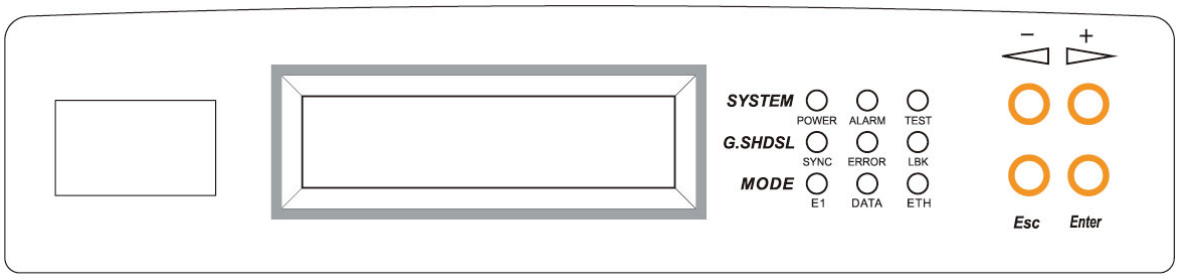
COPPER-T-2/4

Quick Start Guide



Front panel can be separated into three parts: LCD display, LED indicator and Keypads.
The LCD display can show the status and configuration of the device. The local management interface will be done by keypad with this LCD display.
The purpose of the keypad is to configure the setting or function selection on this COPPER-T-2/4.

The following table describes the LEDs' functions of the COPPER-T-2/4.

LED		Color	Action	Description
PWR		Green	On	Power is on.
			Off	Power is off.
ALM		Red	On	System loss.
			Off	System is working nomarally.
TST		Yellow	On	System is testing for connection.
			Off	System is working nomarlly.
SHDSL	SYN	Green	On	SHDSL line is connected.
			Blink	Data transmit in SHDSL line.
			Off	SHDSL line is dropped.
	ERR	Red	Blink	Error second occurs.
			Off	No error second.
	LPB	Yellow	On	Loopback is on.
			Off	Loopback is off.

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E1	SYN	Green	On	E1 line is connected.
			Off	E1 line is dropped.
	ERR	Red	Blink	There are error seconds.
			Off	There is not any error second.
	LPB	Yellow	On	Loopback is on.
			Off	Loopback is off.
V.35	TD	Green	On	Data transmit in V.35.
			Off	No data transmit in V.35.
	RD	Green	On	Data receive in V.35.
			Off	No data reveive in V.35.
	ERR	Red	Blink	Error second occurs.
			Off	No error second.
ETH	LINK	Green	On	Data transmit in Ethernet.
			Off	No data transmit in Ethernet.
	100M	Green	On	Data receive in 100M.
			Off	No data receive in 100M.
	COL	Red	Blink	Error collision occurs.
			Off	No error collision.
MODE	E1	Green	Blink	E1 Data tramsmit and receive
			On	E1 cable cable connected
		Red	On	No E1 cable connected
	SER	Green	Blink	Serial Data tramsmit and receive
			On	DTE Connected
		Red	On	DTE Disconnect
	ETH	Green	Blink	Ethernet Data tramsmit and receive
			On	Ethernet cable connected
		Red	On	No Ethernet cable connected

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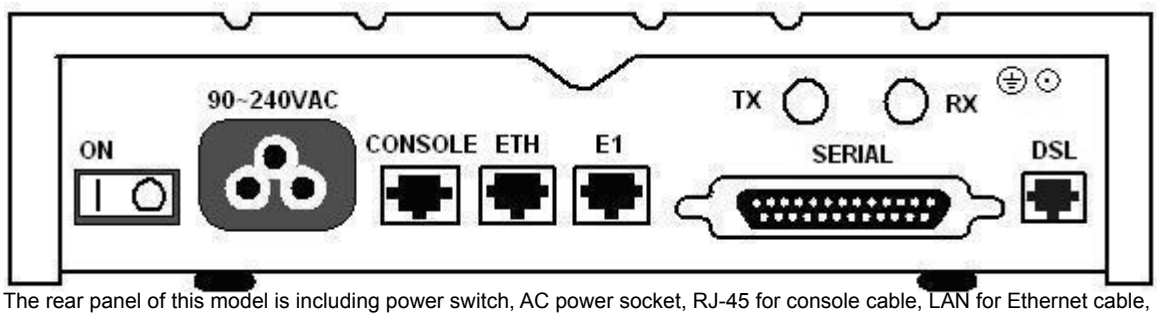
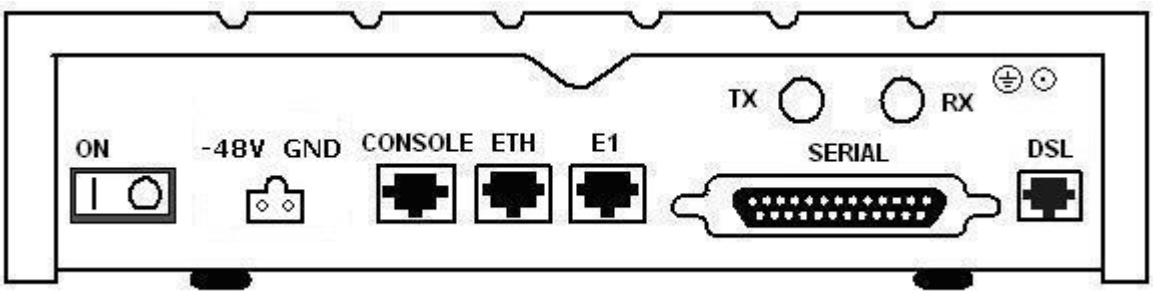
COPPER-T-2/4 BACKPLANE.

DC power input version



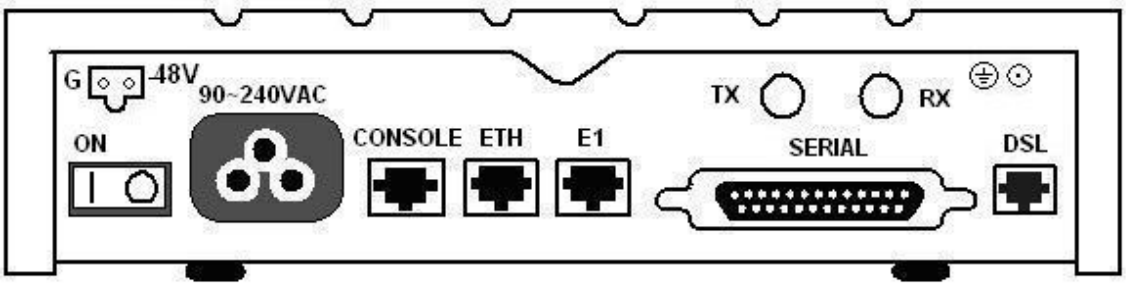
The rear panel of this model is including power switch, AC power socket, RJ-45 for console cable, LAN for Ethernet cable, G.703 RJ-48C or BNC jacks for transmitting and receiving, DB-25(Female) for serial cable and RJ-45 for DSL cable from left to right.

DC power input version



The rear panel of this model is including power switch, DC power socket, RJ-45 for console cable, LAN for Ethernet cable, G.703 RJ-48C or BNC jacks for transmitting and receiving, DB-25(Female) for serial cable and RJ-45 for DSL cable from left to right.

AC & DC dual power input version



The rear panel of this model is including DC power socket, AC power switch, AC power socket, RJ-45 for console cable, LAN for Ethernet cable, G.703 RJ-48C or BNC jacks for transmitting and receiving, DB-25(Female) for serial cable and RJ-45 for DSL cable from left to right.

Connector Description

ON	Power switch. Press 1 for turn on and press 0 for off
90~240V AC	IEC-320 C6 AC input connector. It has power adapting function from 90V to 240V
-48V GND	DC power input connector (-48V)
CONSOLE	RJ-45 for system configuration and maintenance
ETH	RJ-45 LAN port for Ethernet cable
E1	RJ-48C for 120Ω E1/T1 connection with PABX (Private Automatic Branch Exchange) or E1T1 Router
SERIAL	DB-25(F) for RS-530 and V.35 or X.21(with adaptor cable)
TX	BNC for 75Ω E1 transmitting
RX	BNC for 75Ω E1 receiving
DSL	RJ-45 for DSL connection

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INSTALLATION

Note: To avoid possible damage to the COPPER-T-2/4, do not turn on the product before hardware installation.

(a) Plug the power cord in the power socket.
(b) Plug the console port in console if you want to configure the COPPER-T-2/4 with VT100 program of NB or PC.
(c) Plug the E1/T1 cable (75Ω BNC cables for E1 or 120Ω cable for E1 or T1)
or/and SERIAL cable
or/and Ethernet cable
(d) Plug SHDSL cable
(e) Power on

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