



STATUS LED

STATUS	LED	Description
	GREEN	Everything functioning normally
	BLINKING	FX, SRS, or BPV detected
	YELLOW	Loopback active
	BLINKING	In-band loopbacks earned
	RED	Alarm on the H2612 loop, DCM or DCM interface
	BLINKING	Signal Quality of 4 or No Sync on the H2612 loop

FOUR-CHARACTER DISPLAY (FCD) OPERATION



Left = MODE
Center = OFF
Right = SELECT

FCD Modes

Mode	Message	Function
Status	STAT	Displays log margin, alarms, and general status conditions
Display Off	Blank	Blank after few minutes of no activity
View	VIEW	View current options settings
Loopback	LPRK	Set of and save code H2612 circuit loopbacks

Status/Alarm Display ("STAT")

Message	Description
MDM OK	H2612 loop margin, 0 dB
DEL DCM	DCM error detected on H2612 loop
LOC DCM	Frame bit error (SF Mode), Signal Variance (SPV), or CRC error (SIF Mode) detected locally at DCM-3 of the H2TU-C
RM DCM	Frame bit error (SF Mode), Signal Variance (SPV), or CRC error (SIF Mode) detected remotely at DCM-3 of the H2TU-B
DEL LOS	No synchronization of H2TU-C and H2TU-B on loop
LOC LOS	DCR signal is absent from the network interface or is of a format which does not match the provisioning of the H2612 circuit
RM LOS	DCR signal is absent from the network interface or is of a format which does not match the provisioning of the H2612 circuit
ARM	NO Loopback is earned

COMPLIANCE CODES

This product is intended for installation in restricted access locations only and is equipped with a Type "B" or "F" classification code.

Input current is maximum level 0.7 A at

-48 Vdc. Maximum output is over current

condition is 100 mA at -180 Vdc.

CODE	IN	OUT
Installation Code (IC)	A	-
Telecommunications Office Code (TC)	-	A
Power Code (PC)	-	F

WARRANTY

Warranty for Carrier Networks products manufactured by ADTRAN and supplied under Buyer's order for use in the U.S. is two (2) years. For a complete copy of ADTRAN's U.S. Carrier Networks Equipment Warranty (677) 857-5805, Document #H4.

Options Settings Display ("VIEW")

Message	Description	Settings	Default
LSB	Line Build Out	EX, G, 115, 200, 200, 530	-
CSM	Line Code	AM, B25	B25
FSM	FSK-1 Framing	ALL, L, N	LMP
NLR	NRI Loopback	FX, EIS	ON
LSTO	Loopback Timeout	NONE, 1 hr, 2 hr, 8 hr, 24 hr	1 hr
QLOS	Destination Loss Response	ALL, LPRK	ALL
PRM	Performance Reporting Messages	MPRM, CFPM, NONE, ALL	ALL
TMV	DS1 Transmitted Level	0 dB, -2.8 dB, -18 dB	0 dB
SPWR	Span Power	FX, EIS	ON
ALPM	Alarm Pattern in Extension	ALL, EIS	ALL

Loopback Options Display ("LPRK")

Message	Loopback State	Loopback Description
STLU	NET	Network loopback at H2TU-C
	CS1	Customer loopback at H2TU-C
	NETB	No active loopback
HTUB	NET	Edinburgh loopback at H2TU-B
	CS1	Customer loopback at H2TU-B
	NETB	No active loopback

DSX-1 BANTAM JACKS

FD

- Provides an intrusive access point to the data stream.
- TX - Access the data stream being received from the network.
- RX - Access the data stream being transmitted to the network.

MON

- Provides a non-intrusive access point to the data stream.
- TX - Monitor the data stream being received from the network.
- RX - Monitor the data stream being transmitted to the network.

NOTE: The DDM+ H2TU-C does not have the DSX-1 Bantam Jacks option.

RS-232 DB-9 CONNECTOR

- Used to access performance monitoring data, perform loopbacks and provision units via H2TU emulation applications such as HyperTerminal - Remote Utilities, ProComm Plus, and Telnet.
- There are two types of terminal emulation modes, Manual and Real-Time. The "CTRL-7" is toggle between the two modes.
- Manual Emulation Mode: Press the space bar 3 times to manually update the screen. Print screen and log file commands are available in this mode.
- Real-Time Emulation Mode: The default mode. Print screen and log file commands are not available in this mode. Cursor placement and screen highlighting are enabled.
- Provision terminal port as follows:
 - Data Rate - 1.2 to 19.2 Kbps
 - Asynchronous Data Format - eight data bits, one parity (even), one stop bit
- When using a PC with terminal software, be sure to disable any power saving programs.

PROVISIONING NOTES

- This unit can be provisioned via the RS-232 port or remotely via ITN codes. This unit cannot be provisioned from the proprietary four-character display. Select "2" from the ADTRAN H2612 Main Menu Screen to view the Provisioning Screen.

