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SCANNER, TEST, AND ALARM EQUIPMENT J68918  
SCANNER FUNCTION TESTS  
COMMON EQUIPMENT  
ANALOG MULTIPLEX TERMINAL EQUIPMENT

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This section provides a procedure for checking the operation of supergroup scanner J68918. This section is reissued to correct an error in the *Note* following Step 8. Arrows are used to indicate significant changes. *Equipment Test Lists are not affected.*

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STEP	PROCEDURE
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*Note:* If the indicated pushbutton does not light in the following steps, pull off the plastic cover and replace the lamp.

**Manual Mode**

- 1 Depress the MAN pushbutton on the scanner control panel (Fig. 1).

*Requirement:* The MAN pushbutton lights.

*Note:* One SG and one BK pushbutton will be lighted. In case of trouble in the selected supergroup, the RST pushbutton associated with the selected bank will also light.

- 2 Depress the BK 1 pushbutton.

*Requirement:* The BK 1 pushbutton lights.

*Note:* The SG pushbutton lamp remains lighted. In case of trouble in the selected supergroup, the RST 1 pushbutton will also light.

- 3 Depress the SG 13 through SG 28 pushbuttons, in turn.

*Requirement:* Each pushbutton lights as the pushbutton is depressed and the pushbutton previously lighted is extinguished. The red ALM lamp lights on the supergroup amplifier selected.

*Note:* In case of trouble in the selected supergroup, the RST 1 pushbutton will also light.

**NOTICE**

Not for use or disclosure outside the  
Bell System except under written agreement

STEP

PROCEDURE

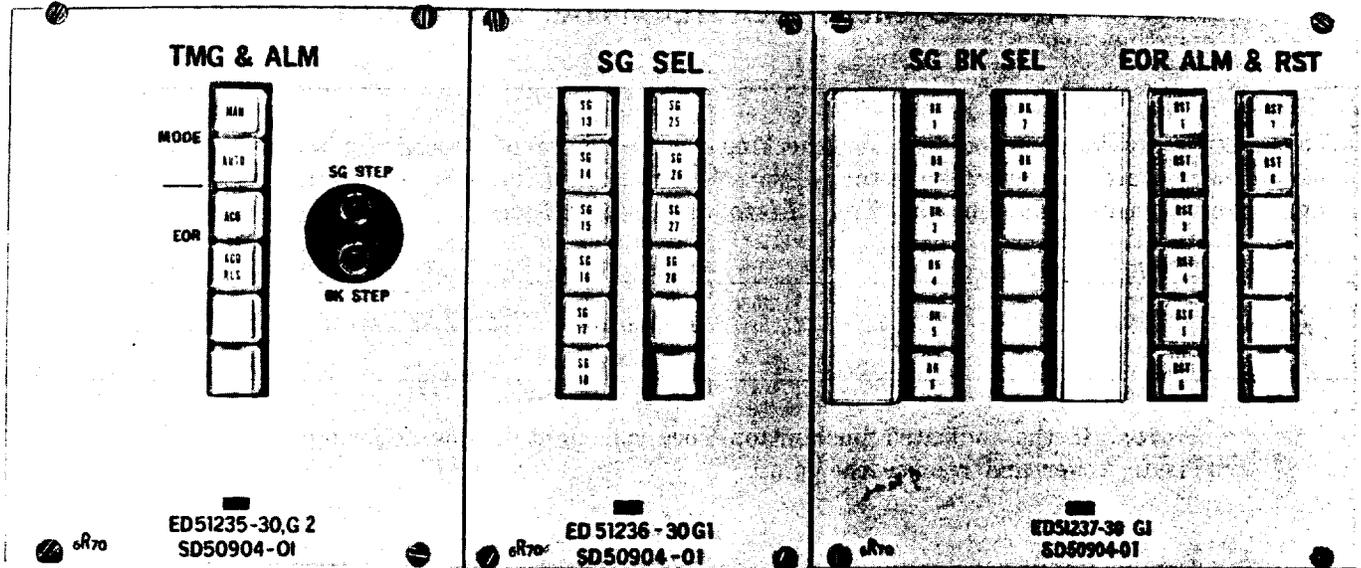


Fig. 1—Scanner Control Panel

- 4 Observe the GAIN and LEVEL meters after each pushbutton has been depressed.

**Requirement:** These meters indicate the gain deviation and the pilot level deviation from nominal in the supergroup amplifier selected.

**Note:** For an unequipped supergroup, a terminating unit must be provided in the shelf position to prevent a false end-of-range alarm.

- 5 Repeat Steps 2 through 4 for the other supergroup banks by operating the BK 2 through BK 8 pushbuttons, in turn.

- 6 Connect the remote control cord with two pushbuttons to the STEP jacks.

**Note:** Insert the plug with the ridged edge up.

**Requirement:** The MAN pushbutton is extinguished and the AUTO pushbutton lights. The selected SG and BK pushbuttons remain lighted.

- 7 Depress the bank and supergroup pushbuttons in the cord to check that any desired bank and supergroup can be selected.

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STEP	PROCEDURE
	<p><i>Note:</i> While the cord is in use, the pushbuttons for the selected bank and supergroup are lighted.</p>
8	<p>Remove the plug from the STEP jacks.</p> <p><i>Requirement:</i> The AUTO pushbutton remains lighted.</p> <p><i>Note:</i> ♦The group walking relays can be heard to operate every 12 seconds. After the group walking relays have operated, the next SG pushbutton will light.♦</p>
9	<p>Depress the ACO pushbutton.</p> <p><i>Requirement:</i> The ACO pushbutton lights, the MAN pushbutton remains extinguished, and the AUTO pushbutton remains lighted.</p>
10	<p>Depress the ACO RLS pushbutton.</p> <p><i>Requirement:</i> The ACO pushbutton is extinguished and all other pushbuttons remain as before.</p> <p><i>Note:</i> When either the MAN or ACO pushbutton is depressed, a timing circuit is started. After approximately four hours, the scanner is returned to the automatic mode.</p> <p><b>Automatic Mode</b></p>
11	<p>Depress the AUTO pushbutton on the scanner control panel.</p> <p><i>Requirement:</i> The AUTO pushbutton lights.</p> <p><i>Note:</i> One SG and one BK pushbutton will be lighted. In case of trouble in the selected supergroup, the RST pushbutton associated with the selected bank will also light.</p>
12	<p>Depress the ALM TST pushbutton and hold depressed for at least 2 seconds.</p> <p><i>Requirement:</i> The RST pushbutton associated with the selected bank lights.</p>
13	<p>Depress the ACO, ACO RLS, and lighted RST pushbuttons.</p> <p><i>Requirement:</i> The RST pushbutton is extinguished and the office alarm is silenced.</p> <p><b>Manual Mode</b></p>
14	<p>Depress the MAN pushbutton.</p>
15	<p>Repeat Steps 12 and 13.</p>
16	<p>Depress the AUTO pushbutton to restore the scanner to normal operation.</p>

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