

## KS-16765, LIST 1 ANNOUNCEMENT SET IDENTIFICATION AND ASSEMBLY OF PARTS

### 1. GENERAL

1.01 This section is reissued to:

- Change Fig. 1, 2, and 3.
- Add Fig. 4 and 5.
- Add information on 3-minute pulley.
- Add information on KS-16765, List 6 amplifier.

1.02 It is intended that CD- and SD-95286-01 be used with this section.

1.03 The KS-16765, List 1 announcement set (Fig. 1) is a general purpose announcement set. Its facilities provide:

- (a) Recording and reproducing of announcements on a magnetic recording band.

- (b) Announcement recording capacity of 2 minutes with provision for increasing to 3 minutes where required.



*Recording capacity of 3 minutes may be provided on sets with list 3 recorders equipped with B-650412 drive assemblies. These sets are identified by a black star located at the upper right corner of the announcement set name plate. Sets without this marking have list 3 recorders that are equipped with KS-15914 motors and are limited to a 2-minute recording capacity.*

- (c) Adjustment for limiting announcement recording interval to less than maximum capacity.

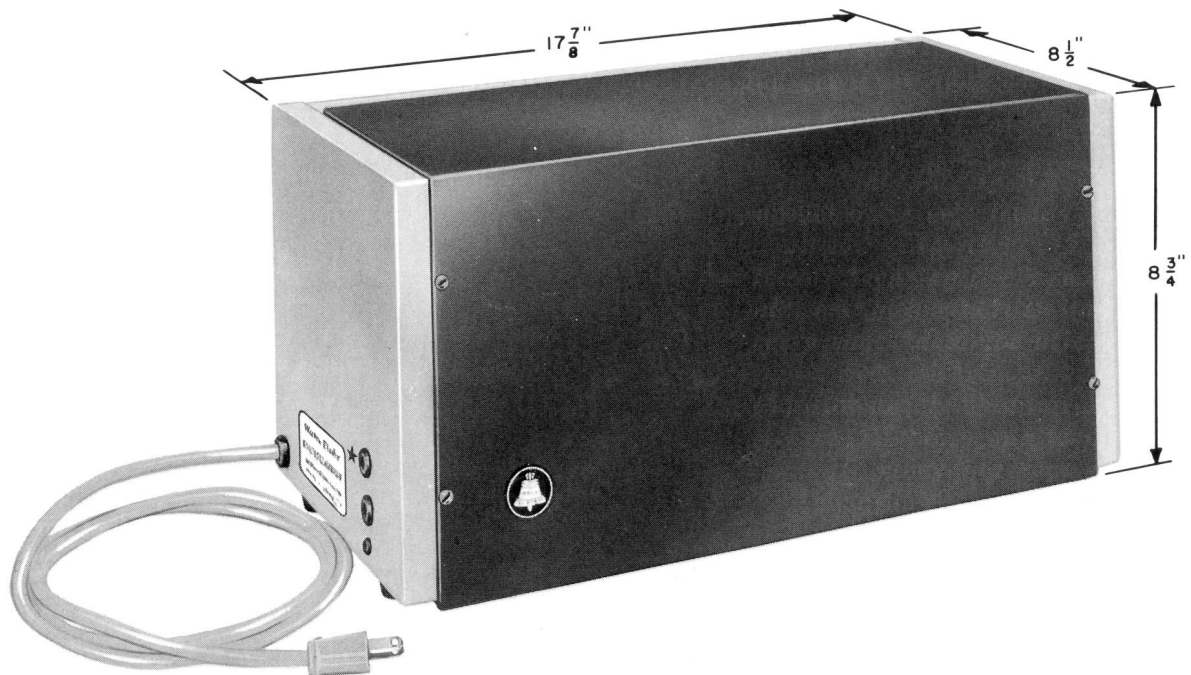


Fig. 1 — Announcement Set Dimensions

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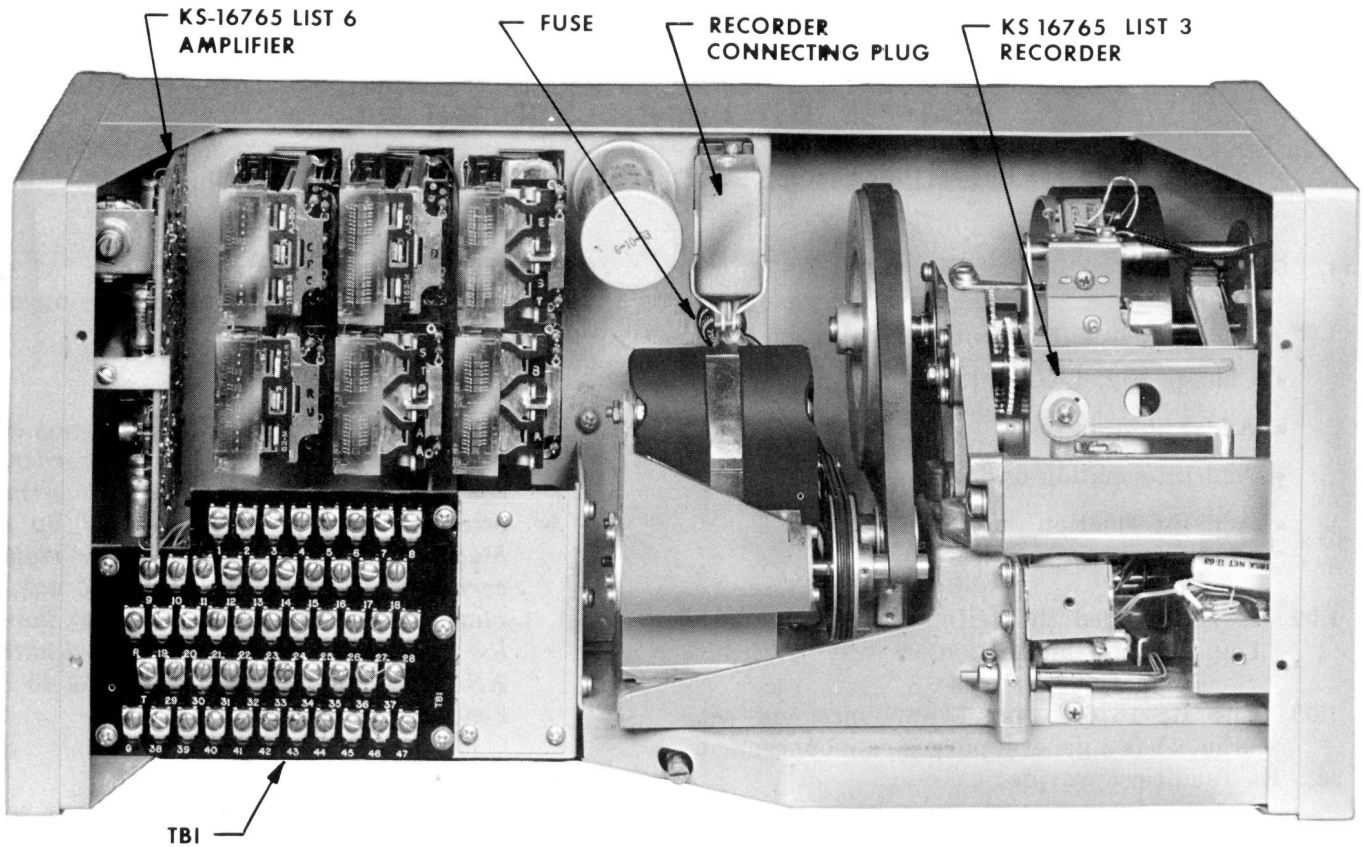


Fig. 2A — KS-16765, List Announcement Set (Front Cover Removed)

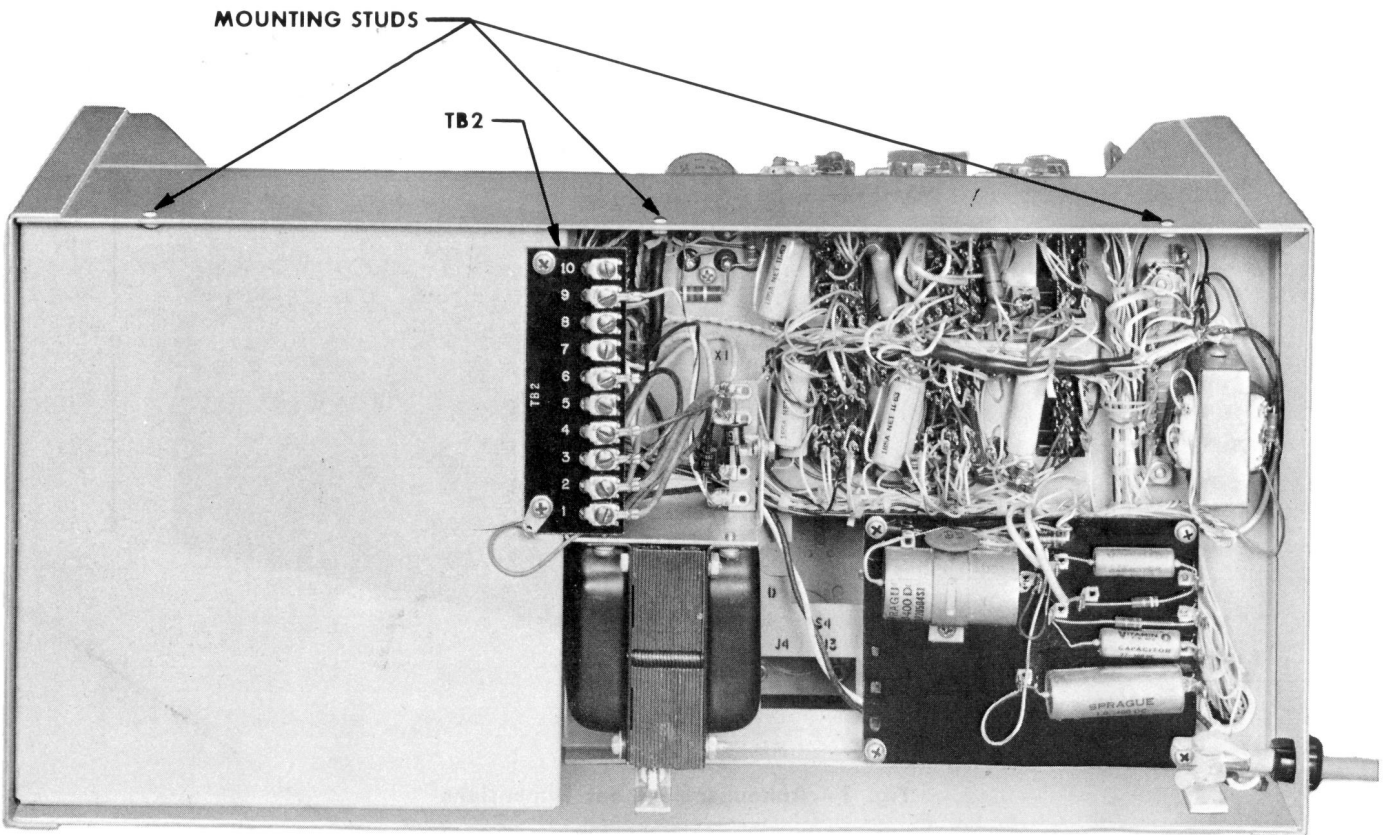


Fig. 2B — KS-16765, List 1 Announcement Set (Rear Cover Removed)

(d) Variable cycle feature that automatically adjusts reproduce cycle to length of recorded announcement.

**1.04** This set is intended for service in telephone answering and announcement applications in which the unit is installed on a customer premises, either wall mounted or placed on a desk, table, or shelf.

**1.05** The set weighs approximately 40 pounds. It is housed in a metal cabinet that has a removable front and back (Fig. 2 and 3). The cover has a blue gray enamel finish and the chassis has a light olive gray finish. Dimensions of the set are shown in Fig. 1.

**1.06** The set is controlled remotely for recording and checking announcements by means of the pushbutton keys on either a modified key telephone set or a 6040B or 6041B key with a 500-type telephone set. These control units may be located as much as several hundred feet from the announcement set.

**1.07** A power source of 110/125-volt, 60-cycle ac is required for this set. Outlet and power are provided by the customer.

**1.08** A 1-amp fuse is provided in this set for electrical protection (Fig. 2).

**1.09** The KS-16765, List 1 announcement set (Fig. 2) consists of:

- KS-16765, List 3 Recorder
- KS-16765, List 6 Amplifier
- Chassis and Cover

## 2. IDENTIFICATION OF MAJOR COMPONENTS

**2.01** The KS-16765, List 3 recorder (Fig. 3) is the announcement recording mechanism. It consists of a magnetic recording band on a revolving drum, a magnetic record-reproduce head, a drive motor, and apparatus for tracking and switching.

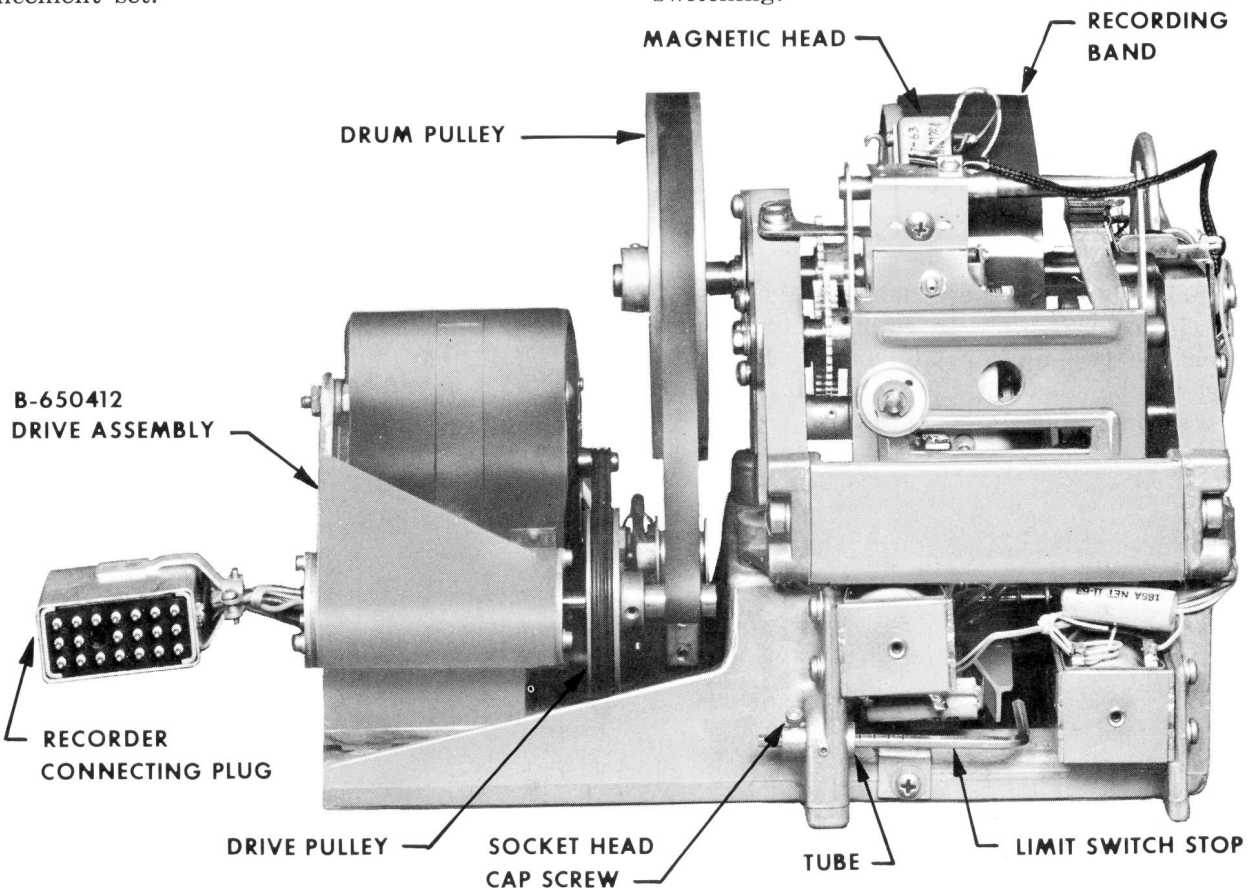


Fig. 3 — KS-16765, List 3 Recorder

**2.02** The recorder provides a maximum announcement recording capacity of 2 minutes with optional provisions for increasing to 3 minutes where required. It also incorporates a variable cycle feature that limits the reproduce cycle to the duration of the recorded announcement only.

**2.03** Facilities are provided for limiting the maximum recording interval to any portion of the total capacity. This is accomplished by adjustment of the limit switch stop.



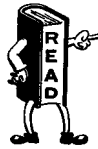
*The seven marks on the limit switch stop may be used as guides for setting the maximum recording interval and represent times of approximately:*

**Announcement Recording Interval**

Mark	2-Minute Capacity	3-Minute Capacity
	sec	sec
1	0	0
2	15	22-1/2
3	30	45
4	45	67-1/2
5	60	90
6	90	135
7	120	180

**2.04** For intervals other than those shown, it will be necessary to estimate the setting between the two appropriate marks. The mark nearest the bent end of the stop (No. 1) represents 0 seconds.

**2.05** The KS-16765, List 6 Amplifier (Fig. 4) is a printed wiring card transistor amplifier for recording and reproducing. The amplifier incorporates an automatic volume controlled circuit. Power required for operation of the amplifier is supplied by the announcement set. The list 6 amplifier supersedes the list 4 amplifier and will function in all sets.

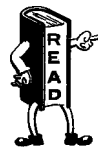


*Earlier type KS-16765, List 1 announcement sets are equipped with list 4 amplifiers. The list 4 amplifier should only be used in sets with serial numbers lower than 8136.*

**3. B-650417 3-MINUTE PULLEY (FIG. 5)**

**3.01** This pulley is used to increase the maximum announcement recording capacity from 2 minutes to 3 minutes. The 3-minute pulley reduces the angular speed of the recording drum, thereby increasing the announcement capacity.

**3.02** As shown in Fig. 6 the 3-minute pulley differs from the 2-minute in that the smaller diameter extension is not provided and hence, the flat drive belt is driven directly from the shaft.



*The B-650417 3-minute pulley is not furnished as part of the set and must be ordered separately.*

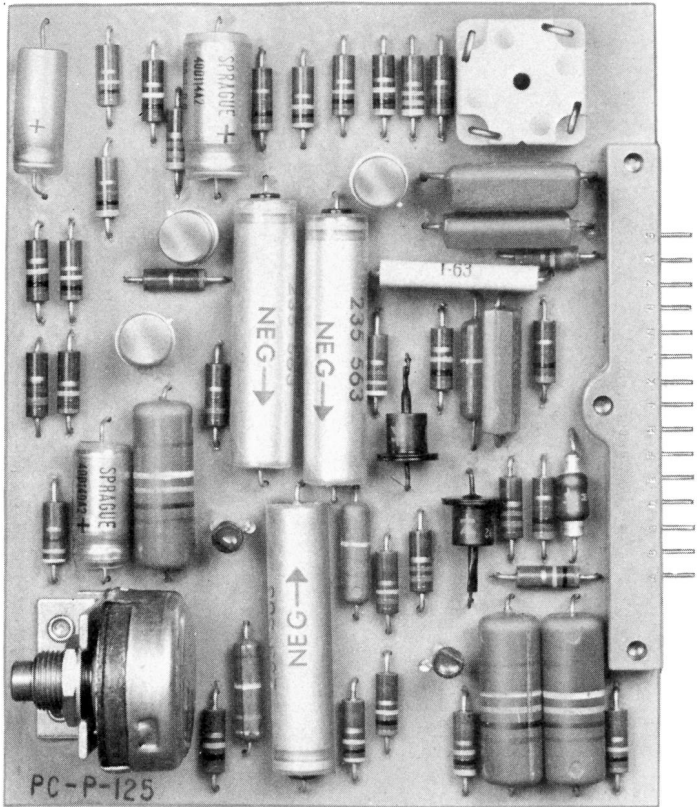


Fig. 4 - KS-16765, List 6 Amplifier

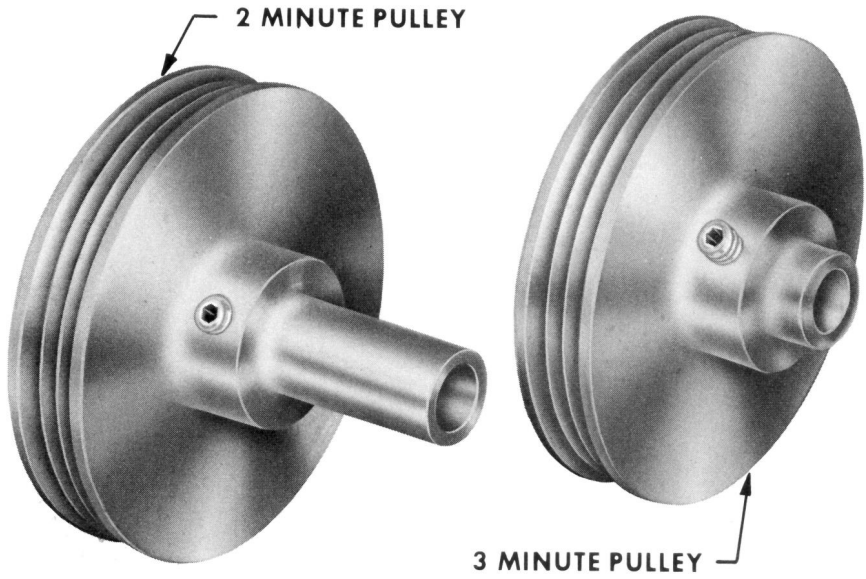


Fig. 5 - Drive Pulley