

## TELEPHONE SETS — 500AD

### IDENTIFICATION, INSTALLATION, AND MAINTENANCE

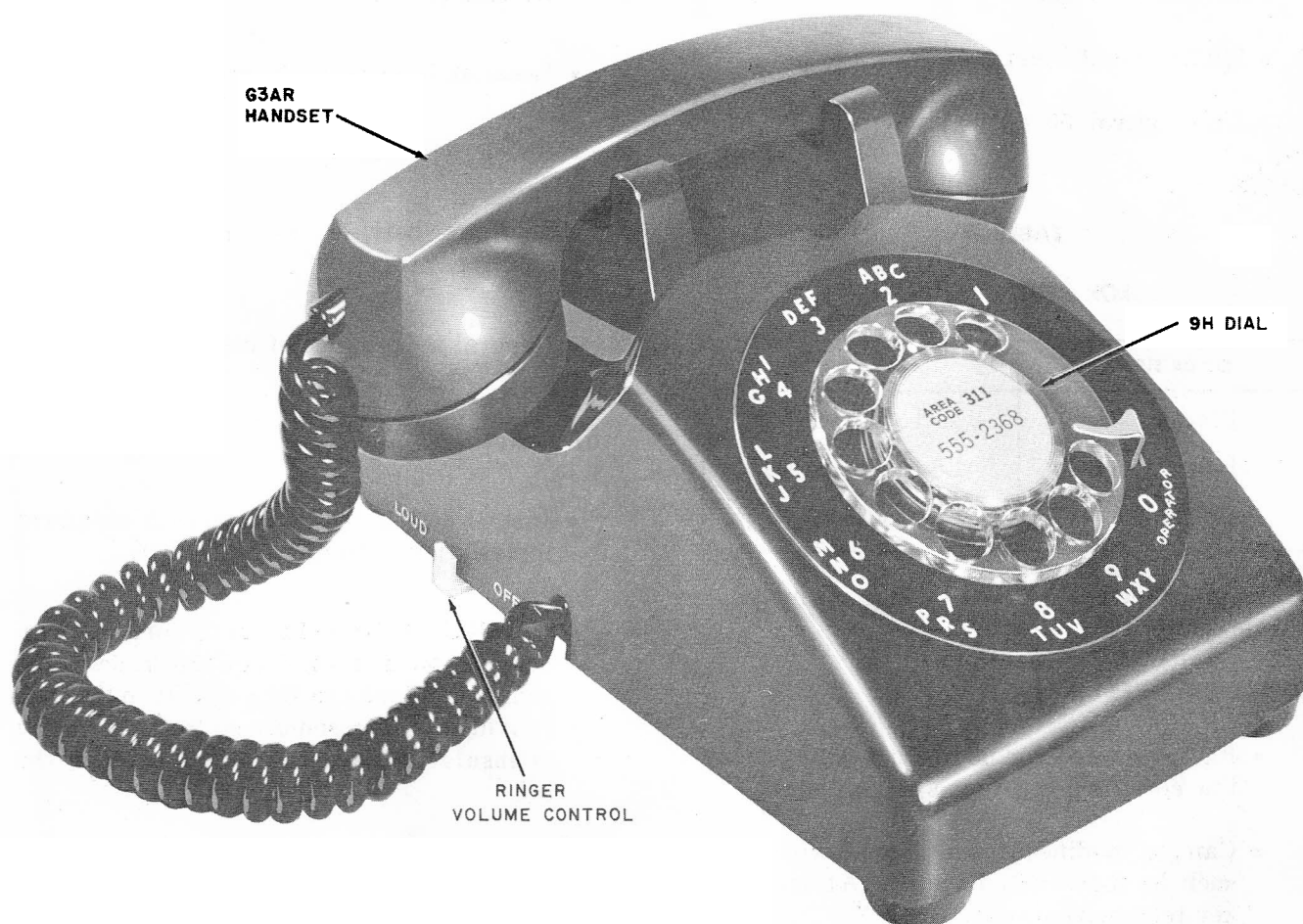


Fig. 1 — 500AD Telephone Set

#### 1. GENERAL

1.01 The 500AD telephone set (Fig. 1) is a nonkey desk-type set arranged for use with 4-wire service.

#### 2. IDENTIFICATION

##### ORDERING GUIDE

Set, Telephone, 500AD-\*

##### (a) Replaceable Components

- Cord, Mounting, D20K-\*
- Dial, 9H-\*
- P-20F185 Bracket, Arm, and Component Assembly (Includes N1A Ringer)
- Set, Hand, G3AR-\*

\*Refer to Table A for color selection.

**(b) Replaceable Optional Components**

- Buzzer, KS-8109L2
  - 666-type transmitter
  - 760A loudspeaker
  - 2012A transformer
  - Unit control, 55-type
- } Speakerphone

**COLOR****TABLE A****COLOR ORDERING GUIDE**

COLOR SUFFIX	COLOR SUFFIX
Black —03	Red —53
Ivory —50	Light Beige —60
Green —51	Light Gray —61

\*Refer to Section 500-120-100 for promoted colors.

**DESIGN FEATURES**

- Factory wired for use with 4-wire private line circuits and 3-type speakerphone.
- Can be modified for use on 2-wire lines such as individual lines or 1A1 and 1A2 key telephone system.
- Individual or common line ringer.
- Plug-ended mounting cord.
- Expanded line switch with spare transfer and two spare make contacts.

**APPLICATION**

- For use with 4-wire private line circuits with (optional) speakerphone.

**3. INSTALLATION****(a) Planning**

- Safety for yourself, customer, and maintenance personnel.
- Location — desk, table, etc.
- Space requirements.
- Distance between associated equipment and apparatus.
- General appearance of installation.

**(b) Installing**

- Install sets in accordance with standard installation procedures.
- Install the KS-8109L2 buzzer, ordered separately, on arm of P-20F185 bracket assembly. Mount the buzzer with hardware provided with assembly so that the frame is insulated from the metal base of the set.
- Connect the plug-ended mounting cord to the appropriate connector cable.

**4. MAINTENANCE**

- Information contained in existing sections for 500-type telephone sets applies to the 500AD telephone set.
- See appropriate sections for maintenance of individual components such as handset, ringer, dial, etc.