

HANDSETS—G10-TYPE

1. GENERAL

- 1.01 This section contains identification, connections, and maintenance information on the G10-type handsets.
- 1.02 This section is reissued to add information on G10F handset.
- 1.03 These handsets are intended for use by government agencies for security reasons.
- 1.04 To talk or listen, it is necessary to depress a pushbutton in the middle of the handset handle. ♦Except for the G10F it is not necessary to depress a pushbutton to listen.♦
- 1.05 These handsets are factory sealed units.



**DO NOT OPEN, REMOVE, OR TAMPER
WITH A G10-TYPE HANDSET.**

- 1.06 Ordering should be restricted to authorized personnel only.

2. IDENTIFICATION

2.01 The G10A handset has two pushbuttons. The button near the receiver marked TALK controls a push-to-talk circuit. It is arranged to operate an external control circuit through a contact closure. The button near the transmitter marked LISTEN controls a push-to-listen circuit. A six conductor cord (H6E) connects the G10A handset to the telephone set.

2.02 The G10C handset is identical to the G10A except it is equipped with an H6F handset cord, which is terminated with a 425A plug and is intended for use with telephone sets equipped with No. 238, 239 or equivalent jacks.

2.03 The G10B handset has a single pushbar marked TALK & LISTEN. It controls a

push-to-talk and a push-to-listen circuit. A four conductor cord (H4CT) connects the G10B handset to the telephone set.

2.04 The G10D handset is identical to the G10B except it is equipped with an H4DD handset cord terminated with a 396A plug and is intended for use with telephone sets equipped with No. 364 or equivalent jacks.

2.05 The G10E handset is identical to the G10B, except it is furnished from the factory equipped with a 3B cord reel which has a 6 foot length cord instead of a H4CT handset cord.

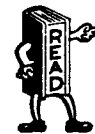
2.06 The G10F handset includes a push-to-talk switch, a printed circuit amplifier, and H4CT cord. It provides very high reverse isolation between the receiver and the line. This feature in conjunction with the push-to-talk switch makes the G10F handset useful in an installation in a high security environment.

2.07 These handsets, except for the G10E are supplied with ♦a 6- or 12-foot♦ retractile cord. Orders for handsets must include length desired.

The G10E handset shall not be used when the console, telephone set, etc. is subjected to temperatures below 40 degrees F.

2.08 G10-type handsets are available in standard telephone colors. Cords of G10C and G10D handsets are equipped with plugs having matching colored shells.

3. CONNECTIONS



No changes in wiring other than those specified in this practice shall be made.

3.01 The G10A, G10B, and ♦G10F♦ handsets can be connected to any 500, 600, or 700 series

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telephone set that is compatible with a G-type handset.

3.02 The G10C and G10D handsets can be connected to any jack equipped telephone set that is compatible with a G-type handset.

3.03 The G10E handset equipped with a 3B cord reel is intended for use with console type installations.

3.04 Replace regular G-type handset with G10A by connecting:

- (R), (R) leads to same terminals from which (R), (BK) leads are removed. (Polarity is not important.)
- (W), (W) leads to same terminals from which (W), (W) leads are removed.
- (BK), (BK) leads to spare terminals or directly to mounting cord as required.

3.05 Replace regular G-type handset with G10B or G10F by connecting:

- (R), (BK) leads to same terminals from which (R), (BK) leads are removed.
- (G), (Y) leads to same terminals from which (W), (W) leads are removed. (Polarity is not important.)

3.06 Connections to the G10E handset are made at the 3B cord reel hub. The (BK) and

(R) leads are for the handset receiver and the (G) and (W) leads for the transmitter.

4. MAINTENANCE

4.01 With the exception of plug replacement on G10C and G10D no maintenance should be performed on these handsets without specific authorization.

4.02 In case of trouble with the handset or cord, replace handset and cord as a unit.

5. HANDLING REPLACED HANDSETS

5.01 All handsets removed from service should be returned to the Superintendent of Supply or equivalent.

5.02 Removed handsets should be accompanied by an RMN (Returned Material Notice). The RMN should clearly stipulate the service order (where applicable), telephone number or other station identification for maintenance replacements, description of the item, and the reason for removal, e.g., "HANDSET DEFECTIVE" or "WORKING STATION REMOVED FROM SERVICE."

5.03 Upon receipt, it is the Superintendent of Supplies responsibility to arrange for the disposition of defective handsets by mutilation. No shop repairs or salvage of parts should be performed. Handsets which are removed for other reasons, e.g., change in color, disconnections, etc., should be returned to the Western Electric Company Incorporated, which will handle the material in accordance with its instructions.