

The diagram illustrates the internal wiring of a telephone exchange, organized into vertical columns representing different stages of the system:

- INSIDE WIRE:** Includes lines for RING (2), TIP (2), TIP (1), and RING (1).
- TERM. STRIP:** Features terminals 5 (Y), 6 (BK), 4 (G), 3 (R), and 1 (W), 2 (BL).
- LINE KEY:** Shows various internal connections and components like E2 (G), E1 (S), and a RINGER (R).
- HOLD KEY:** Includes a HOLD KEY component and a RINGER (R).
- NETWORK:** Contains a network of switches and relays, including (S-R), L2, L1, F, RR, GN, and R.
- LINE SWITCH:** Shows a line switch with contacts (Y), (BR), (G), (W), (BL), (BK), and (W).
- DIAL:** Includes a DIAL component and a RINGER (R).
- HANDSET:** Shows the final connections to the handset, including (BK), (W), (W), (R), (S), and (S-R).

The diagram details the complex wiring paths between these components, showing how signals are routed through the exchange to the handset. Key components like the RINGER (R) and the SIG CKT (Signal Circuit) are also shown.

Fig. 1—555B Telephone Set, Connections