

GB105TTA* TRANSMITTER TRANSFER UNIT

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1. GENERAL

- 1.01 This section contains information on the GB105TTA Telephone Operators Transmitter Transfer Unit.
- 1.02 The transmitter transfer unit, a switchboard mounted device, enables an operator to transfer the headset transmitter from the switchboard communications function to another communication function (eg, paging).
- 1.03 A maximum of two GB105TTAs may be installed per customer system. This limitation is necessary because mutual exclusion cannot be extended beyond two units.
- 1.04 This unit meets the off-line transmitter monitoring requirements.

2. DESCRIPTION

- 2.01 The GB105TTA consists of a power transformer, footswitch, and transfer unit (Fig. 1).
- 2.02 The transmitter transfer unit is a box-type assembly with a front panel containing a double jack for the operators headset, a red power-on lamp, and a green unit-operating lamp. The rear

panel contains plugs for switchboard and footswitch connections. The power cord enters through the rear and is terminated inside the unit. An optional plug used for dual operation is also included on the rear of the unit.

2.03 This unit mounts under the switchboard. It is 3-½ inches wide, 1-½ inches high, and 8-½ inches long. An additional space of 2 inches is required behind the unit to accommodate plugs and wiring.

2.04 The cover of the unit is fastened via a quarter turn quick-release screw. It must be removed to mount the unit and to adjust unit output level.

2.05 The power supply consists of a 2012-type transformer which plugs directly into an electrical outlet. Unit must be located within 10 feet of the outlet.

2.06 When a call is received and paging is required, the calling party is placed on hold. The operator depresses the footswitch to transfer the headset transmitter from the switchboard circuit to the paging circuit.

2.07 When two switchboard operators have access to the same paging system (dual operation), a lockout feature is provided. This feature is mutually exclusive. When one operator is using the system, the other operator's position is automatically locked out.

3. INSTALLATION

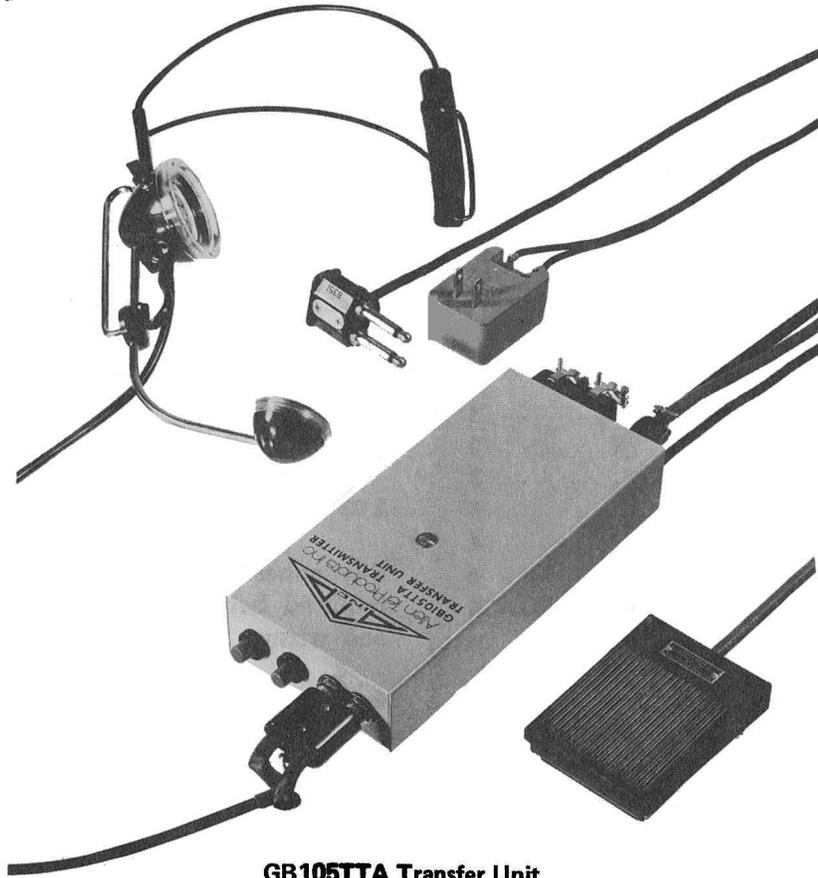
Single Position

3.01 The GB105TTA is shipped with the cord for the power transformer connected to the transfer unit. The footswitch is plug-ended and is connected to receptacle SK3 on rear of unit (Fig. 2).

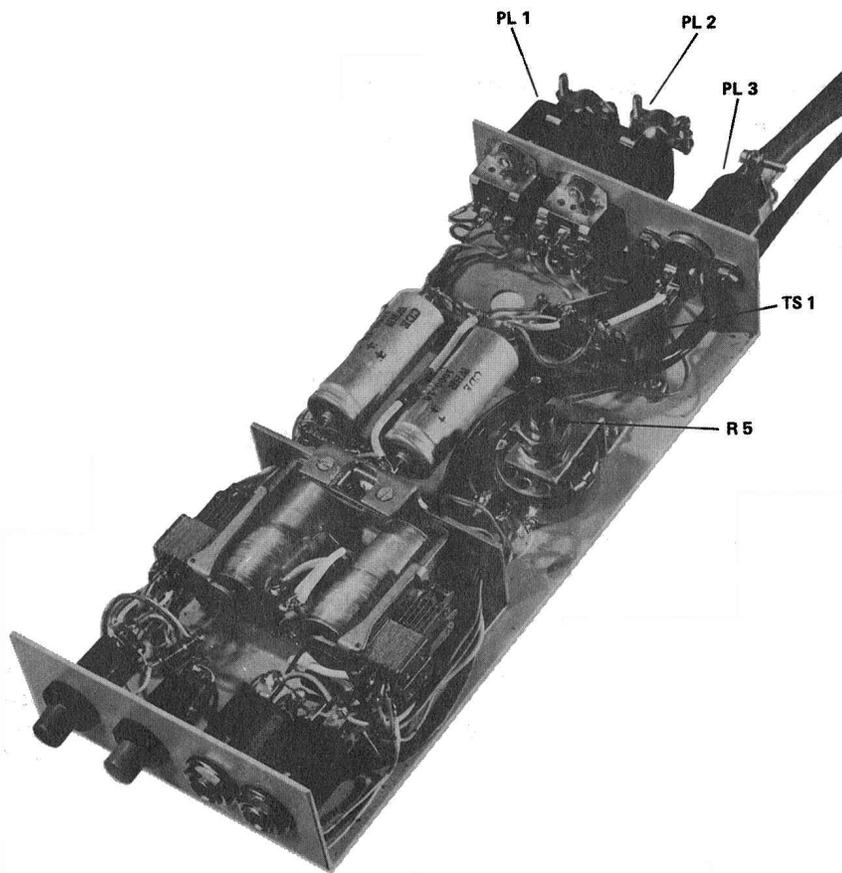
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NOTICE

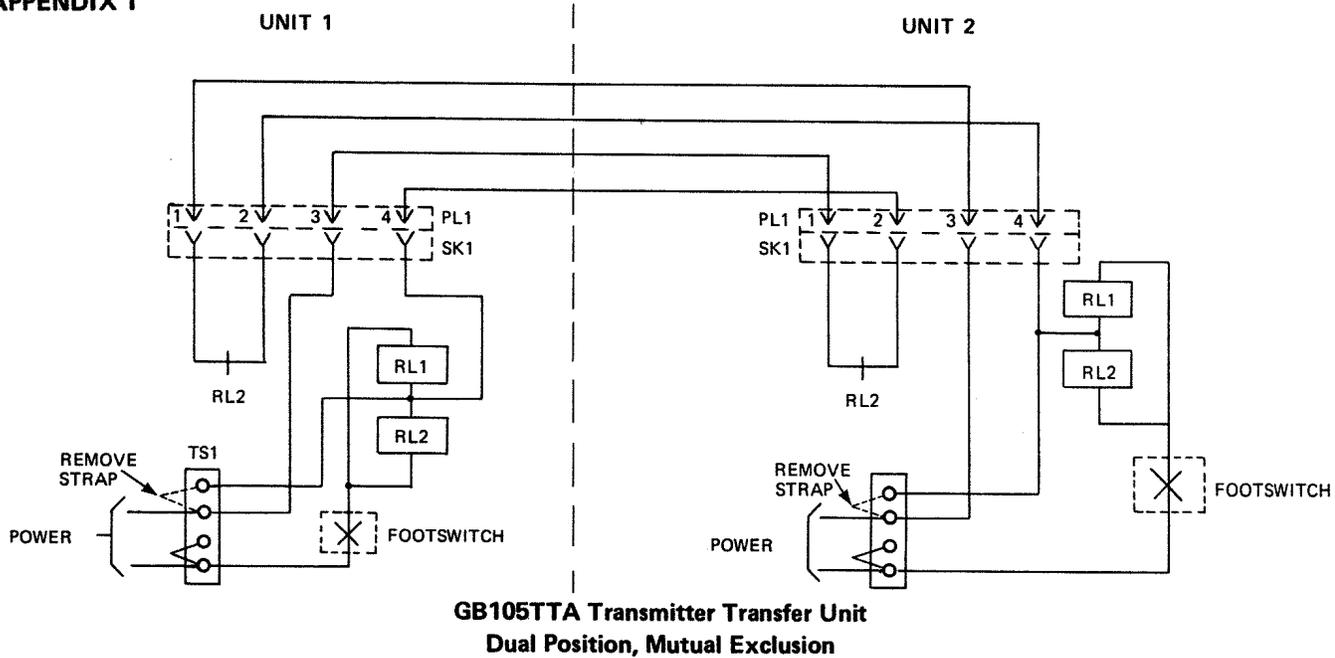
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GB105TTA Transfer Unit
Fig. 1



GB105TTA Transfer Unit With Cover Removed
Fig. 2



4. OPERATIONAL TESTS

Single Position

4.01 When power transformer is plugged into electrical outlet, the red power-on lamp on the transfer unit should light.

4.02 Make a switchboard test call to a distant party and ask them to stay on the line. Then place the party on hold.

4.03 Depress footswitch. The green unit-operating lamp should light and an announcement can be made over the paging system.

4.04 Release footswitch and ensure that a holding condition was maintained with the distant party during the transfer operation. The connection can then be released.

Dual Position

Note: In addition to making the above tests for each position in a mutually exclusive arrangement, the following tests should be made.

4.05 Check lockout feature between the two positions by depressing the footswitch on one unit and talking over the paging system. While this occurs, depress footswitch at other position. It should not be possible to transfer the second unit, either to light the green lamp or to page. Release both footswitches.

4.06 Move to other switchboard position and perform tests described in 4.05. The results should be the same.

4.07 To change an unsatisfactory paging level, remove cover on the transfer unit and adjust potentiometer R5. (Figure 2 shows the location and identification of R5.)

5. ORDERING

5.01 Order the GB105TTA unit on Form GTP2 as described in the General Trade Products and Service Catalog under "Communications Equipment — Graybar Electric Company."

5.02 Send blue copy of purchase order to:

- Northern California and Nevada —
District Manager — Cable Management
Room 204
1661 Doolittle Drive
San Leandro, CA 94577
- Southern California —
District Manager — Regional Supplies
Room 238
2420 Yates Avenue
Commerce, CA 90040

5.03 Order Wording —

(Qty) Transfer, Transmitter, Mod GB105TTA