

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.

TELEPHONE SET — 500AD

CONNECTIONS

1. GENERAL

- 1.01** This section contains connection information for the 500AD telephone set for use with individual lines and 1A1 or 1A2 key telephone systems.
- 1.02** This section is reissued to provide normal distribution.
- 1.03** The 500AD telephone set is a desk-type set equipped with a plug-ended mounting cord and is intended for 4-wire service. In addition to the normal line switch functions, one spare transfer (PMB6) and two make (EM3 and EM5) contacts are provided for optional connections.
- 1.04** This telephone set is factory wired for use with 3-type speakerphone and 4-wire service.
- 1.05** The 500AD telephone set is available in black (-3), green (-51), light beige (-60), and light gray (-61).

2. CONNECTIONS

- 2.01** Connections for the 500AD telephone set are shown in Fig. 1.

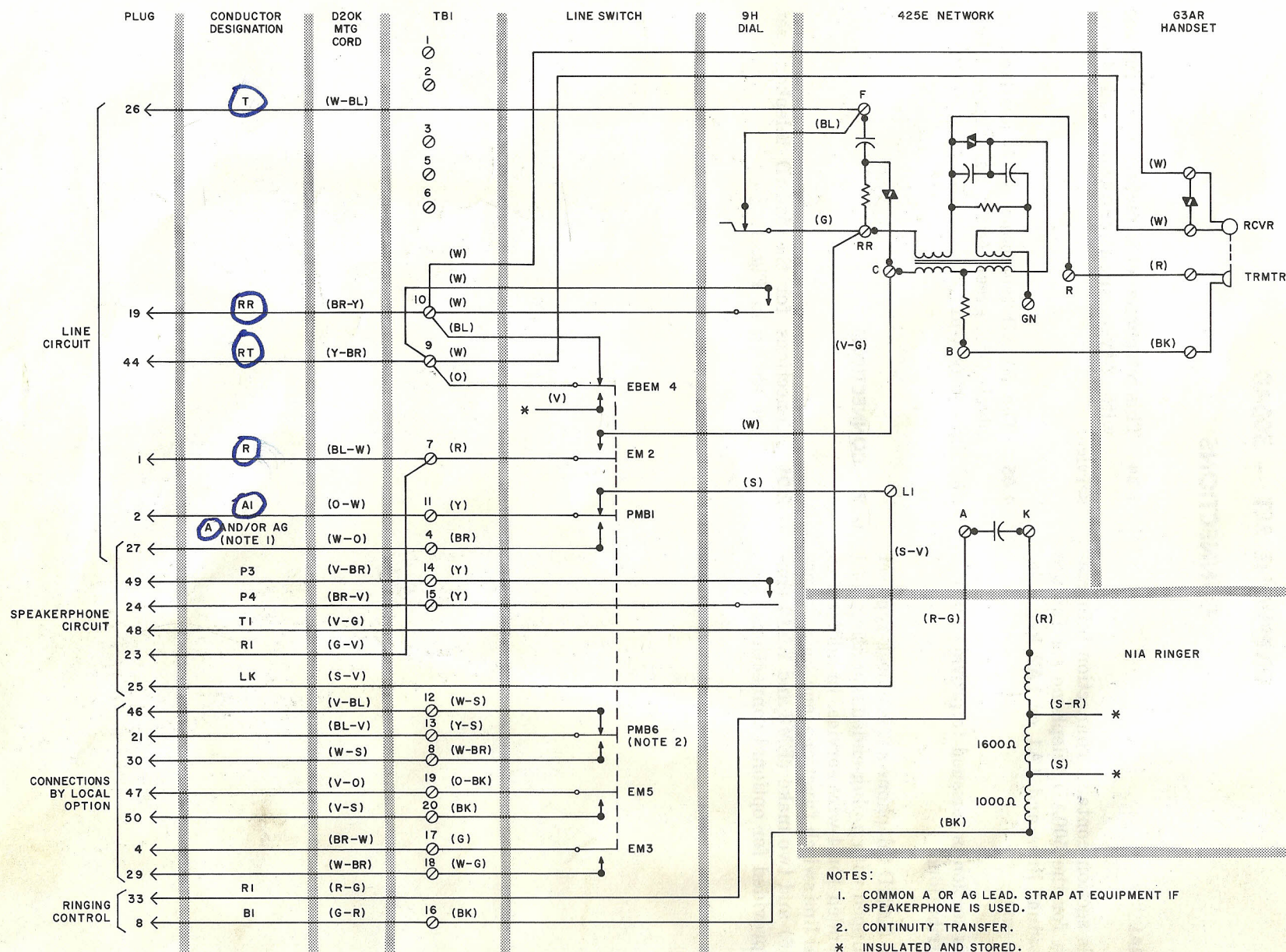


Fig. 1 — 500AD Telephone Set, Connections