

SUBSCRIBER SETS — 634BB
LOCAL BATTERY — CONNECTIONS

1.00 INTRODUCTION

This section covers the combination of apparatus, circuit diagram, and connections for the 634BB subscriber sets when associated with hand telephone sets for local battery talking—common battery signaling service.



FIG. 1—634 TYPE

TABLE A—COMBINATION OF APPARATUS

Sub. Set Code	Components				
	Induction Coil	Capacitor	Ringer	Inductor	Resistor
634BB	62 or 181B	2—149B, 1149B, 449B, or 449H and 1—149A, 1149A, or 449A	6J, 6JA, 8J, 8JA, 68J, 68JA or B1AL	54S or 274S	63H

2.00 GENERAL

2.01 The 634BB subscriber set is used where one or more stations receive transmitter battery from a common source such as from a local storage battery, rectifier, or over cable pairs from a central office. A battery supply filter is necessary in each transmitter circuit.

2.02 This subscriber set in combination with a hand telephone set of the type indicated may be used for the services listed in Table B.

2.03 To connect the subscriber set to its associated hand telephone set, the circuit diagram on page

3 may be matched with the circuit diagram on the foldout page in the section for the appropriate hand telephone set. Line and ringer connections are also shown.

2.04 Connections are shown in Table C.

2.05 Means are provided in the sets whereby any one of four different network connections, A to D, may be made in the induction coil balancing circuit to obtain a satisfactory sidetone balance when the sets are used on the different types of subscriber loops employed in the plant.

TABLE B—ASSOCIATED APPARATUS

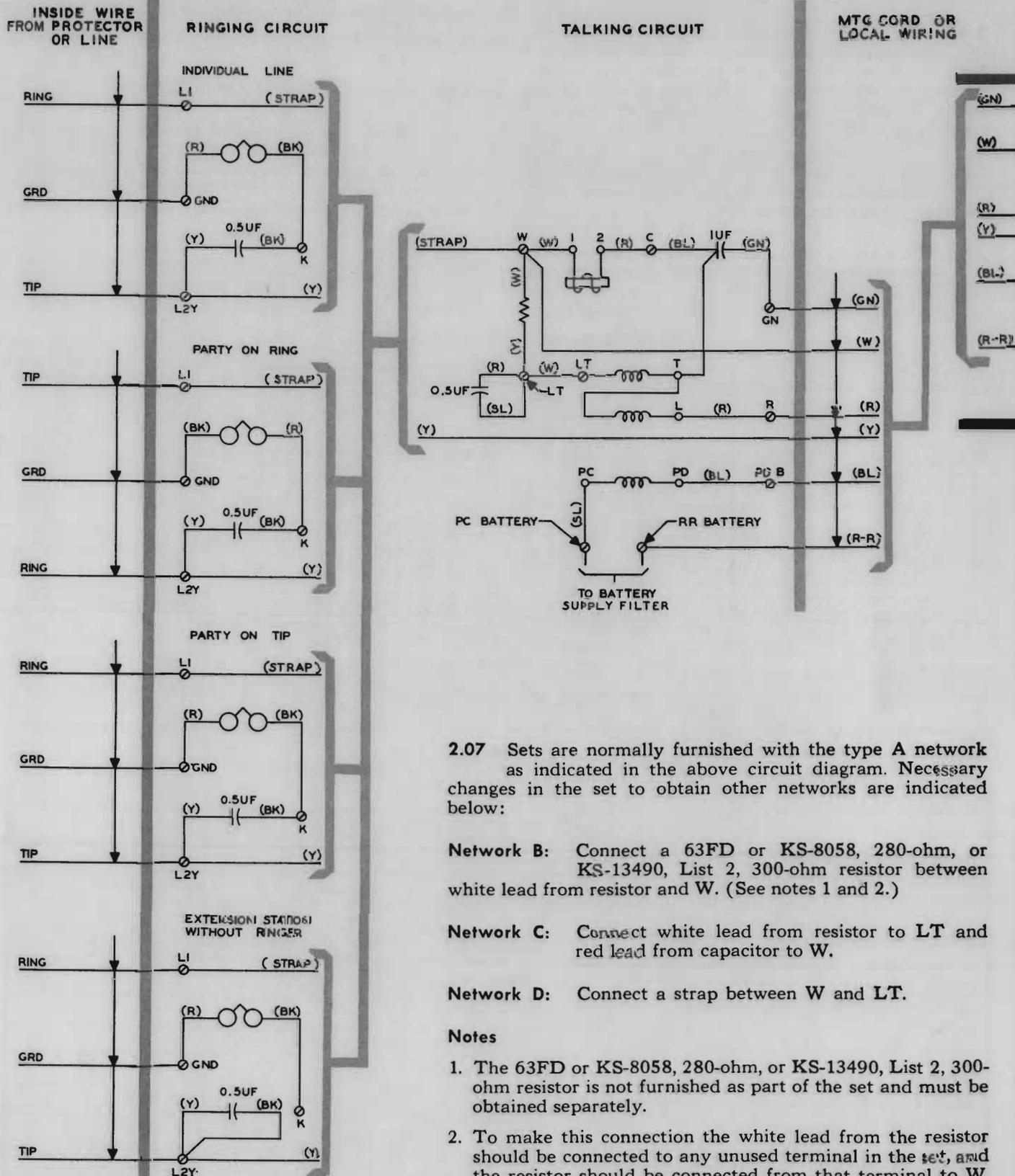
Class of Service	Hand Telephone Set	
	Desk Type	Hang-up Type
Individual Lines PBX Stations 2-Party Flat Rate 2-Party Message Rate (Manual and Ring Party Dial) 4-Party Semiselective Multiparty Divided Code Multiparty Nonselective	206A, B, C, or D	212L

TABLE C—CONNECTIONS

Wire or Leads		Individual or Bridged	Ring Party	Tip Party
Inside Wire from Protector or Line	Ring	L1	L2Y	L1
	Tip	L2Y	L1	L2Y
	GND	GND	GND	GND
Ringer Leads	R	L1	K	GND
	BK	K	GND	K
Ringing Capacitor Leads	Y	L2Y	L2Y	L2Y
	BK	K	K	K
Mounting Cord or Local Wiring	GN	GN	GN	GN
	W	W	W	W
	R	R	R	R
	Y BL RR	L2Y PD-B BATT-RR	L2Y PD-B BATT-RR	L2Y PD-B BATT-RR

Extension stations without ringer shall be connected in the same way as the associated main station except that both leads from ringing capacitor shall be connected to terminal L2Y.

2.06 CIRCUIT DIAGRAM



2.07 Sets are normally furnished with the type A network as indicated in the above circuit diagram. Necessary changes in the set to obtain other networks are indicated below:

Network B: Connect a 63FD or KS-8058, 280-ohm, or KS-13490, List 2, 300-ohm resistor between white lead from resistor and W. (See notes 1 and 2.)

Network C: Connect white lead from resistor to LT and red lead from capacitor to W.

Network D: Connect a strap between W and LT.

Notes

1. The 63FD or KS-8058, 280-ohm, or KS-13490, List 2, 300-ohm resistor is not furnished as part of the set and must be obtained separately.
2. To make this connection the white lead from the resistor should be connected to any unused terminal in the set, and the resistor should be connected from that terminal to W. If there is no unused terminal, an extra terminal should be added to the set.

MTC CARD BR
LOCAL WIRING



A network
of relays
is indicated

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If there is no relay terminal an extra terminal should be added to the set.
If there is no relay terminal an extra terminal should be added to the set.
If there is no relay terminal an extra terminal should be added to the set.

OR CIRCUIT DIAGRAM

INSIDE WIRE
FROM PROJECTOR
ON LINE

