



Quick Start Guide

PortServer® TS M MEI Modem Series

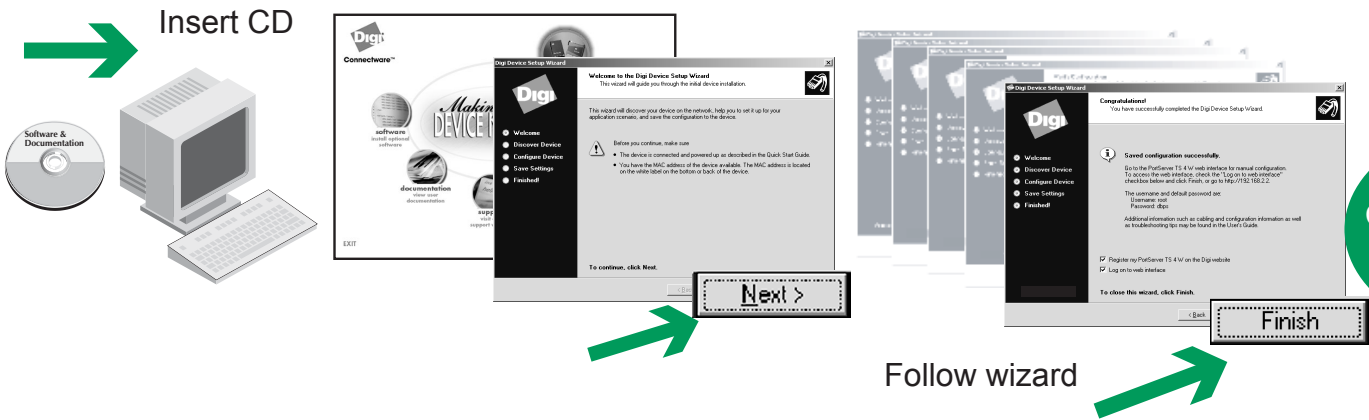
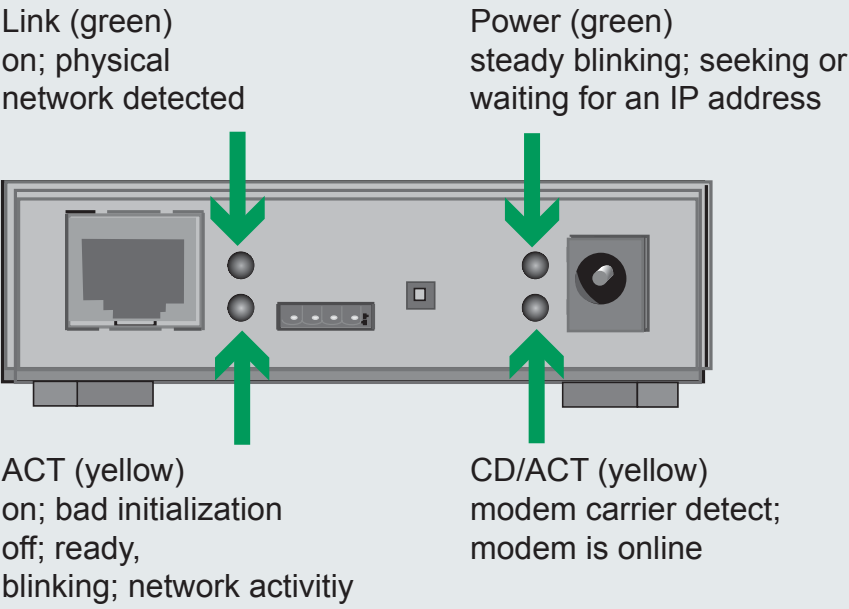


Set serial DIP switch according to your serial device requirements (EIA-232/422/485). Pinout information is on the back of the quick start.

Switch Settings	EIA-232	EIA-422/485 Full-Duplex	EIA-485 Half-Duplex
Up/On			
Down/Off			

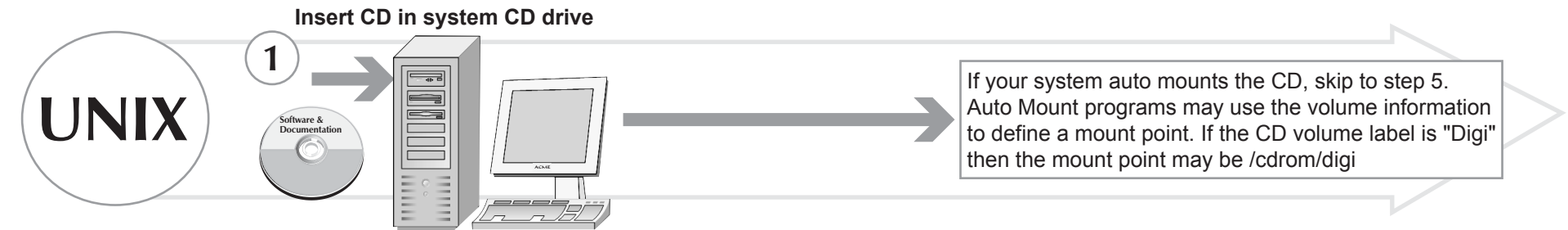
*If switch 4 is up, termination resistor is connected.
If switch 4 is down, termination resistor is not connected.

For Reference: LEDs will flash during startup.



Be sure to check Digi Support for the latest firmware updates at:
<http://support.digi.com>

Accessing the CD from a UNIX System



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Determine your CD device

Common names for CD-ROM devices:

NAME	EXAMPLE
/dev/cdrom	/dev/cdrom
/dev/cdrom/cdromn	/dev/cdrom/cdrom1
/dev/cdn	/dev/cd0
/dev/dsk/cktmdn	/dev/clt2d0

To list descriptions of devices:

AIX: `lscfg`
HPUX: - Make sure you have administrator privileges and your PATH includes /usr/sbin
`ioscan -funC disk`
Solaris: Most Solaris systems use an auto-mounter.
See the man page on vold: `man vold`

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Identify the mount-directory.

Some common pre-existing mount points:
`/mnt/cdrom` `/cdrom`

Or create your own:

`mkdir /mnt/mycdrom`

HPUX - Check to see if pfs is running

`ps -ef | grep pfs`

If not, start the daemons:

`pfs_mountd&`; `pfsd&`

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Mount the CD by entering one of the commands from the following table:

Operating System	Command
AIX	<code>mount -r -v cdrfs device mount-directory</code>
*HPUX	do not use mount, it will not operate correctly <code>pfs_mount device mount-directory</code> See man pages for <code>pfs</code> and <code>pfs_mount</code> for more information.
Linux	<code>mount device mount-directory</code>
SCO UnixWare	<code>mount -r -F cdfs device mount-directory</code>
SCO OpenServer	<code>mount -r -f ISO9660 device mount-directory</code>
Solaris (Intel & SPARC)	<code>mount -F hsfs device mount-directory</code> Most systems use an auto-mounter. See the man page on vold: <code>man vold</code>

device is the path to the device file assigned to the cdrom drive,
mount-directory is the directory where the Digi CD is mounted

*HPUX When finished, leave the CD directory and `pfs_umount cd`
`pfs_umount mount-directory`
(If you inadvertently use `umount` instead of `pfs_umount`, kill the `pfs` daemons to remove the CD-ROM.)

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Navigate to mounted CD directory, enter: `./setup`

If you see DISPLAY permission errors when running the CD, you may want to verify your DISPLAY variable is set. To set the DISPLAY variable:

`DISPLAY=localhost:0.0; export DISPLAY`
AND/OR
`xhost +localhost`

Pinouts

Pin 1			
RJ-45 Pin	EIA-232	EIA-422/485 Full-Duplex	EIA-485 Half-Duplex
1	RI	TXD-	TXD-
2	DSR	RxD-	RxD-
3	RTS	RTS+	n/a
4	GND	GND	GND
5	TxD	TxD+	TxD+
6	RxD	RxD+	RxD+
7	SG	SG	SG
8	CTS	CTS+	n/a
9	DTR	RTS-	n/a
10	DCD	CTS-	n/a

Need help with cabling?

Digi TS EIA-232 Cable Adapter Reference

Cabling your serial devices to a Digi Product is now simpler than ever with a Digi Cable Adapter. While many custom cabling solutions can leave you with a cable that is either too long or too short for your application, the Digi Cable Adapters are used with commercially available CAT 5 cable of any length. Simply plug standard CAT 5 cable into your Digi Product, connect a Cable Adapter to the other end and plug the adapter into your device. Whether you need a crossover or straight-through connection, or require a DB-9 or DB-25 connector, there is a Digi Cable Adapter solution. For additional cabling information, see the Cabling guide under Documentation on your CD. If you prefer to order cables, see our website at <http://support.digi.com> and select Cabling.

Part number	Adapter	Application
76000697	Digi TS DB-9F Console Adapter (4-pack)	Bay Accelar, Nortel and other DB-9 DTE devices
76000698	Digi TS DB-25M Console Adapter (4-pack)	Sun Sparc, Sun Ultra, terminals, printers and other DTE devices with DB-25 Female ports
76000699	Digi TS DB-25F Console Adapter (4-pack)	Cisco, IBM and other DTE devices with DB-25 Male ports
76000700	Digi TS DB-25M Modem Adapter (4-pack)	Modems and other DCE devices with DB-25 Female Ports
76000701	Digi TS DB-9M Modem Adapter (4-pack)	Modems and other DCE devices with DB-9 Female Ports
76000692	Digi TS DB-25M Printer Adapter (4-pack)	For use with Printers. This adapter differs from a Console Adapter in that it utilizes the DTR signal (instead of RTS) for hardware flow control
76000631	Digi TS to Sun Netra / Cisco Cable (single pack)	For use with Cisco and Sun RJ-45 Console ports. Also available in 8-pack and 16-pack quantities.
63000042-01	RJ-45 to RJ-45 Straight Through Ethernet Cable	Can be used as a networking cable or combined with one of the adapters as a serial cable.

All RJ-45 cables and connectors are 8-pin. When using these adapters with modems or other applications that require DCD on pin 1, you must turn on `altpin`. If `altpin` is turned off, the hardware signal on pin 1 becomes DSR instead of DCD. This alternative can be used if DCD is not required, and DSR is needed instead. Configure the `altpin` through the web interface or the command line. See the User's Guide, MEI chapter or the `set flow` command in the Command Reference on the Digi CD under Documentation for more information about setting the `altpin`.