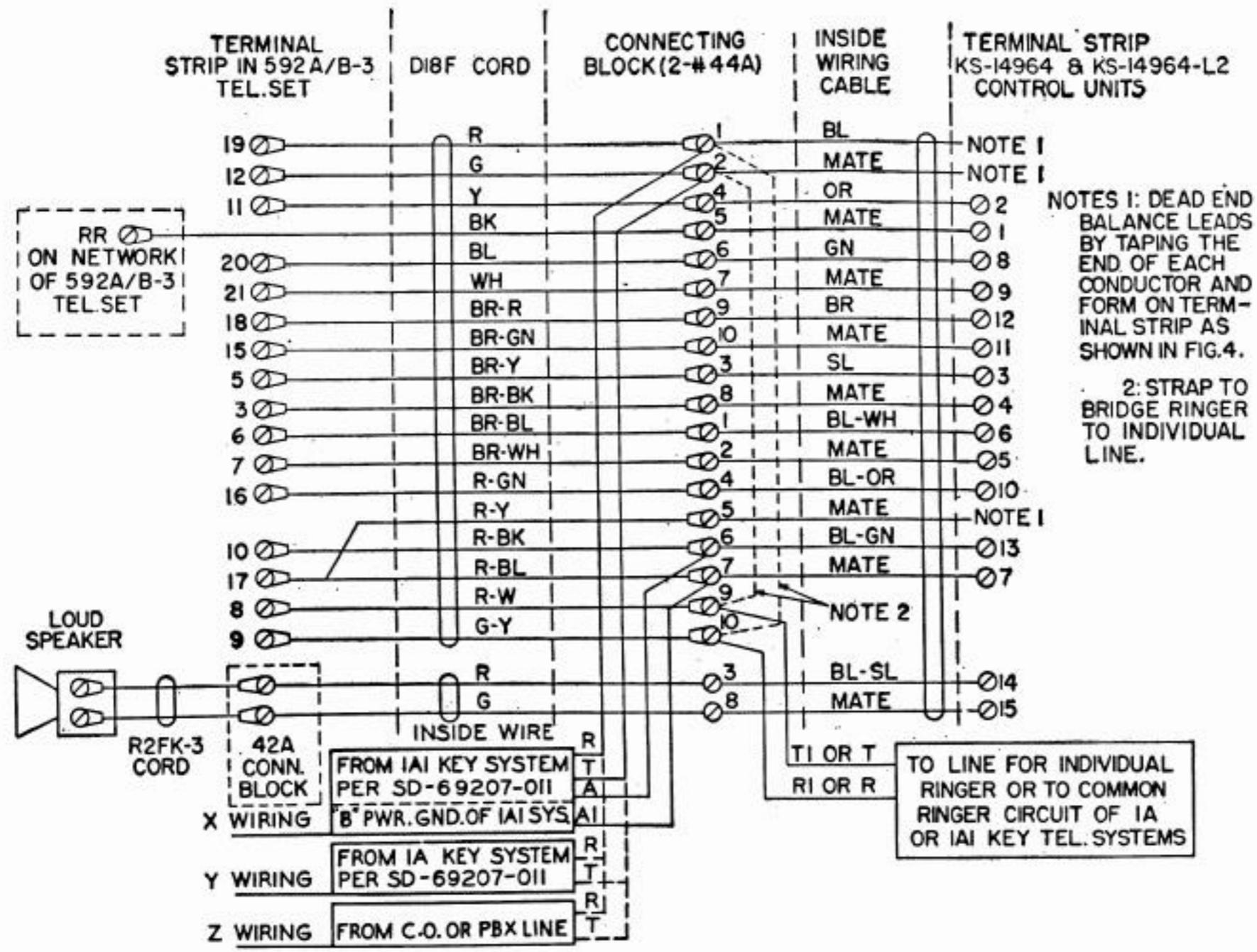
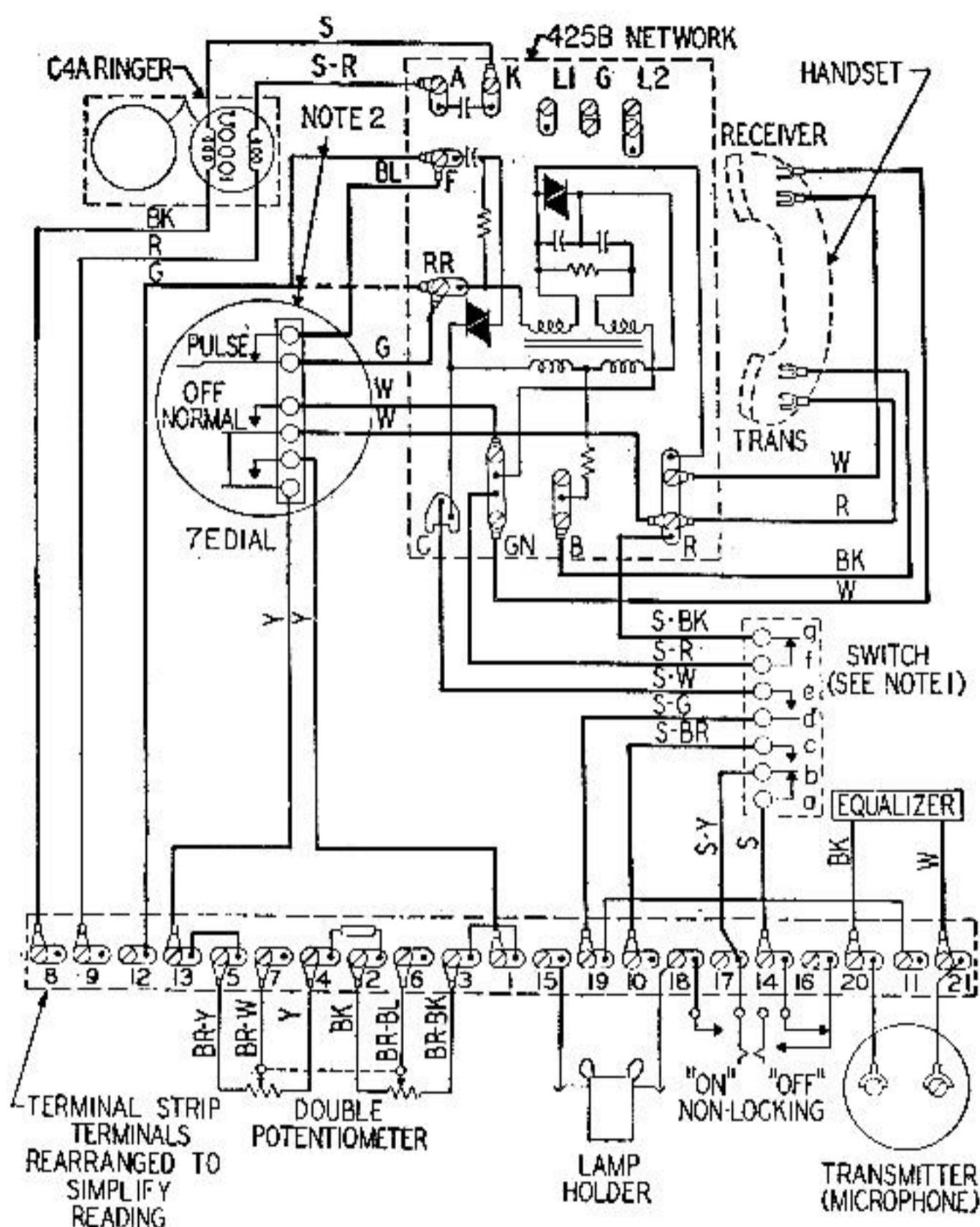


Fig. 11—592-type Telephone Set with Manufacturing Date of 11/54 and After—Connections



Note 1: Contact sequence

- (a) **Removing Handset**
 (1) cb closes before de
 (2) fg opens
- (b) **Restoring Handset**
 (1) fg closes
 (2) de opens before cb

Note 2: Manual service

- (a) Replace dial with 95B-3 apparatus blank
- (b) Move green lead from "F" to "RR" on the network

Fig. 12—592-type Telephone Set with Manufacturing Date of 11/54 and After—Wiring Diagram

5. MAINTENANCE

5.18 Add the following paragraph: **Transmitter volume control setting** of the KS-14964 control unit (all models not marked KS-14964, L2) was factory-set approximately 5 db higher than was necessary, as has been indicated by reports from the field. To correct this condition the following steps are required, using Fig. 13 as reference:

- (1) Check position of slot in adjusting screw which was adjusted and sealed with glyptal cement at the factory.
- (2) Insert screwdriver and turn slightly counterclockwise, approximately 20 degrees (about 1/16 turn), from original setting.

Note: Fig. 13 shows a typical original factory setting which is not necessarily the same as individual control units in the field. The adjustment is to be made starting from the original setting of each individual control unit.

5.19 The KS-14964, L2 control unit is being manufactured with the transmitter volume control adjustment 5 db lower than the original setting of the KS-14964 control unit.

SETTING TO REDUCE APPROX. 5DB → 20° ← FACTORY SETTING APPROX.

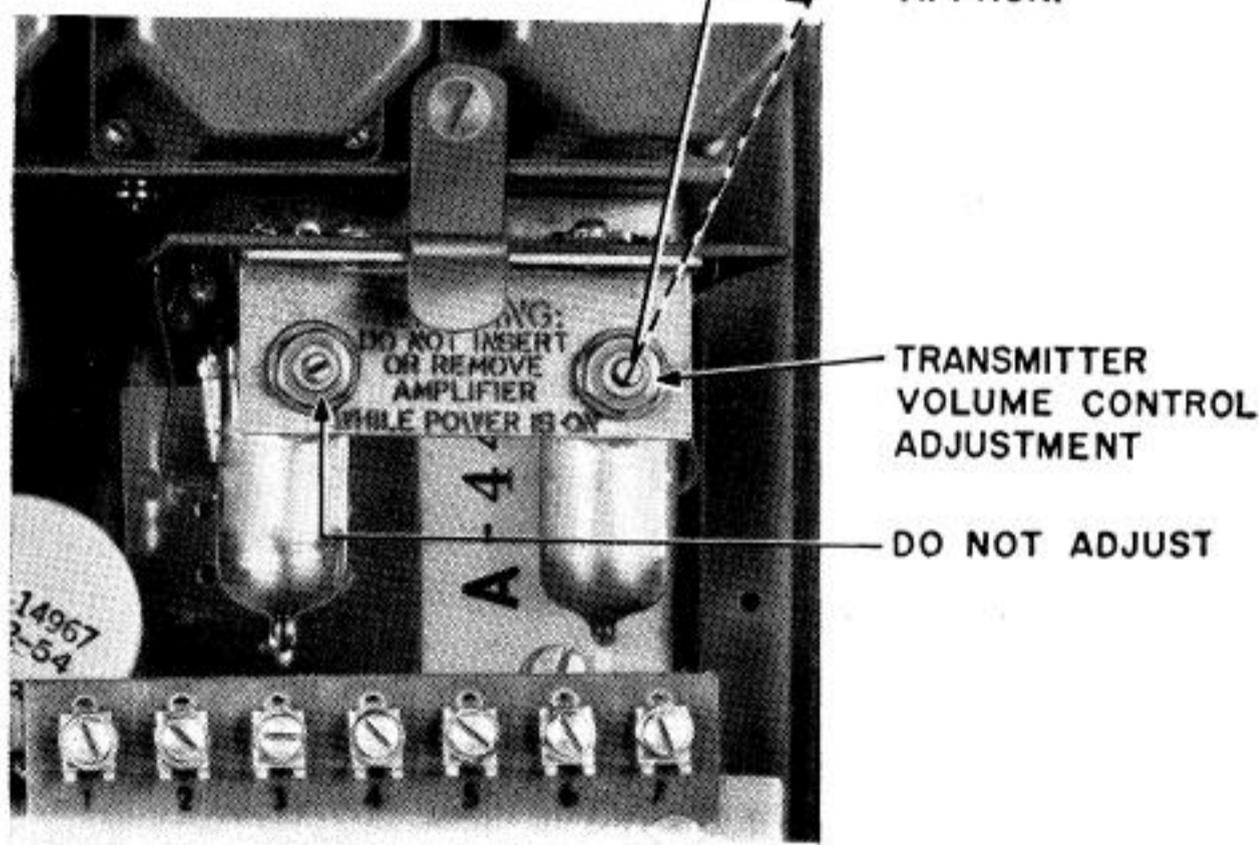


Fig. 13—Adjustment of Transmitter Volume Control on KS-14990 Amplifier

CONTROL UNIT

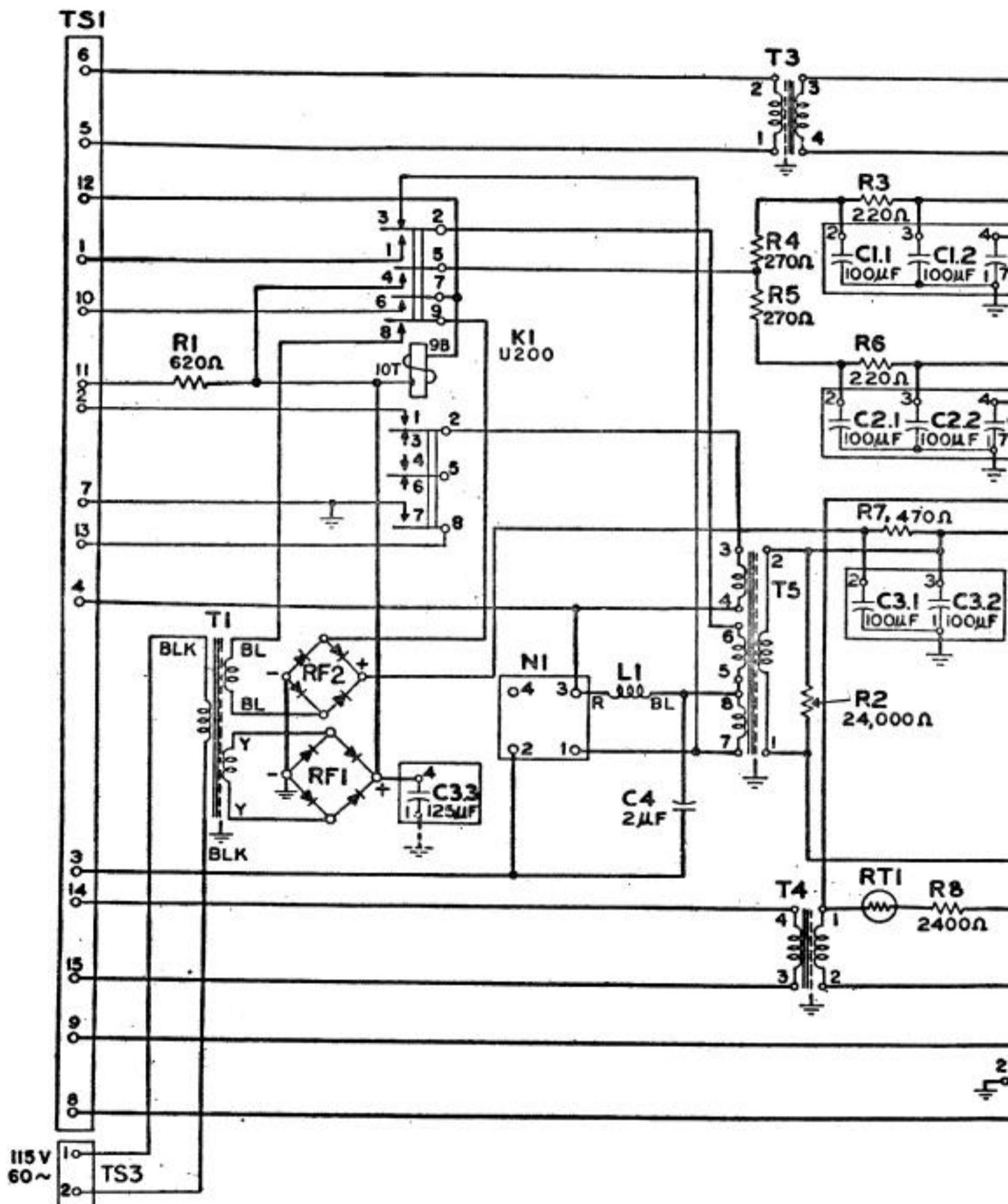
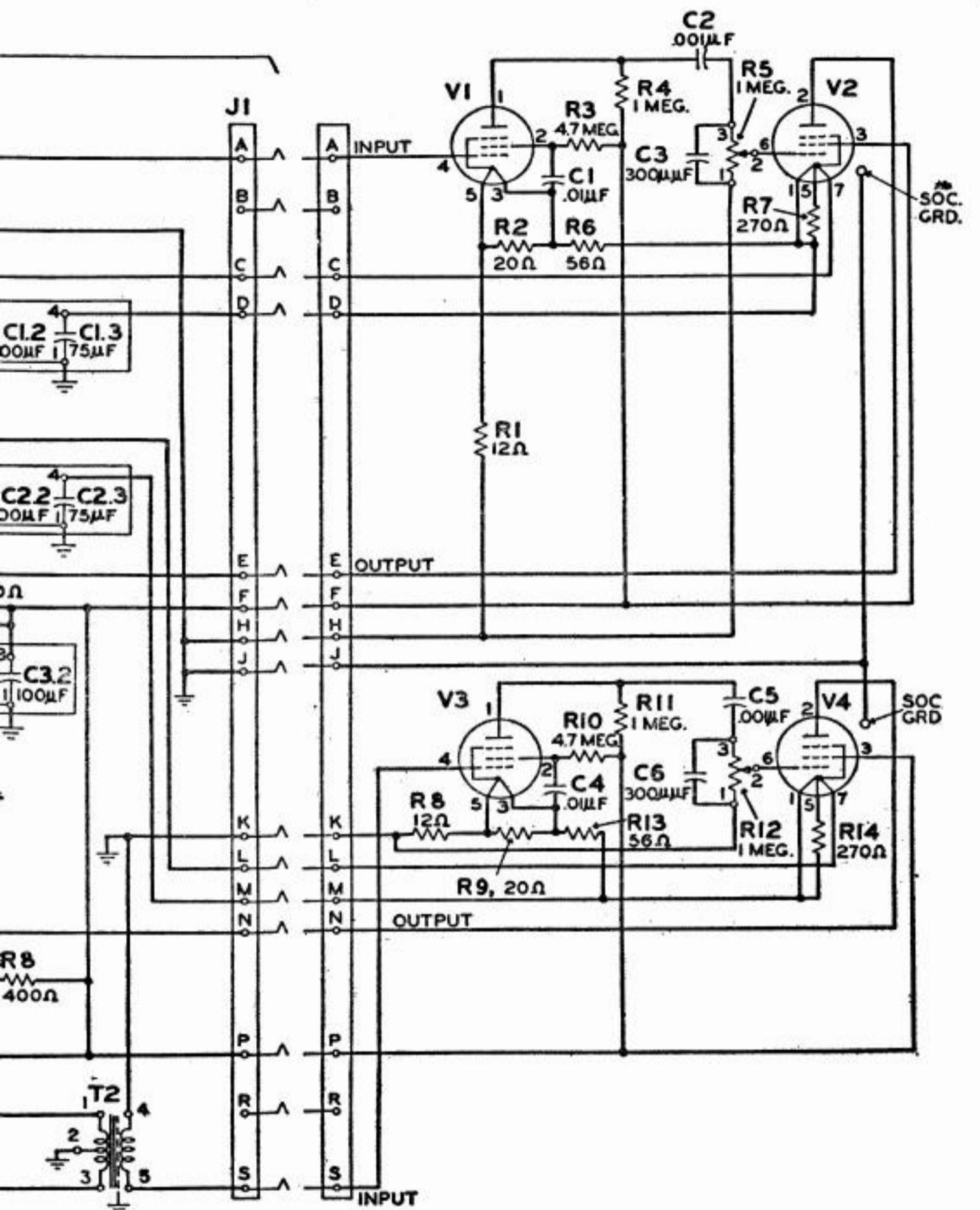


Fig. 14—Schematic Drawing of KS-14964 Control Unit with KS-14990 Amplifier

AMPLIFIER UNIT



CONTROL UNIT

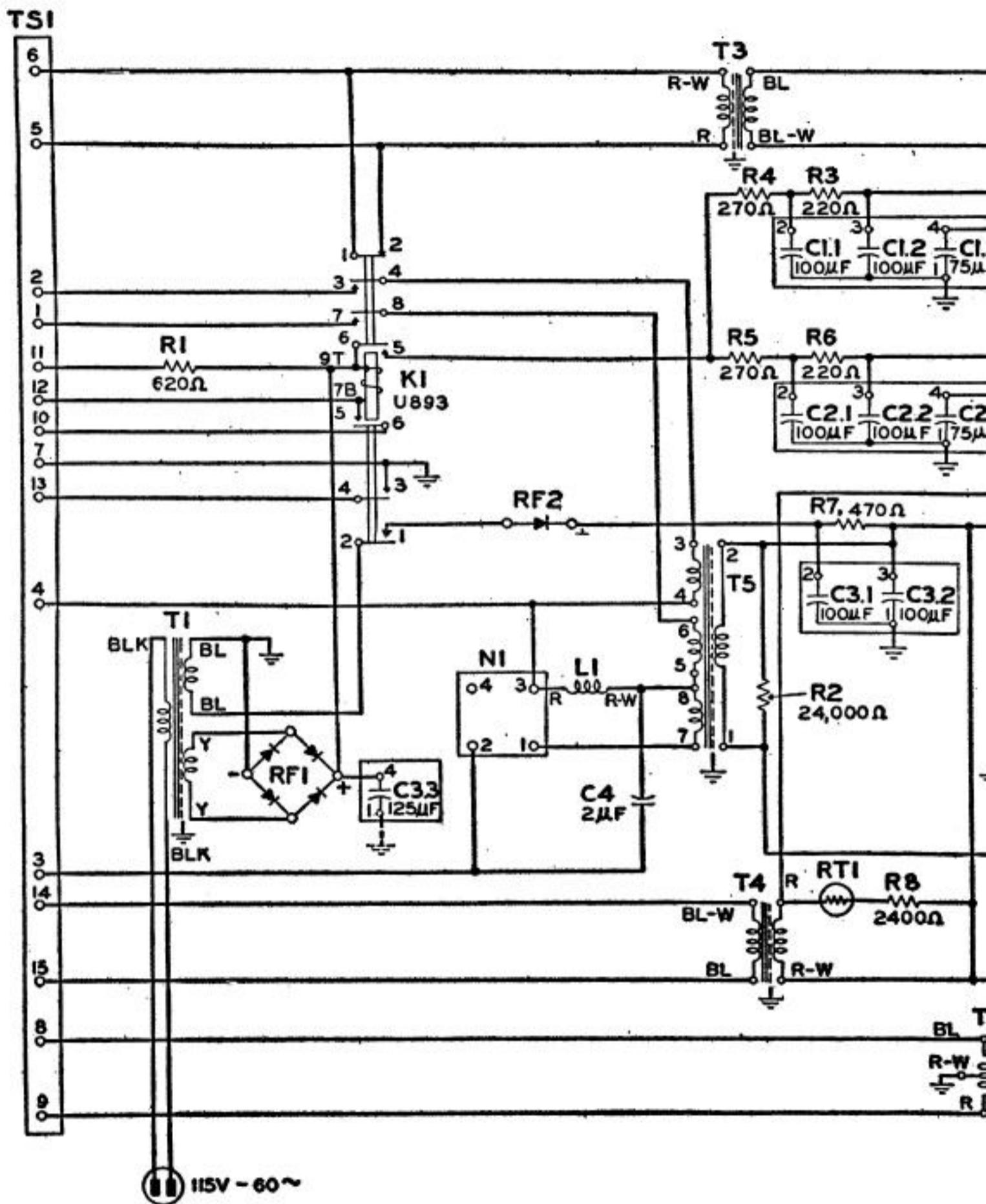


Fig. 15—Schematic Drawing of KS-14964, L2 Control Unit with KS-14990 Amplifier

6. SUPPLIES

6.01 Delete the following:

<u>INDEX</u>	<u>ORDERING INFORMATION AND DESCRIPTION</u>
Apparatus Blank	Blank, Apparatus, 95A-3. Covers dial opening when telephone set is used for manual service.
Sets	Set, Telephone, 592A-3. Manual telephone for the distant talking set. Set, Telephone, 592B-3. Dial telephone for the distant talking set. Set, Telephone, 595A-3. Complete manual distant talking set. Includes 592A-3 telephone set, control unit, and loudspeaker. Set, Telephone, 595B-3. Same as 595A-3 equipped with dial.
Washer	P-181055 Washer. Large washer for stud of microphone.

Add the following:

<u>INDEX</u>	<u>ORDERING INFORMATION AND DESCRIPTION</u>
Apparatus Blank	Blank, Apparatus, 95B-3. Covers dial opening when telephone set is used for manual service.
Control Unit	Unit, Control, KS-14964, L2. Complete unit to furnish power to the distant talking set. (Replaces KS-14964.)
Cover	B-181634 Cover Assembly. Cover for KS-14964 and KS-14964, L2 control units.
Knob	P-14A913 Knob Assembly. For knob replacement in 592-type sets with manufacturing dates of 11/54 and after.

INDEX

ORDERING INFORMATION AND
DESCRIPTION

Sets

Set, Telephone, 592A-3.

Manual telephone for the distant talking set. Equipped with standard handset cord.

Set, Telephone, 592AR-3.

Manual telephone for the distant talking set. Equipped with retractile handset cord.

Set, Telephone, 592B-3.

Dial telephone for the distant talking set. Equipped with standard handset cord.

Set, Telephone, 592BR-3.

Dial telephone for the distant talking set. Equipped with retractile handset cord.

Set, Telephone, 595A-3.

Complete manual distant talking set. Includes 592A-3 telephone set, control unit, and loudspeaker.

Set, Telephone, 595AR-3.

Complete manual distant talking set. Includes 592AR-3 telephone set, control unit, and loudspeaker.

Set, Telephone, 595B-3.

Same as 595A-3 with the 592-type telephone set equipped with a dial.

Set, Telephone, 595BR-3.

Same as 595AR-3 with the 592-type telephone set equipped with a dial.

Volume Control

P-14A254 Potentiometer Assembly.

Double potentiometer for regulating receiving volume.

Washer

P-14A229 Washer.

Large washer for stud of microphone.

Note: When telephone sets are ordered with the suffix R, the telephone sets will be received equipped with retractile handset cords.