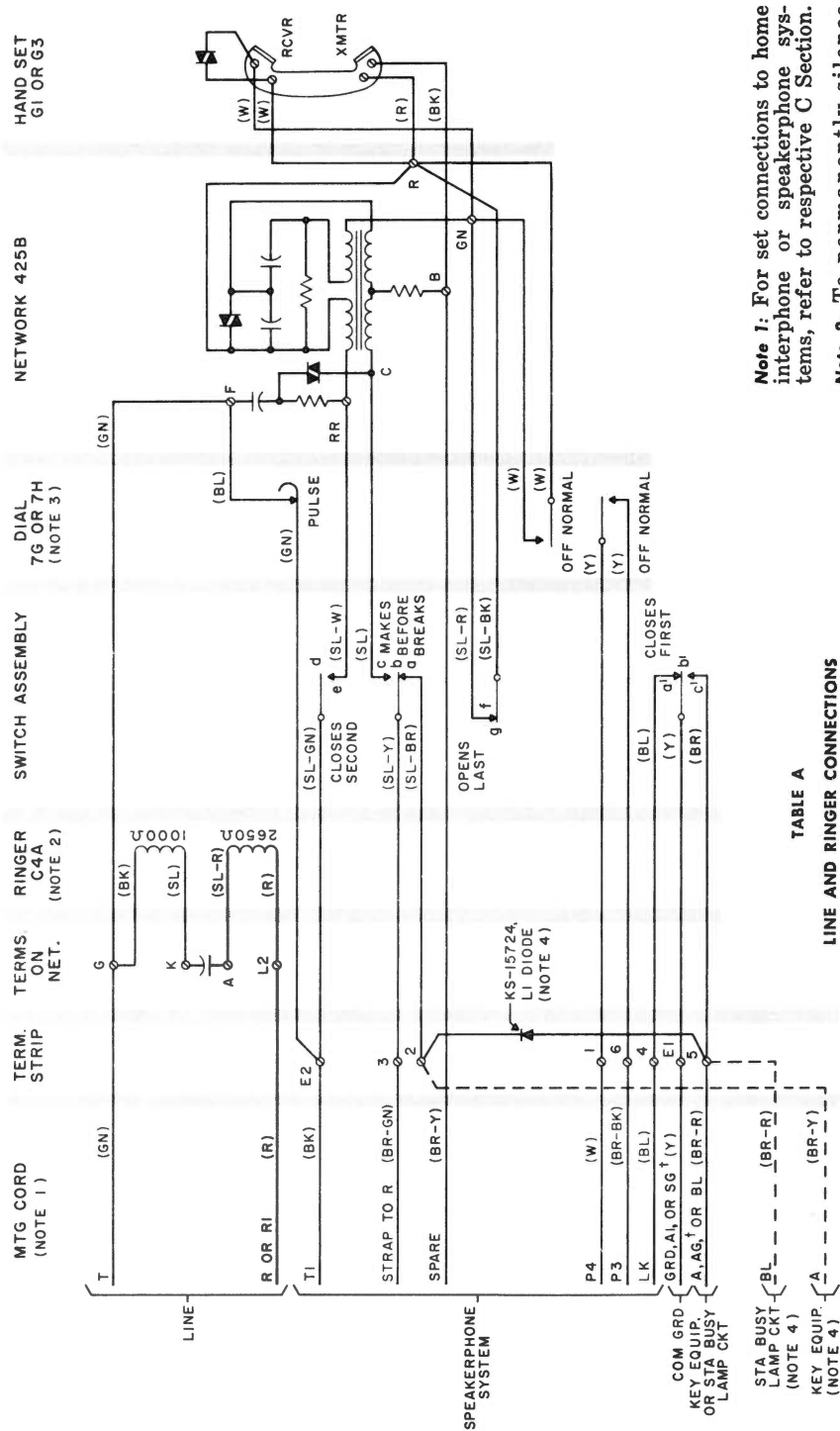


TELEPHONE SETS — 500R AND 500S  
(SPEAKERPHONE SYSTEM)  
COMMON BATTERY — CONNECTIONS



**Note 1:** For set connections to home interphone or speakerphone systems, refer to respective C Section.

**Note 2:** To permanently silence ringer, connect black and slate leads to K terminal.

**Note 3:** For manual service, replace dial with apparatus blank and refer to Table A for lead changes.

**Note 4:** Use dotted line connections when A and A1 control leads and station busy lamp circuit are used together. Remove SL-BR switch lead from terminal 2 and tape. Transfer BR-Y mounting cord lead to terminal 2 and install KS-15724, List 1 diode as shown.

\* For tip party identification, remove SL-BR lead from 2 of terminal strip to A of network.

† Lead designations for speakerphone system.

TABLE A  
LINE AND RINGER CONNECTIONS

| Wire or Lead                      | Individual or Bridged | Ring Party |      | No Ident Ground |      | Tip Party           |           |      |
|-----------------------------------|-----------------------|------------|------|-----------------|------|---------------------|-----------|------|
|                                   |                       | Dial       | Man. | Dial            | Man. | Identifying Ground* |           | Man. |
|                                   |                       |            |      |                 |      | 1000 ohms           | 2650 ohms |      |
| Mounting Cord in Set              | GN                    | G          | F    | E2              | F    | E2                  | F         | E2   |
| Strap GN Lead from G Terminal to  | F                     | E2         | E1   | E1              | E1   | E1                  | E1        | E1   |
| Ringer Leads                      | R                     | L2         | L2   | L2              | L2   | K                   | K         | 6    |
|                                   | BK                    | G          | G    | G               | G    | G                   | G         | B    |
|                                   | SL                    | K          | K    | K               | K    | 6                   | K         | K    |
|                                   | SL-R                  | A          | A    | A               | A    | B                   | B         | G    |
| Mounting Cord at Connecting Block | R                     | 1          | 1    | 2               | 2    | 2                   | 2         | 2    |
|                                   | GN                    | 2          | 2    | 1               | 1    | 1                   | 1         | 1    |
|                                   | BR-GN                 | 1          | 1    | 2               | 2    | 2                   | 2         | 2    |

Fig. 1 — 500R, S Telephone Set