



CONDENSED OPERATING INSTRUCTIONS FOR TW/RT5500 DATA TERMINAL

(Numbers in parentheses correspond to those in the diagrams. See manual for additional details).

I. INSTALLATION

- A. Apply proper ac or dc voltage to the appropriate connector (1 or 2).
- B. Connect transceiver to control socket (3).
- C. Ground at contact provided (4).

II. BASIC OPERATION (Non-ARQ mode)

- A. POWER (5), DISPLAY (6), and AUTO (7) ON; ARQ (14) OFF.
Set brilliance (8).
- B. STATUS (9) to "NRM," TONES (10) to "A."
- C. Select baud rate and code (Baudot/ASCII) **SHIFT** **MODE**.
Selection appears on status line (11).
- D. To transmit: Press **TX/RX**, status line (12) will flash "transmit." Type message, press **TX/RX** to receive.
- E. To store numbered message: From receive, press **SHIFT** **MRKR**. Type message, press **MRKR** to end.
- F. To transmit numbered message: Place cursor on S/X marker with **CTRL** **↑** or **↓**. Press **SHIFT** **TX/RX**.
Terminal transmits, returns to receive automatically.
- G. SELCALL and TRANSPOND: Press **SHIFT** **HOME** for special menu. Enter eight-digit codes. Press **HOME** to restore normal screen. Press **SHIFT** **SELCAL** or **SHIFT** **TRANSPOND** to toggle features on/off. Status line (13) indicates function.
- H. Protected-memory area: Access special menu per "G" above. Press **↑**. To restore normal screen, press **HOME**.

III. ARQ OPERATION (Error-correcting mode)

- A. ARQ (14) and DISPLAY (6) ON, AUTO (7) OFF. POWER

(5) ON. RX SELCAL is automatically loaded (15). Push RESET (16) if ARQ is switched on after power. STBY (18) is now lit.

- B. To start ARQ link: Push ARQ/STBY (17). Press **TX/RX**, enter TX SELCALL, press **RETN**. When SEND (18) is lit, transmission may begin.
- C. To receive: Send characters "+?" at end of message.
- D. To interrupt incoming transmission: Push FEC/OVER (19). Terminal will regain TX end of link, SEND (18) lights.
- E. To break ARQ link: With SEND (18) lit, push ARQ/STBY (17).

IV. FEC (Forward Error Correction) Mode

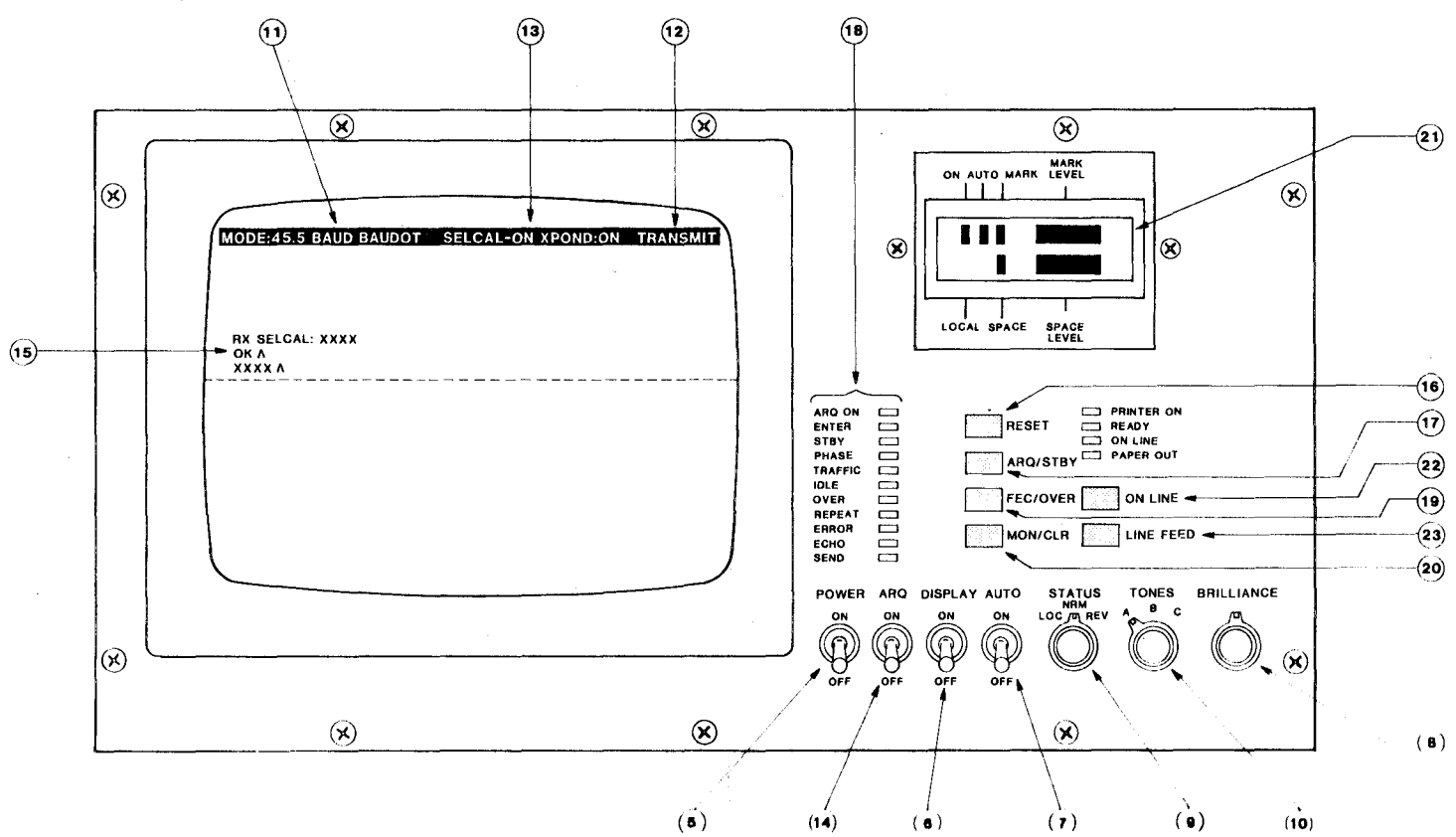
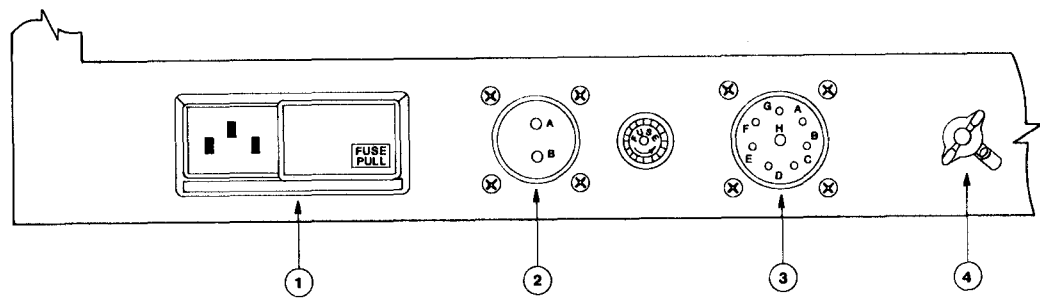
- A. To transmit: Follow IIIA above. Push FEC/OVER (19), begin transmission. Push ARQ/STBY (17) after message.
- B. To receive FEC: Follow IIIA above.

V. MONITOR MODE

- A. To monitor another ARQ link: From IIIA above, push MON/CLR (20). Push ARQ/STBY (17) to return to STBY.

VI. MISCELLANEOUS

- A. Receiver tuning: Adjust receiver so MARK and SPACE LEVELS (21) are equal.
- B. Printer controls: Push ON LINE (22) to connect/disconnect printer. To feed paper, take printer off line, push LINE FEED (23).
- C. Clearing memory: Press **SHIFT** **CLEAR** 2 seconds to erase TX buffer. Press **CLEAR** to erase RX buffer.



- (5)
- (14)
- (6)
- (7)
- (8)
- (10)

(B)