

# DEPARTMENT OF THE ARMY TECHNICAL BULLETIN

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## OPERATION OF LS-671 LOUDSPEAKER WITH SINGARS RADIO SETS

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Headquarters, Department of the Army, Washington, DC

1 APRIL 1993

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1. **Purpose.** This technical bulletin provides the information and procedures for operating the Loudspeaker-control unit, LS-671/VRC, with RT-B of a dual SINGARS family radio set configuration with RT-A, bottom RT, in operation with the AN/VIC-1 intercommunications system.

#### 2. References

| <u>PUBLICATION NUMBER</u> | <u>DATE</u>      | <u>TITLE</u>                             |
|---------------------------|------------------|--|
| TM 11-5820-890-10-1       | 1 September 1992 | SINGARS ICOM Ground Combat Net Radio     |
| TM 11-5820-890-10-3       | 1 September 1992 | SINGARS NON-ICOM Ground Combat Net Radio |

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3. LS--671 Installation/Operation.

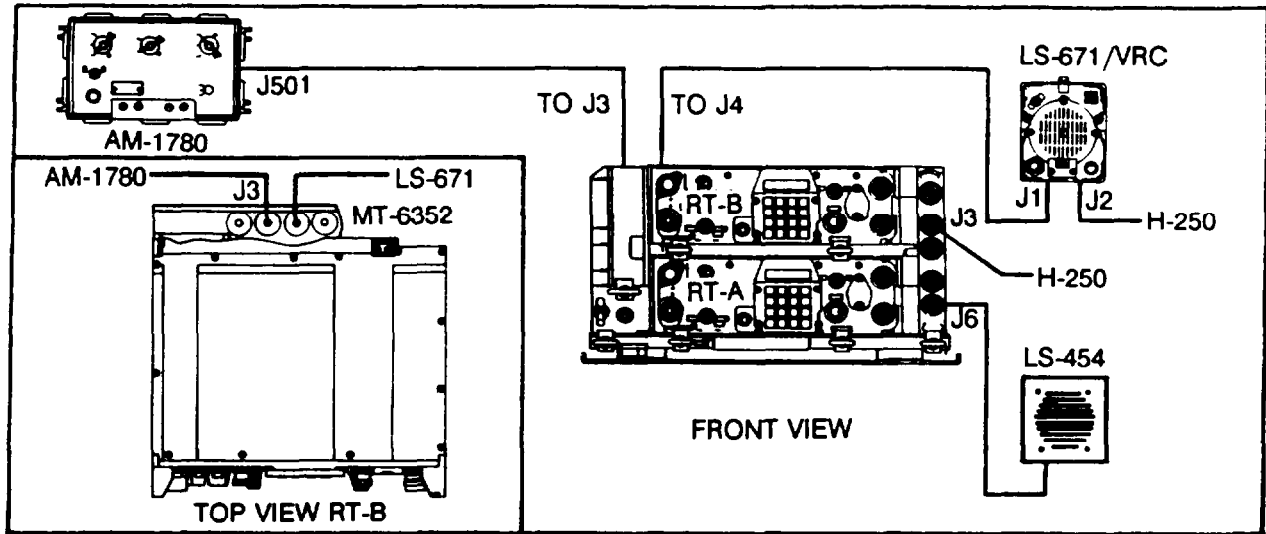


Figure 1. LS-671 Cabling to Dual Radio Set

a. Ensure that SINGGARS radio set is properly mounted and that cabling is in accordance with applicable operator technical manual and that pre-mission check for the radio set is performed.

b. **Cabling Instructions:**

- (1) Connect cables from J501 connector on AM-1780/VRC to J3 connector on the mounting adapter, MT-6352. This connects RT-A to the AN/VIC-1 system.
- (2) Connect cable (CX-13292) from J1 connector on LS-671 to J4 connector on the mounting adapter, MT-6352 to use LS-671 with RT-B.
- (3) Connect handset, H-250, to J2 connector on LS-671 to use with RT-B.
- (4) Connect LS-454 to J6 connector on amplifier adapter, AM-7239, for use with RT-A
- (5) Conned handset, H-250, to J3 connector on amplifier adapter, AM-7239, for use with RT-A

c. **Switch Setting and Operations:**

- (1) Turn the LS-671 power function switch to the on position and the volume control knob to the mid-range position.
- (2) Turn the volume control knob on RT-B to the minimum position (turn fully counter-clockwise).
- (3) Turn the volume control knob of RT-A to the mid-range position.
- (4) Place CB1 switch on the AM-7239 to the on position.

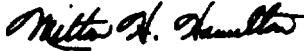
- (5) Establish normal voice communications with RT-A using handset, H-250, connected to the amplifier adapter, AM-7239, or with a CVC Helmet connected to the AN/VIC-1 intercommunications system.
- (6) Establish normal voice communication with RT-B using handset, H-250, connected to the LS-671. RT-B volume can be controlled through LS-671 volume control.

d. **Troubleshooting and Other Operations:** See referenced operator technical manuals.

By Order of the Secretary of the Army:

GORDON R. SULLIVAN  
General, United States Army  
Chief of Staff

Official:



MILTON H. HAMILTON  
Administrative Assistant to the  
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