

## RINGING SUPPLY KS-5585 LIST 01 AND LIST 06 (STATIC RINGING GENERATORS) INSTALLATION

### 1. GENERAL

1.01 This section describes the general requirements and methods for installing KS-5585, List 01 and List 06, static ringing generators. These generators are particularly applicable for use with small dial PBXs, such as No. 750A and No. 755A and small manual PBXs having ringing requirements ranging between 50- and 100-milliamperes.

1.02 This section is reissued to incorporate material from the addendum in its proper location.

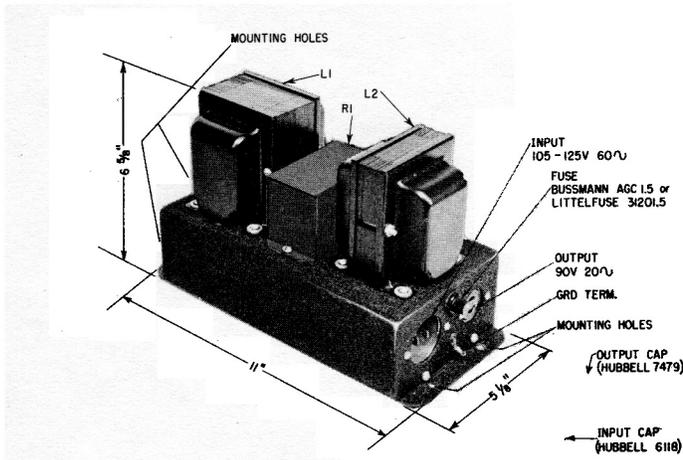


Fig. 1—KS-5585, List 01 and List 06 Static Ringing Generators

1.03 The KS-5585, List 01 and List 06, static ringing generators operate from a 105- to 125-volt, 60-cycle, power supply and have a 20-cycle output of 100 milliamperes, 75- to 110-volts, and are equipped with separable plugs and receptacles for connecting the input and output leads. These plugs and receptacles are of different types to prevent the leads from being accidentally interchanged. See Fig. 1.

1.04 The output power is sufficient to supply ringing current simultaneously to ten high impedance ringers with 0.50 MF capacitors, or six low impedance ringers with 1.0 MF capacitors, or equivalent.

### 2. MATERIALS

2.01 The materials required are:

- (a) One KS-7586 Cord, 6-foot (for connecting input).
- (b) Inside wire, screws, etc., usually employed in station work.

(c) One 165 Backboard, or equivalent, as required.

### 3. INSTALLATION

#### Selecting a Location

3.01 The location for the generator shall be:

- (a) as close as practicable to an ac service outlet which is not controlled by a switch and the PBX or cross-connection terminal.
- (b) clean, dry free of fumes, and with adequate air circulation.
- (c) accessible for maintenance and acceptable to the customer.
- (d) free of hazards to persons or equipment.

#### Mounting

3.02 The wall, shelf, etc., selected shall be of sufficient strength to support the generator, which weighs approximately 17 pounds.

3.03 The generator shall be mounted on a backboard when attachment is made to masonry, plaster, tile, etc., or any surface where its use is required to provide a secure mounting for the generator.

3.04 The generator may be mounted on a shelf, or wall, or on the side of a desk as desired.

Note: When mounted on a wall or other vertical surface, it shall be mounted with the plug receptacles at either the right or the left side.

#### Connecting

3.05 The wire between the generator and the PBX terminal strip or cross-connection terminal shall be two conductor inside wire, or equivalent.

3.06 The input cord shall be cut to the required length by the installer and connected to the input cap supplied with the generator.

3.07 After installing the necessary wiring, make the required connections as shown in Fig. 2.

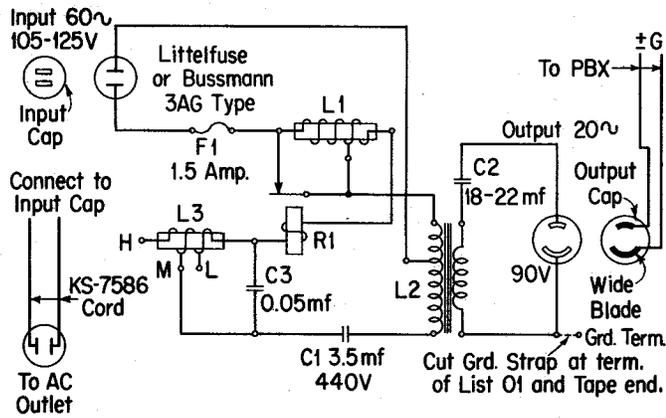
Note: The List 01 generator has a strap between the secondary winding of the transformer and the Grd terminal on the case. Remove the strap from the Grd terminal and tape the end. See Fig. 2.

3.08 Strap the Grd side of the battery supply to G of the generator supply at the PBX terminal strip or cross-connection terminal.

3.09 Place the power cord plug in the ac service outlet. Do not splice or use extension to cord.

3.10 The power cord shall not be attached to or pass through a floor, wall, or ceiling.

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**Fig. 2—Schematic Circuit Drawing—KS-5585, List 01 and List 06 Static Ringing Generators**

**Installing Case Ground**

3.11 Where local regulations require the case of the generator to be grounded, run an equivalent 20-gauge wire from the Grd terminal on the generator to the nearest approved ground.

**Fusing**

3.12 The generator is fused with a Littelfuse or Bussmann 3AG type 1.5 ampere fuse.

**Maintenance**

3.13 Do not attempt any maintenance on the generator beyond changing fuses. Tag and return defective units.

3.14 Do not attempt maintenance on power outlets or associated wiring provided by the customer. Advise customers when service interruption is caused by commercial power failure.