

ERRATA

TM 11-638

WAR DEPARTMENT TECHNICAL MANUAL

RADIO SET AN/PRC-1 ()

CAUTION:

BEFORE REMOVING OR INSERTING RECEIVER TRANSMITTER RT/PRC-1 INTO SUITCASE BE CERTAIN THAT THE RECEIVER DIAL READS BELOW 2.

Page 1, Par. 2.

"Headset" should read "Headset HS-30".

"Key" should read "Key J-37".

"Technical Manual" should read "Technical Manual TM 11-638".

The following components should be listed:

- 1 Cord CD-201-A 18 in. (For Key J-37).
- 1 Mounting (for key J-37).
- 1 Cord CD-605 (For Headset HS-30).
- 1 Crystal Case CY-86/TRC-10, including 47 crystal holders FT-243 and crystals.
- 1 Wrench for 8-32 Allen Head Set Screw.
- 1 Wrench for 10-32 Allen Head Set Screw.

Page 5, Par. 8 a.

"76" should be "104".

Page 6, Par. 11 a. Add:

"(5) Allen Wrenches, (2)."

Page 6, Par. 11 b. Add:

"(6) Spare fuses."

Page 6, Par. 13 a.; Par. 13 b.

"Cord CD-201-A" should read "Cord CD-201-A 18 in."

Page 10, Par. 23 a.; Par. 23 c.

"PLT. VOL." should read "PLT. VOLTS".

Page 12, Par. 32 b.

This entire paragraph should read "CASE CY-86/TRC-10 contains 47 Crystal Holders FT-243."

Page 12, Par. 33 b. Omit:

"ground wire and selected crystal".

Page 15-36.c. (8).

During this operation, at certain frequencies, between 4 and 5 megacycles in the low band, 2 dips may be noticed. Select the dip at the highest frequency indication. If the incorrect dip is used, no minimum plate current drain will be noticed as called for in paragraph 36 C (11).

Page 16-40.g.

During this operation, at certain frequencies, between 4 and 5 megacycles, 2 dips may be noticed. Select the dip at the highest frequency indication. If the incorrect dip is used, the high pitched whistle will not be heard at the frequency of the inserted crystal as called for in paragraph 40 i.

Page 17-41.f.

During this operation, at certain frequencies, between 4 and 5 megacycles in the low band, 2 peaks may be noticed. Select the peaks at the highest frequency indication. If the incorrect peak is used, no minimum plate current drain will be noticed as called for in paragraph 41 h.

Page 17, Par. 41 i. Add:

"To insure the operator that the transmitter is delivering power to the antenna, hold the base of the neon bulb against the metal portion of the antenna binding post. The neon bulb will glow. The intensity of glow will increase with increased power output."

Page 20, Par. 46.

"powered iron" should be "powdered iron".

Page 20, Par. 48. Add:

"Immediately adjoining Condenser C 41, is a black terminal block. There is a wire, white with blue tracers, attached to this block. When this wire is in the position nearest the front panel, the receiver is connected for use with a low impedance headset. When this wire is in the position nearest the condenser C 41, the receiver is

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connected for use with a high impedance headset. The metal tag attached to the phone jack on the front panel should indicate the headset used. The word "HIGH" appears on one side of the tag and the word "LOW" on the reverse side.

Page 25, Par. 57 a. Add:

"The term 'output impedance switch' refers to the terminal block described in this 'Errata' under Page 20, Par. 48, immediately above.

Page 25, Par. 57 b.

"400-ohm series resistor" should be "0.05 mfd. series capacitor".

Page 25, Par. 57 c. Add:

"For this adjustment set the CAL. CW. PHONE SWITCH in the CW position."

Page 26, Par. 57 d.

"0.05 series capacitor" should be "400 ohm series resistor."

Page 30, Par. 61 d.

The sequence of operations should be: d (5), d (4), d (3), d (2) and d (1). Under d (5) "10 ma." should be "21 ma.", "7 ma" should be "15 ma".

Page 31, Par. 61 d (6).

"Load resistor" should be "Shunt resistor."

Page 31, Par. 62 c. (2) (c).

"Four screws" should be "six screws".

Page 34.

See attached sheets.

Page 35.

C 18, C 13, C 31—Quantity per unit should be 3.

Page 37.

Signal Corps Stock No. 2Z5842-23 KNOB—dwg. No. should be "L-20460-B."

Signal Corps Stock No. 2Z5842-18 KNOB—dwg. No. should be "L-20460-B."

Page 38. Add the following items:

R4 3Z5994A1 Resistor: fixed; wire wound; 4.17 ohms $\pm 3\%$ special; North American Philips dwg. No. S1.264.04 1

R6 3Z5999A1 Resistor: fixed; wire wound; 9.10 ohms $\pm 3\%$ special; North American Philips dwg. No. S1.264.05 1

R8 3Z5988D4 Resistor: fixed; wire wound; .840 ohms $\pm 2\%$ special; North American Philips dwg. No. S1.264.03 1

Page 39. Add to R29:

"R34; R35".

Quantity per unit should be "3".

Add the following items:

SW4 3Z9826-24.6 Switch: rotary; single section, 5 position; calibrate, c.w. phone switch; North American Philips Dwg. No. S1.701.02 1

SW1 3Z9826-24.7 Switch: rotary; 2-section; 2 position band-transmitter switch; North American Philips Dwg. No. S1.701.04 1

SW5—Add: "Meter Switch"; "dwg. No. S1.701.02" should be Dwg. No. G8.710.14.

Page 41, T5—Add:

"North American Philips Dwg. No. S1.231.06".

"Cord CD-201-A: (for Key U-37)" should be "Cord CD-201-A 18 in. (for Key J-37)".

Stock No. "3E1201A" should be "3E7207-2".

Stock No. "2B8300" should be "2B830U".

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