BELL SYSTEM PRACTICES
Station Operations Manual
Associated Station Apparatus

SECTION C43.021.1
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AT&TCo Standard

2A TELEPHONE ANSWERING SET

DESCRIPTION

1.00   GENERAL

1.01   This section was formerly Station Installation and Maintenance Section C55.616, Issue 3. Except for editorial changes and renumbering for inclusion in the Station Operations Manual, no other revisions have been made.

1.02   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.

1.03   The 2A telephone answering set is connected to a telephone line and operates in conjunction with a standard telephone set. (See Fig. 3.)
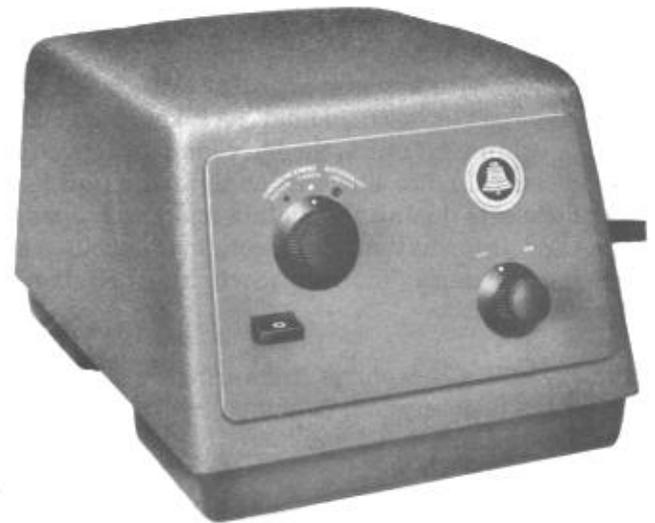

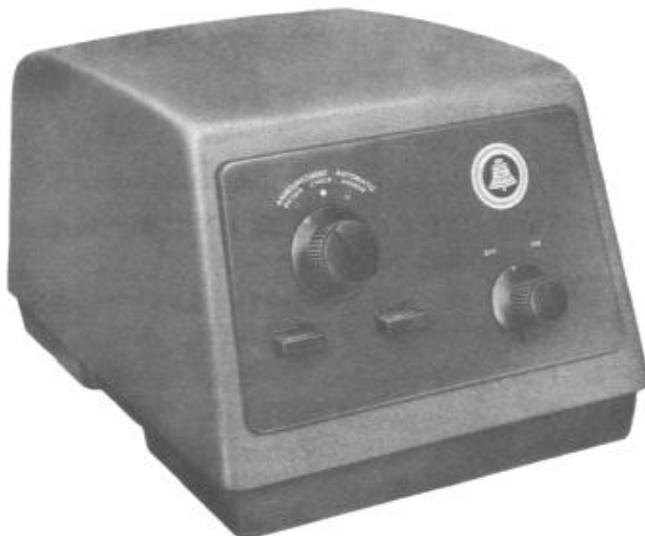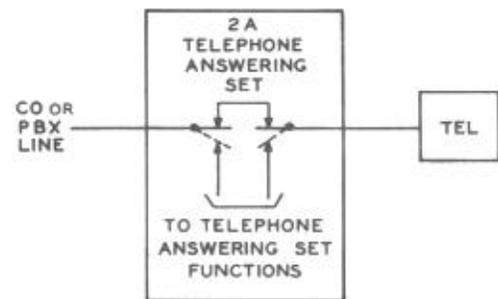Fig. 2 — 2A Telephone Answering Set — Standard Set

Fig. 1 — 2A Telephone Answering Set — Early Type

Note: The OFF-ON switch is shown in the OFF position by solid lines and in the ON position by dotted lines.

Fig. 3 — Schematic of 2A Telephone Answering Set with Associated Customer's Line and Telephone

2.00 DESCRIPTION

2.01 The 2A telephone answering set can be used at common battery stations of the following classes of manual and dial service:

- Individual lines
- 2-party selective
- 4-party selective
- PBX stations

2.02 The 2A telephone answering set also can be used with key systems. However, when the early-type set is used behind 1A1 key telephone system equipment units, the busy lamp of the associated central office line will be lighted on all key telephone sets during the dictate and check operation. For information, see Section C43.050, Answering Systems to Key Switching Systems, Connections.

2.03 The 2A telephone answering set, as normally connected, is equivalent to one high-impedance ringing bridge.

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 the customer's 105- to 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 vibration of a relay in the 2A telephone answering set to inform the customer of an incoming call while the set is in use.

2.07 Automatic volume control (AVC) which is incorporated in the standard 2A telephone answering set is not provided in the early-type set.

2.08 The controls on the front panel of the 2A telephone answering set are as follows:

- OFF-ON knob
- Early-type sets, START and STOP buttons
- Standard sets, OPERATE (O) button

- Function selector knob with positions marked on front panel as follows:
ANNOUNCEMENT DICTATE
ANNOUNCEMENT CHECK
AUTOMATIC ANSWER

2.09 There are three indicating lights on the front panel:

- OFF-ON light (Bell System medallion)

The OFF-ON light (Bell System medallion) will not be provided in the initial production of standard 2A telephone answering sets. Later standard 2A sets will be equipped with the OFF-ON light.

- ANNOUNCEMENT DICTATE light (red)
- AUTOMATIC ANSWER light

2.10 The maximum length of the announcement message of the 2A telephone answering set is preadjusted to 30 seconds and shall not be changed in the field without authorization. The maximum message length may be readjusted to range from 5 to 60 seconds.

2.11 The actual length of the announcement message is controlled manually within the above limits as follows:

- Early-type sets, by operation of the STOP button.
- Standard sets, by releasing the OPERATE button.

3.00 OPERATION

3.01 To dictate an announcement message:

1. Turn OFF-ON knob to ON. Bell System medallion is illuminated.
2. Turn function selector knob to AN-NOUNCEMENT DICTATE.
3. Pick up associated telephone handset.
4. On early-type sets, depress the START button momentarily. On standard sets, depress and hold down the OPERATE button.
5. When the dictate (red) lamp lights, dictate the message clearly and distinctly into the handset transmitter.

6. The dictate light flashes several times at least 5 seconds before the end of the recording time.

7. On early-type sets, depress the STOP button promptly on completion of the message and hang up the handset. On standard sets, release the OPERATE button promptly on completion of the message and hang up the handset.

These steps are necessary in order to release the customer's line immediately after completion of the announcement. If the message is not completed when the dictate light is extinguished, the message must be re-recorded in shortened form. The previous announcement message is automatically erased when a new message is dictated.

3.02 To check the announcement message:

1. Turn OFF-ON knob to ON. Bell System medallion is illuminated.

2. Turn function knob to ANNOUNCEMENT CHECK. There is no light for this function.

3. Pick up associated telephone handset.

4. On early-type sets, depress the START button momentarily. On standard sets, depress and hold down the OPERATE button.

5. Listen to recorded announcement as reproduced in telephone handset receiver.

6. On standard sets, release OPERATE button at end of the announcement.

3.03 For the automatic answer function, proceed as follows:

1. Turn OFF-ON knob to ON. Bell System medallion is illuminated.

2. Turn function selector knob to AUTOMATIC ANSWER. AUTOMATIC ANSWER (amber) lamp lights.

The 2A telephone answering set is now ready to answer an incoming call automatically.

Caution: The customer should be instructed that the AUTOMATIC ANSWER light will go out when the 2A telephone answering set is answering a call automatically.

3.04 The customer may pick up an incoming call while the 2A telephone answering set is answering automatically by turning the OFF-ON knob to OFF.