ADTRAN
Quick Start Guide

TOTAL ACCESS 544R | **P/N 1200704L3**

Reviewing the Front Panel

LAN LEDs   WAN LEDs   Power LED

LAN — TX/RX   LINK   WAN — STAT   ERR   PWR
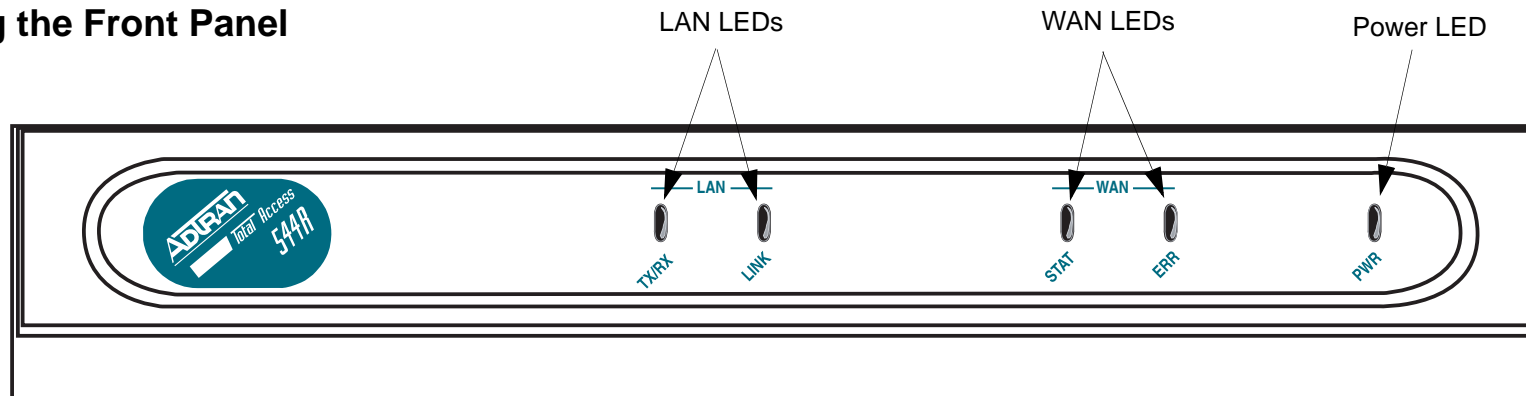
Connecting to the Total Access 544R

Connecting a VT100 terminal (or VT100 terminal emulator) to the **CRAFT** interface (on the back panel of the unit) allows access to the terminal menus and management features of the Total Access 544R.

Perform steps below in the order listed:

1. Configure a VT100 terminal (or terminal emulation software) with the following settings:

    Data Rate: 9600 baud   Stop Bits: 1

    Data Bits: 8   Flow Control: None

    Parity Bits: None

    If the terminal has a parallel setting, disable it and use serial.
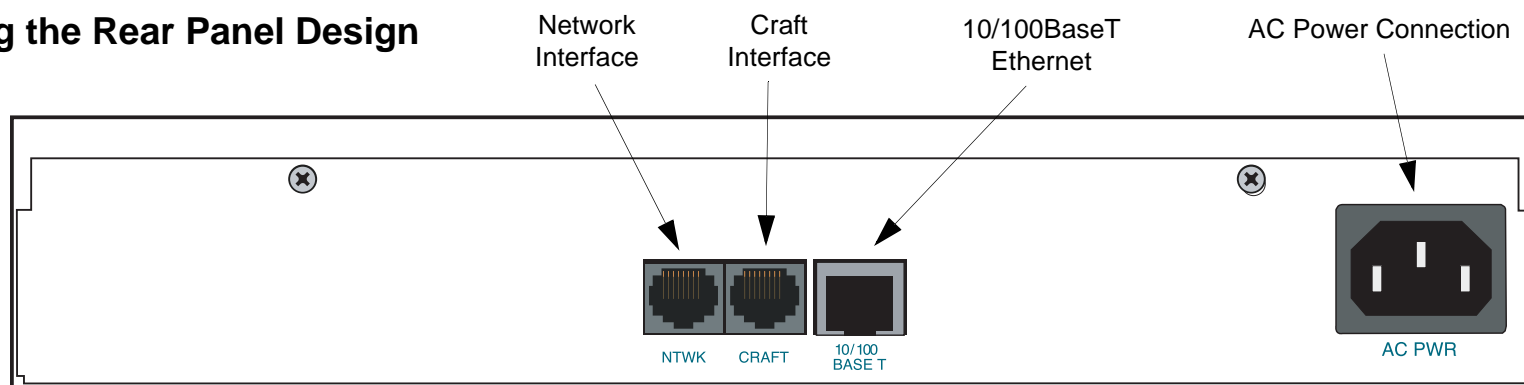
2. Connect one end of the 6' data cable (supplied) into the Total Access 544R **CRAFT** port. (This connection is RJ-45.) Make the connection to the VT100 terminal as appropriate for your setup. ADTRAN supplies an RJ-45 to DB-9 adapter for connections to standard DB-9 Communications (COM) ports.

3. Initiate a terminal session and the **LOGIN** screen displays. Press **Enter** to enter the menu. There is not a manufacturer's password by default. (Passwords in the Total Access 544R are case-sensitive.)

Front Panel LEDs

The front panel provides status LEDs to monitor operation and activity. The following table describes LED activity.

LED	COLOR	DESCRIPTION
LAN TX/RX	Off	There is no data trafic on the LAN.
	Green (blinking)	There is data trafic on the LAN.
LAN LINK	Off	The physical link is down; there is no Ethernet connection.
	Green (solid)	There is link integrity on the LAN (physical link is up).
WAN STAT	Red (solid)	SHDSL is down.
	Green (solid)	SHDSL is up.
WAN ERR	Off	Not used.
PWR	Green (solid)	Power is supplied to the unit.
	Off	Power is not supplied to the unit.

Reviewing the Rear Panel Design

Network Interface   Craft Interface   10/100BaseT Ethernet   AC Power Connection

NTWK   CRAFT   10/100 BASE T   AC PWR

Network Pinout

PIN	NAME	DESCRIPTION
1-3	—	Unused
4	T	Transmit to the network - Tip
5	R	Receive data from the network - Ring
6-8	—	Unused

Craft Pinout

PIN	NAME	DESCRIPTION
1	GND	Ground - connected to unit chassis
2	RTS	Request to send - flow control
3	RXDATA	Data received by the Total Access 544R
4	DTR	Data terminal ready
5	TXDATA	Data transmitted by the Total Access 544R
6	CD	Carrier detect
7	UNUSED	—
8	CTS	Clear to send - flow control

10/100BaseT Ethernet Pinout

PIN	NAME	DESCRIPTION
1	TX1	Transmit Positive
2	TX2	Transmit Negative
3	RX1	Receive Positive
4,5, 7, 8	—	Unused
6	RX2	Receive Negative

Equipment Dimensions

The Total Access 544R measures 11.25" W, 7.5" D, and 2" H and comes equipped for table top or wall mount use.

Power Requirements

The Total Access 544R has a maximum power consumption of 100-250VAC 50/60Hz and a maximum current draw of 300 mA.