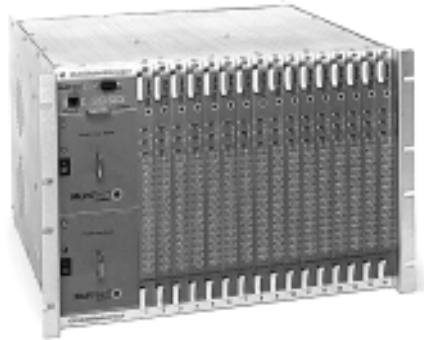


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ODEL MMMStarter-E

MultiModemManager™



Also Covers:

MMMStarter

MR4800E

MR4800

Chassis

Power Supplies

Replacement Modules

Networking Hubs

MMMStarter-E

Starter system for platform-independent modem management via any TCP/IP Ethernet® network.

Available for North America with 115v AC or -48v DC style chassis and power supply (specify when ordering).

International models available with 230v AC chassis and power supply.

Key Features

MMMStarter-E Starter System

- Includes a sixteen-slot chassis (see Chassis section for options).
- Includes an MR4800E controller with integrated 10BaseT Ethernet interface for platform-independent system management.
- Includes one power supply (see Power Supplies section for options). Accepts a second load-sharing power supply (recommended) for zero-switchover redundancy.
- Includes MCM management software that runs on any computer with Windows® 95/98/NT/Me/2000

Chassis **North America**

- **CC4800A-11/96/115v** has 96 RJ-11 phone line connectors and a 115v AC power cord. Use with PS4800A power supplies and dial-up MR-Series modems.

Chassis (continued)

- **CC4800A-11/96/-48v** has 96 RJ-11 phone line connectors and wiring terminals for battery power. Use with PS4800A/-48v power supplies and dial-up MR-Series modems.

Chassis **International**

- **CC4800-11-230v** has 48 RJ-11 phone line connectors and a European-style (230v AC, 50/60 Hz) power cord. Use with PS4800 power supplies and dial-up MR-Series modems.

Power Supplies

PS4800A

North America

- Universal input (90 - 260v AC) supply.
- Remote Sense: Monitors the power supply output at the load and regulates voltage with load compensation.

Power Supplies (continued)

- Supports load balancing and zero-switchover redundancy when two PS4800A power supplies are installed.
- Front panel on/off switch and power LED indicator (power LED lights only if all three outputs are good).
- Short circuit protection on all outputs.
- Over-voltage protection on 5v DC output.
- DC fan for cool operation.

PS4800A/-48v **North America**

- Special version of the PS4800A for -48v DC power. For use with a CC4800A-11/96/-48v or CC4800A-21/-48v chassis only.

MultiTech®
Systems

Replacement Modules

MR4800E Controller

with Ethernet Connector

- Backplane interface to network, modems, and power supplies for control, management, and updates.
- Integrated web, FTP, and telnet servers and embedded SNMP agent support platform-independent management, reporting and control over TCP/IP.
- Integrated 10BaseT concentrator supports direct connection to UTP Ethernet.
- Supports an unlimited number of modem networks (requires Ethernet networking hardware).

Specifications

CC4800A-11/96/115v Chassis

Dimensions:

19" W × 12.1" H × 18.3" L or
(48.3 cm × 30.7 cm × 46.4 cm)

Weight: 27.5 lbs. (12.3 kg)

Operation: Dial-up or 2-wire leased lines only

Connectors:

96 DB-25S serial ports, 1 DB25P (command), and 96 RJ-11 (6-pin modular) phone jacks

Required Power Supply: PS4800A

Fuses:

5A (100-120v AC)
2.5 A (220-240v AC)

CC4800A-11/96/-48v Chassis

Same as CC4800A-11/96/115v except for the following:

Required Power Supply:
PS4800A/-48v

CC4800-11-230v Chassis

Same as CC4800A-11/96/115v except for the following:

Operation: Dial-up or 2-wire leased lines only

Connectors: 48 RJ-11 phone jacks

Required Power Supply: PS4800

Power Cord (supplied): 230v AC

Certification

CE Mark

MR4800E Controller

Dimensions:

4" W × 2.2" H × 15" L or
(10.2 cm × 5.6 cm × 38.1 cm)

Weight: 13.2 oz. (0.374 kg)

Processor: 68360 (25MHz)

RAM:

1 meg for Flash code, 1 meg for programs

LEDs:

16 two-color LEDs indicate modem-to-backplane connection status; Ethernet: LI (Link), CD (Carrier Detect), TX (Transmit), RX (Receive)

Connectors:

1-RJ45 (network), 1-DB9P (future use)

PS4800A Power Supply

Dimensions:

4.0" W × 4.7" H × 15.7" L or
(9.2 cm × 9.9 cm × 11.5 cm)

Weight: 4.0 lbs. (1.8 kg)

Power: 115v AC

Load Compensation:

Output voltage regulation stable to full load (96 modems)

Input:

90 to 260v AC RMS @ 47 to 63 Hz

Current: 1.5A @ 220v full load

Insulation:

3750v RMS dielectric strength

Required chassis:

CC4800A with 115v receptacle (any connector configuration)

PS4800A/-48v Power Supply

Same as the PS4800A, except for the following:

Power: -48v DC

Input: -48v battery or power supply

Required chassis:

CC4800A with -48v DC connectors

Warranty: Two years

Manufactured in Mounds View, MN, U.S.A.

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