

**BELL SYSTEM PRACTICES**  
Station Installation and Maintenance

**SECTION C63.433**  
Issue 2, June, 1953  
AT&T Co Standard

## **TELEPHONE SETS**

### **354-TYPE**

### **CONNECTIONS**

#### **1. GENERAL**

1.01 This section covers the connections for the 354A and C telephone sets (wall type) which are used at common battery anti-sidetone stations on non-polarized ringing lines in the following classes of service:

**Individual Lines (Manual and Dial)**

**Two-Party Selective Flat Rate (Manual and Dial)**

**Two-Party Selective Message Rate (Manual and Dial)**

**Four-Party Semi-Selective (Manual and Dial)**

**Divided Code Ringing (Manual and Dial)**

**Non-Selective Party Lines (Manual and Dial)**

**Regular P.B.X. Stations (Manual and Dial)**

**750A and 755A P.B.X. Keyless Stations**

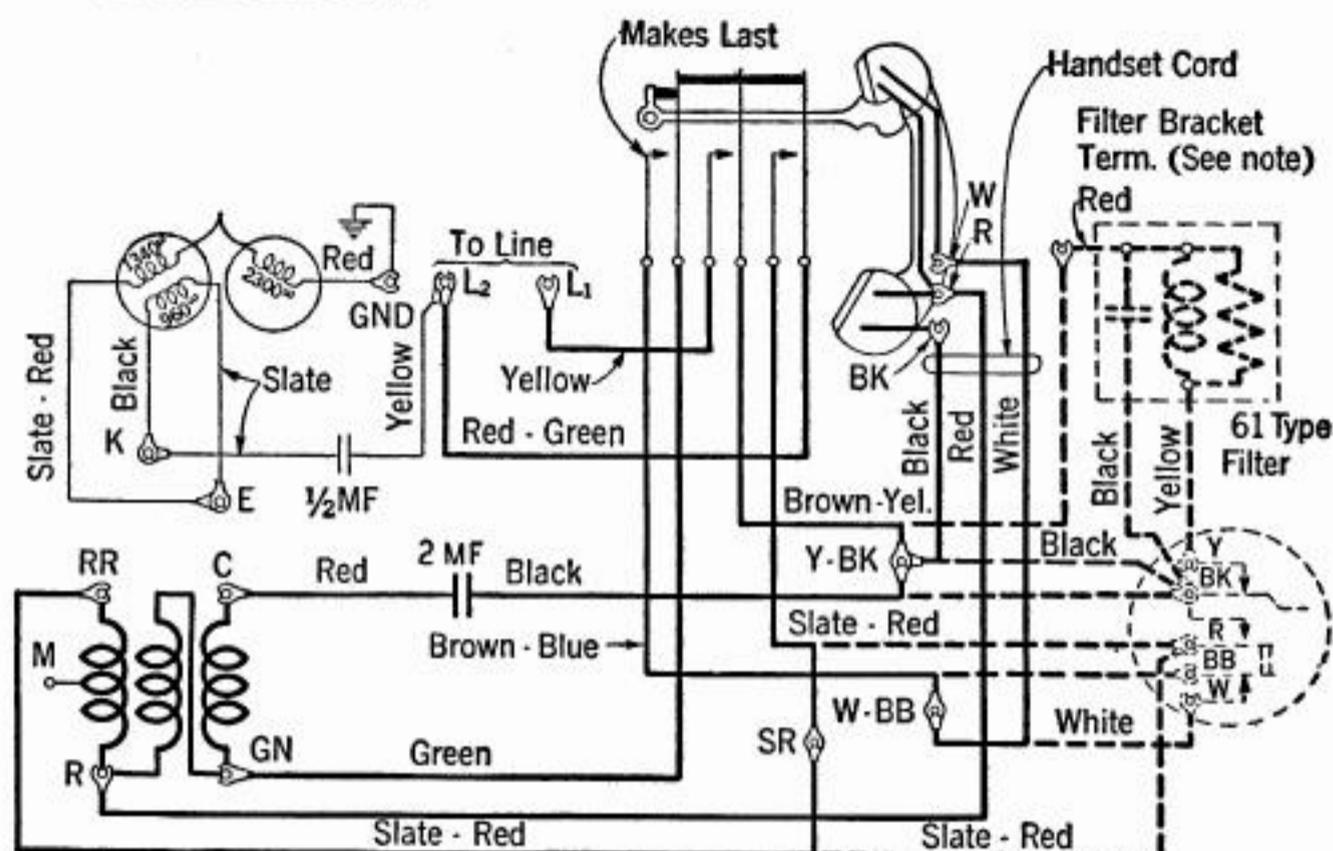
1.02 This section is reissued to add a paragraph covering the 61-type filters to be used with 4-, 5- and 6-type dials and to identify the filter in the diagram of connections as a 61-type filter instead of a 61G filter.

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## 2. CONNECTIONS



Note: - If filter is not provided connect brown - yellow lead from switch contacts to Y of dial instead of to filter bracket terminal.

**Fig. 1—354A and C Telephone Sets—Connections**

2.01 The 354-type telephone sets as furnished are connected for tip-party flat rate stations as shown in Fig. 1. The telephone set connections for the classes of service for which these sets may be used are shown in Table 1.

**TABLE 1**

Connections	Ringer Leads				Line Wires		
	Blk	Red	S1	S1-Red	Ring	Tip	Ground
Bridged	K	L1	E	E	L1	L2	*GND
Ring Party	<b>GND</b>	<b>K</b>	E	E	L2	L1	GND
Tip Party (Dial Mess. Rate)	<b>GND</b>	<b>K</b>	<b>M</b>	<b>RR</b>	L1	L2	GND
Tip Party (Flat Rate)	K	GND	E	E	L1	L2	GND

\* If ground wire is brought in.

NOTE: Boldface type indicates connections that must be changed in set as furnished.

2.02 The limitations as to the number and type of ringing bridges which may be used are in accordance with those given for high impedance ringers (B2AL) in the section entitled "Ringer Limitations—Non-Polarized Ringing Lines."

2.03 Extension station connections are the same as for the main station.

2.04 If for any reason it is desired to silence permanently the ringer at a station employing a 354-type set, connect both Red and Black ringer leads to the K terminal except that in the case of two-party selective dial message rate service, party on tip, the ringer should not be permanently silenced.

2.05 When a radio frequency suppression filter is used on 354C sets, it should be as follows: 61E filter for sets with 6-type dials; 61E or 61G filter for sets with 4- or 5-type dials.