

R E S T R I C T E D

ELECTRICAL AND MECHANICAL
ENGINEERING REGULATIONS
(By Command of the Army Council)

TELECOMMUNICATIONS
F 229 Misc Instr No 2

WIRELESS SET, CANADIAN, NO 19, MK 3

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

Voltmeter scale

SUMMARY

1. Some voltmeters X4/ZA14511 provided as maintenance spares for the Wireless set No 19 (all marks) have a 15V scale which is sub-divided into 24 parts so that each scale division corresponds to 0.625V instead of 0.5V as on the original instrument. The voltmeters concerned have serial numbers 104-1538 and are marked 'P & H Ltd' on the scale.

DETAIL

2. If any of the voltmeters described at para 1 come to hand they will be used for their intended purpose in the normal way and no defect reports will be submitted in respect of the scale peculiarity mentioned.

57/Maint/3964

END

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WIRELESS SET, CANADIAN, NO 19, MK 3

TECHNICAL HANDBOOK - MISCELLANEOUS INSTRUCTION

Incorrectly wired connectors

SUMMARY

1. A number of connectors, intended for use with Wireless set, Canadian, No 19, in 24 volt installations have the 6-point socket incorrectly wired. The designations and part numbers of the items concerned are:-

- (a) Connectors, twin, No 364, 2 ft long - Part No ZA 38931
- Connectors, twin, No 364, 2 ft 6 in. long - Part No ZA 43235
- Connectors, twin, No 364, 3 ft 6 in. long - Part No ZA 39393
- Connectors, twin, No 364, 4 ft 6 in. long - Part No ZA 39394
- Connectors, twin, No 364, 6 ft long - Part No ZA 37927

- (b) Connectors, 6 pt and 2 pt, No 2 - Part No ZA 41693

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These connectors (at (a) and (b)) have been wired as for the corresponding items for 12 volt installations ie negative lead to pins 1 and 6 and positive lead to pins 3 and 4, which will lead to damage due to short-circuit if the switch of the Supply unit, No 2 is inadvertently switched to VIB although operation is normal with the switch at DYN. This regulation details the action to be taken on all connectors of the types specified at (a) and (b).

DETAIL

2. (a) Using an Avometer or similar instrument check that the negative lead of the connector is connected to socket 1 of the 6-point socket only, and similarly that the positive lead is connected to socket 4 of the 6-point socket only. If a continuity check between the sockets discloses that socket 6 is linked to socket 1 and/or socket 3 is linked to socket 4, dismantle the 6-point plug and remove these links.

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END