

1. COLORS

F-51910A - Aqua Blue
F-51910B - Rose Pink

F-51910C - White
F-51910D - Beige

2. DIAL LIGHT

To turn dial night light on, push switch in front of base to right.

Light becomes brighter when handset is removed from cradle.

Dial light goes on when night light is off (switch to left).

Use a KS-16184, L3 transformer. Same requirements as standard illuminated dial sets.

3. RINGER

"Ringng signal" obtained from handset receiver.

For use with auxiliary ringer, see instructions packaged with ringer.

Tone volume control (high-low-off) switch on bottom of set.

4. MAINTENANCE

Verify that line is working at connecting block.

Check all connections. If correct, check transmitter (T1) and receiver (U2) for opens. Replace if needed.

If lamp is burned out, replace with No. 46 lamp.

If set is still inoperative, replace, and return per local instructions.

See installation instructions if noisy set is reported.

5. CLASS OF SERVICE

For use on individual and 2-party services only.

6. CONNECTIONS

The F-51910 telephone set for ringing bridge consideration is the same as the 500-type telephone set.

The set is furnished wired for bridged party service.

At Connecting Block:

Line Wires: Connect Tip to G, Ring to R, Ground (where possible or required) to Y.

Transformer: Connect to Y and B.

Mounting Cord:

Individual lines where ground is not available (installation connection "B" in table below) connect Red to R, Green to G, Yellow to G, Black to B, Blue to Y, White to B.

Where ground is available ******(installation connection "Z" in table below) connect as above except for yellow. Connect Yellow to Y.

Ring Parties: Connect Red to R, Green to G, Yellow to Y, Black to B, Blue to Y, White to B.

Tip Parties: Same as above except reverse Green and Red conductors.

At Telephone Set: Underscored connections shown in table below indicate changes in set as furnished.

	Mounting Cord						Internal Straps			
	R	G	Y	BK	W	BL	O-BK		O-RD W	
							Connection			
Ring Party Flat Rate & Tip Party Except as Below	L2	L1	X	E1	E1	G	<u>Z**</u>	(B)	AA	D
Tip Party Flat Rate AT - SxS with AT or AMA - Mod X-bar AMA	L2	L1	<u>D</u>	E1	E1	G	Z		AA	<u>X</u>
Ring Party (DMR)	L2	L1	X	E1	E1	G	B		AA	D
Bridged Ringer - Ground at Block	L2	L1	X	E1	E1	G	<u>Z**</u>		AA	D
Bridged Ringer - No Ground at Block	L2	L1	X	E1	E1	G		(B)	AA	D

****** Circuit using installation connection "Z" will test 1000-ohm party identification to ground. This is needed for special study test purposes. If connection results in a noisy line, connect as per connection condition "B", moving O-BK lead from Z to B. Report installation condition "Z" or "B" to local test desk or dispatcher as specified locally.

Note: Orange-blue strap. Install set with this strap between H and AC as provided. If dial tap is encountered, connecting jumper between H and A provides maximum protection against severe dial tap or cross ring.

1. COLORS

The External Ringer is furnished in beige only.

2. MOUNTING

The long dimension of the ringer should be horizontal, with the volume adjustment arm up. The use of a back-board is not recommended.

3. MAINTENANCE

If trouble develops within the ringer, replace and return per local instructions. Maintenance parts will not be provided for the trial period.

4. CLASS OF SERVICE

For use on individual and 2-party services only.

5. CONNECTIONS

For use with Ericofon, connect ringer same as Bridged ringer without ground at black in table on page 2. Black mounting cord lead to No. 4, Yellow to No. 2. Where telephone sets are to be used without the external ringer, see the practices furnished with the telephone set.

Transformer: Connect to 5 and 6 at the external ringer.

Line Wires: Connect Ring to 4, Tip to 2 and Ground where possible or required to 6.

CONNECTIONS FOR USE OF F-52510 RINGER WITH F-51910 TELEPHONE SET

	CONNECTIONS AT RINGER						CONNECTIONS IN SET													
	RINGER			MTG. CORD			MTG. CORD			TRANSFER LEADS										
	BK	SL	R	SL-R	Y	W	R	G	Y	EK	W	BL	O-BK	O-R	W					
1. Bridged ringer Ground at block**	6	7	1	7	1	3	4	2	3	5	7	6	L2	L1X	E1	<u>B</u>	G	B	<u>X</u>	<u>AA</u>
2. Bridged ringer No ground at block	2	7	1	7	1	4	4	2	3	5	5	6	L2	L1X	E1	E1	G	B	<u>X</u>	<u>AA</u>
3. Ring party flat rate without AT**	6	7	1	7	1	3	4	2	3	5	7	6	L2	L1X	E1	<u>B</u>	G	B	<u>X</u>	<u>AA</u>
4. Tip party flat rate without AT**	6	7	1	7	1	3	2	4	3	5	7	6	L2	L1X	E1	<u>B</u>	G	B	<u>X</u>	<u>AA</u>
5. Ring party flat rate with AT and ring party DMR	6	7	1	7	1	4	4	2	3	5	5	6	L2	L1X	E1	E1	G	B	<u>X</u>	<u>AA</u>
6. Tip party with or without DMR with AT	7	1	7	6	1	3	2	4	3	5	7	6	L2	L1X	E1	<u>B</u>	G	B	<u>X</u>	<u>AA</u>
7. Tip party DMR without AT	6	7	1	7	1	3	2	4	3	5	7	6	L2	L1X	E1	<u>B</u>	G	B	<u>X</u>	<u>AA</u>

Where** connections are used, circuit will test 1000-ohm party identification to ground. This is needed for special study test purposes. If connection results in a noisy line, connect No. 1. as No. 2, No. 3 as No. 5, No. 4, W mounting cord lead at ringer to 5, W mounting cord lead in set to E1. Report installation connection number to local test desk or dispatcher as specified locally.