2A TELEPHONE ANSWERING SET
DESCRIPTION

1. GENERAL

1.01 This section describes the 2A Telephone Answering Set which is designed to furnish automatic answering and announcement only service on central office and PBX lines.

1.02 The 2A Telephone Answering Set is connected to a telephone line and operates in conjunction with a standard telephone set. When the 2A Telephone Answering Set is turned OFF the telephone is connected directly to the line and operates in the normal manner.

1.03 The 2A Telephone Answering Set has been developed with potentialities for several other uses which are not available at this time.

Fig. 1—2A Telephone Answering Set

2. DESCRIPTION

2.01   The 2A Telephone Answering Set shown in Fig. 1 can be used at common battery stations of the following classes of service.

Individual Lines, Manual and Dial

2-Party Selective, Flat and Message, Manual and Dial

4-Party Selective, Manual and Dial

Regular PBX Stations, Manual and Dial

2.02   The first fifty 2A Telephone Answering Sets differ as follows from subsequent production:

(a) Their serial numbers are preceded by the letter A.

(b) Subsequent production (without letter A preceding serial number) have minor mechanical changes.

2.03   2A Telephone Answering Sets with their associated telephone set, are equivalent to one or two high-impedance ringing bridges for ringer limitations, depending on wiring options.

2.04   The associated telephone set is used to record and check the announcement message.

2.05   Power for operation of the 2A Telephone Answering Set is obtained from 105-125 volt 60 cycle ac power supply. A KS-15662 inverter must be used at installations where only dc power is available.

2.06   An audible signal is provided by a relay in the 2A Telephone Answering Set to signal the subscriber if an incoming call is received while the set is in use.

2.07   The maximum length of announcement message on the 2A Telephone Answering Set is adjusted in manufacture to be 30 seconds and shall not be changed in the field without authorization. This maximum message length may be readjusted in the field to be from 5 to 60 seconds in length. The actual announcement message length is manually controlled by the Stop Button, within the above limits.

2.08   The controls for the operation of the 2A Telephone Answering Set are on the front panel. The controls are:

(a) OFF-ON Knob

(b) STOP and START Button

(c) Function Selector Knob with positions marked on front panel
   (1) ANNOUNCEMENT DICTATE
   (2) ANNOUNCEMENT CHECK
   (3) AUTOMATIC ANSWER

2.09 There are three indicating lights on the front panel:
   (a) Off-On light (Bell System Medallion)
   (b) Announcement Dictate light
   (c) Automatic Answer light

3. OPERATION

3.01 Dictate Announcement Message
   (a) Turn OFF-ON knob to ON.
       Bell System Medallion is illuminated.
   (b) Turn Function Selector knob to ANNOUNCEMENT DICTATE.
   (c) Pick up associated telephone handset.
   (d) Depress START Button.
   (e) As soon as Dictate light (red) appears, dictate announcement message clearly and distinctly into the handset transmitter.
   (f) Dictate light (red) flashes several times starting a minimum of 5 seconds before the end of the recording time.
   (g) Depress STOP Button promptly on completion of message and hang up the telephone. The STOP Button must be depressed so that the subscriber's line will be released immediately.

If the message is incomplete when the recording drum stops, the message will have to be re-recorded in shortened form. The Announcement Message on the drum is automatically erased when a new Announcement Message is dictated.

3.02 Announcement Message Check.
   (a) Turn OFF-ON knob to ON.
       Bell System medallion is illuminated.
   (b) Turn Function Selector knob to ANNOUNCEMENT CHECK.
   (c) Pick up associated telephone handset.
   (d) Depress START Button.
   (e) Listen to recorded Announcement Message as reproduced in the telephone set receiver.

3.03 Automatic Answer.
   (a) Turn OFF-ON knob to ON.
       Bell System medallion is illuminated.
   (b) Turn Function Selector Knob to AUTOMATIC
       ANSWER, Amber light beneath AUTOMATIC
   ANSWER on panel will be lighted.
The 2A Telephone Answering Set is now ready to automatically answer a call.

> **Caution: The subscriber should be instructed that the "Automatic Answer" light will go out when the 2A Telephone Answering Set is automatically answering a call.**

3.04 The subscriber may pick up an incoming call that the 2A Telephone Answering Set is automatically answering. Pick up associated telephone handset and turn the OFF-ON knob to OFF then the incoming call can be received by the subscriber.