

## STATION DIALS

### 70-TYPE

### IDENTIFICATION AND MAINTENANCE

#### 1. GENERAL

1.01 This section contains information on the 70A (MD) and 70B dial (Fig. 1).

1.02 This section is reissued to:

- Show 70A dial (MD)
- Add information on the 70B dial.

1.03 The 70B dial is recommended for use in place of the the 70A dial which is rated MD.

#### 2. IDENTIFICATION

##### A. Purpose

2.01 These dials provide TOUCH-TONE® dialing in single slot coin telephone sets, 10A coinless telephone set, and the 2755-type apartment door answering telephone set. The 70A and 70B dials provide 10-button dialing, and two buttons designated \* and # for special services.

##### B. Ordering Guide

2.02 Order as follows:

- Dial, 70B.

##### C. Design Features

2.03 The 70-type dial provides special protection against water, flame, and mechanical shock. It has a metal front plate and metal buttons assembled as an auxiliary pad which attaches on the front of the dial mechanism. A rubber membrane, located in this pad, serves as a water barrier.

2.04 Each button, when operated, generates a signal distinctive to that button. All buttons operate the common switch which reduces sidetone to the receiver, opens the transmitter path, and turns on the hybrid integrated circuit (HIC) to generate the signaling frequencies (Fig. 2 and 3).

2.05 The dial provides ten spade-tipped leads for connection to the telephone set.

#### 3. MAINTENANCE

3.01 When replacing 35T3A dial with 70-type dial, the complete dial and housing assembly must be changed.



*Field adjustments of the 70-type dial are not recommended. Maintenance consists only of determining if the dial is defective. Dial test procedures are found in individual telephone set practices.*

#### NOTICE

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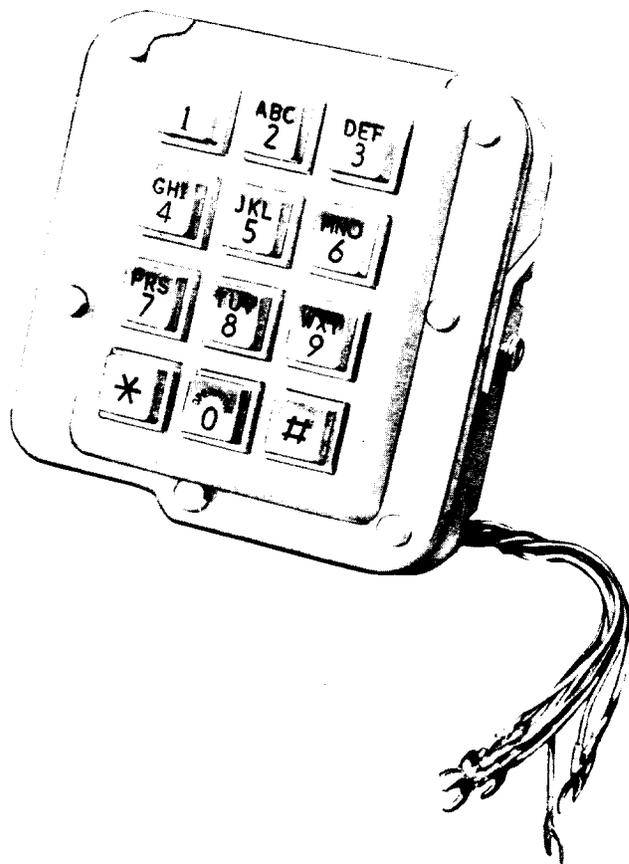


Fig. 1—70-Type Dial

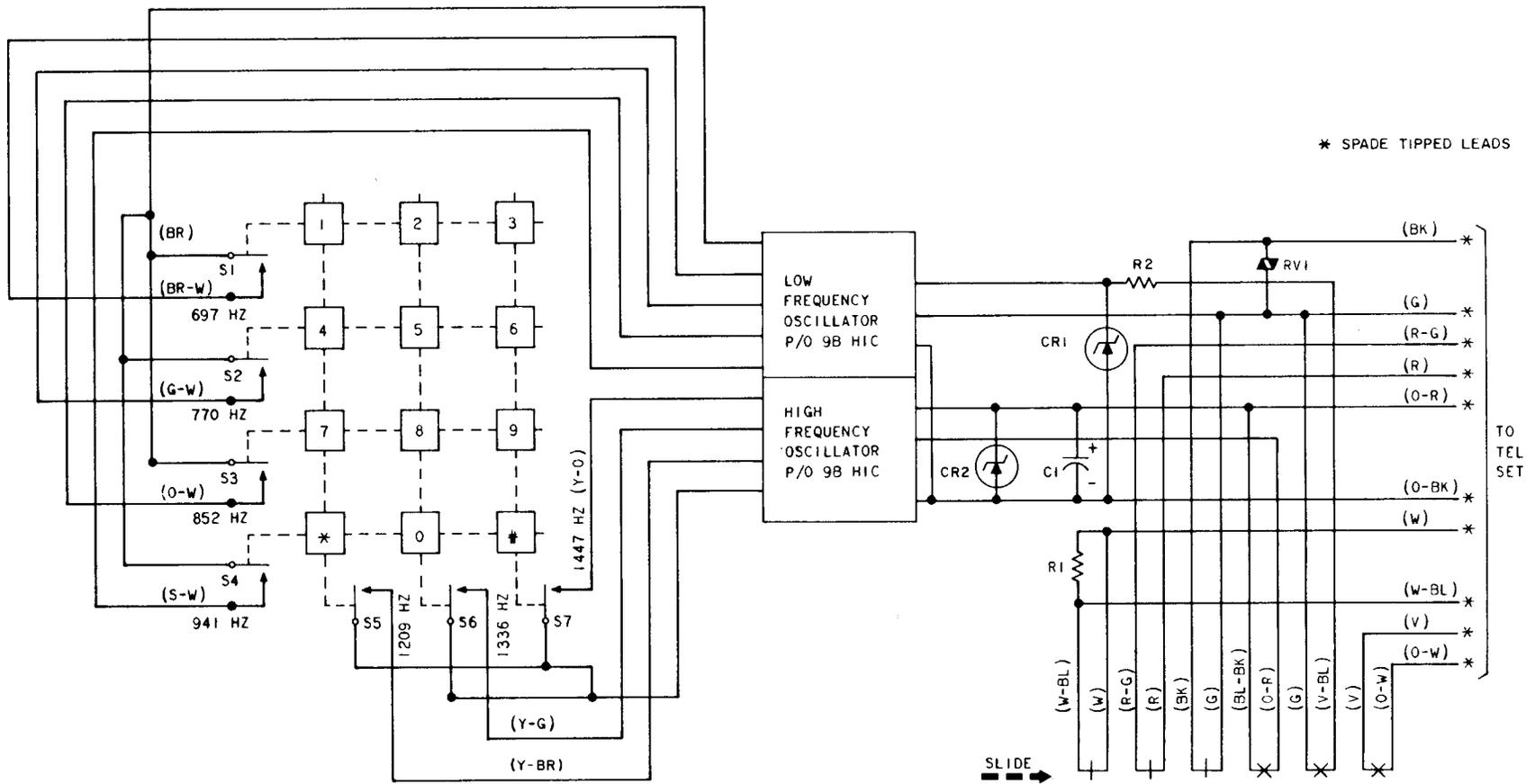


Fig. 2—70A Dial, Schematic

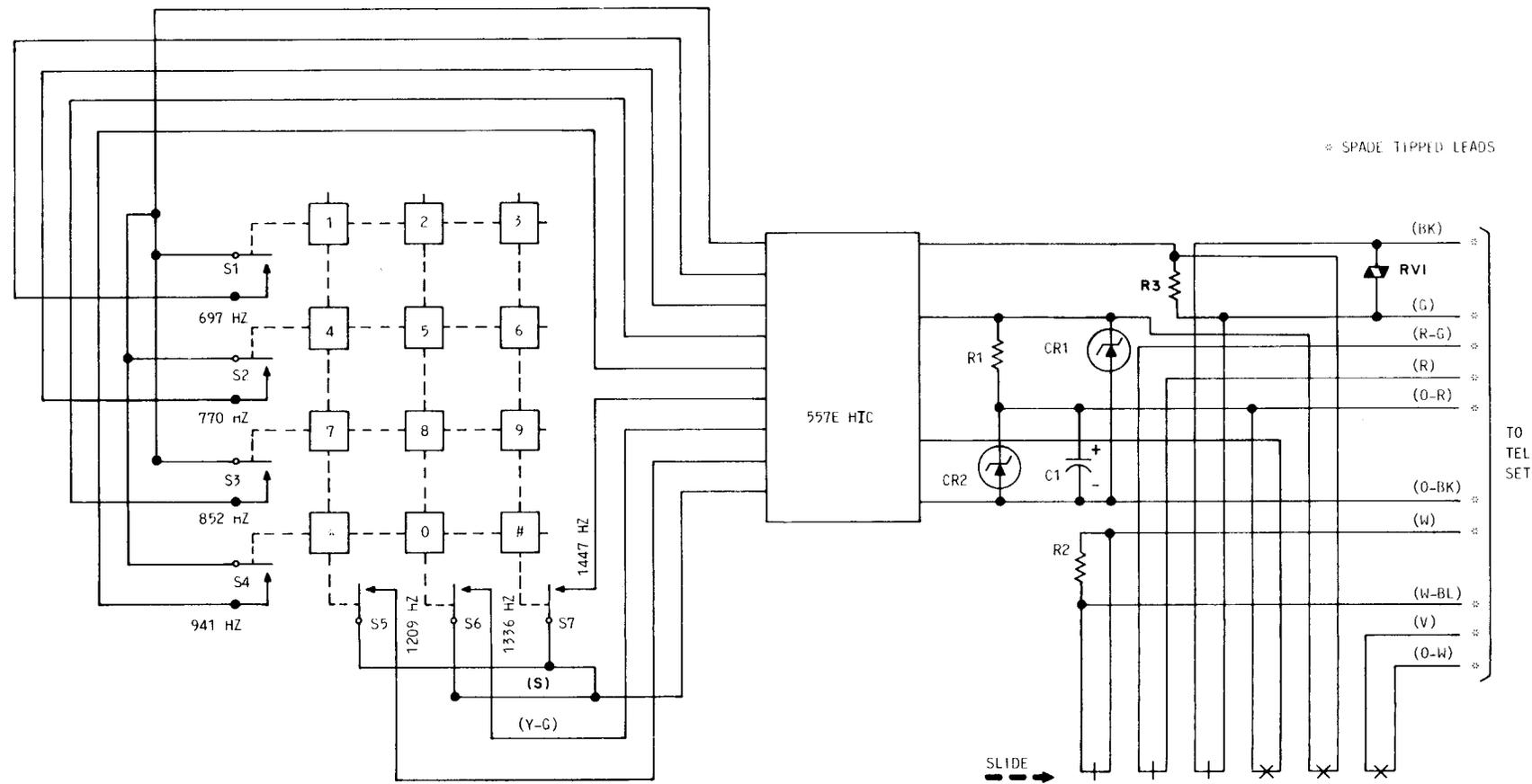


Fig. 3—70B Dial, Schematic