

# DMM-4 DIGITAL MIXING MODULE

RS-232



## FEATURES / BENEFITS

- ✓ Interface - EIA RS-232, CCITT V.24, DB-25 Female Connectors
- ✓ Data Rates - Synchronous or Asynchronous to 128Kbps
- ✓ Anti-Streaming - Automatic or Manual for unattended Circuit Restoral
- ✓ DCE/DTE Selectable
- ✓ Tail Circuit Buffer
- ✓ Supports CSU/DSU's, LL Modems, Dial Modems and Terminals
- ✓ RTS/CTS delays options
- ✓ Transparent to Data
- ✓ Fully Cascadable
- ✓ Internal or External Clocking
- ✓ Sturdy Metal Rackmount Enclosure
- ✓ 110/220VAC Switch Selectable
- ✓ Approvals - UL and CSA

## DESCRIPTION

The Digital Mixing Module (DMM-4) is a network expansion device for modem sharing or port sharing applications in polled or contention environments. The DMM-4 allows up to four devices to share a modem/DSU or computer port. Any combination of terminals and modems may be used in a network environment.

Each port of the DMM-4 may be selected as a DCE or DTE interface.

Once installed, system and network efficiency are increased through higher host processor utilization coupled with the significant decrease in idle time between host / terminal traffic sessions.

Ideal for either synchronous or asynchronous network environments, the DMM-4 is protocol transparent at data rates up to 128Kbps. The DMM-4 may be configured to provide clocking for the entire network. To prevent data transmission errors caused by clock differentials throughout the network, an 8 bit buffer is provided. In applications where the master port and the selected port provide their own clocks, data is clocked into the buffer at the receive clock rate of the active port and clocked out using the master port transmit clock.

In applications where the Clear To Send control signal is not provided by the master port, an artificial RTS/CTS is available. Additionally, several RTS/CTS delay settings are available.

The DMM-4 provides optional Anti-Streaming circuitry. Once enabled, Anti-Streaming will automatically remove a defective terminal or modem from service if the Data / Control criteria is present for the user predefined selection period.

Housed in a sturdy metal enclosure and equipped with an internal 110/220VAC switch selectable linear power supply, the DMM-4 will provide in excess of 100,000 hours of reliable service.

The DMM-4 has a three year warranty and a 24 hour turnaround on warranty repairs.

**EAST COAST DATACOM, INC.**

# SPECIFICATIONS

## Application

Multiple Sync/Async DCE/DTE devices operating in a polled, contention or dial environment, to share one DCE/DTE port

## Capacity

One to four RS-232 Sync/Async devices

## Interface

EIA RS-232, CCITT V.24 using DB-25 female connectors

## Data Rates

Internal: Up to 76.8Kbps

External: Up to 128Kbps

## Data Format

Data transparent at all data rates

## Timing

Internal or External

## Anti-Streaming

Automatic....Selectable time out intervals

Disable.....Selectable via dip switch

## Terminal Service Modes

Sequential scanning for RTS, DCD or Data

## Front Panel

Indicators....Power, Transmit Data, Receive Data, Channel Active, Channel Stream

Switches.....Enable/Disable of each Subchannel

## Power Source

100-120 to 200-220VAC @10%, 50/60Hz, 0.16/0.08A, external 110/220 volt select switch, IEC Power Inlet, (2) 5mm Fuses

## Environmental

Operating Temperature....32° to 122° F (0° to 50° C)

Relative Humidity.....5 to 95% Non-Condensing

Altitude.....0 to 10,000 feet

## Dimensions

*DMM-4 (Rackmount Model)*

Height ..... 1.75 inches (4.44 cm)

Width ..... 17.00 inches (43.18 cm)

Depth ..... 9.00 inches (22.86 cm)

## Weight

4.5 pounds (2.1Kg)

## Warranty

Three Years, Return To Factory

## ORDERING INFORMATION

Model: DMM-4

Description: RS-232 four port Digital Mixing Module

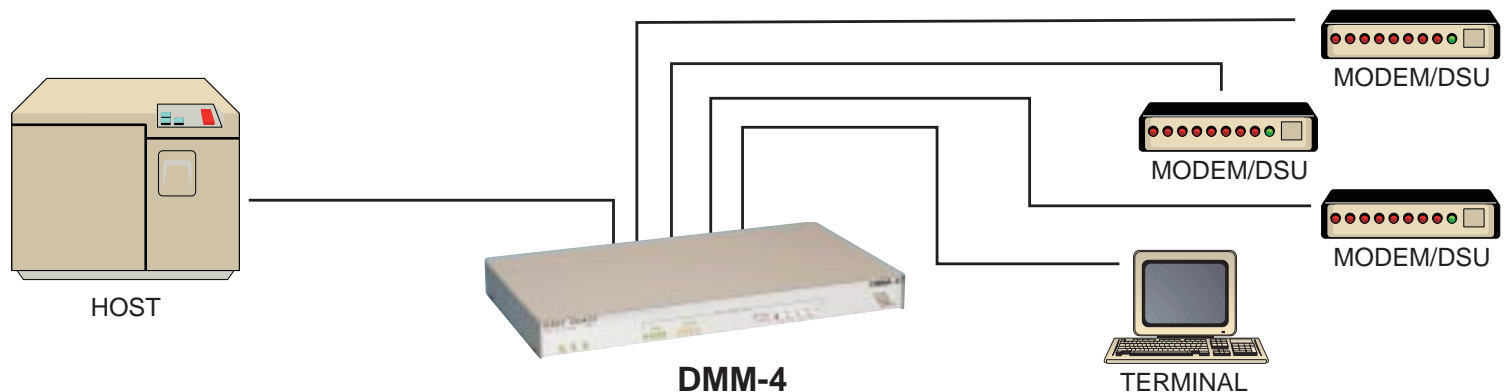
### INCLUDED WITH EACH UNIT:

- 1) Operations Manual
- 2) U.S.A. Grounded Power Cord, Part # 713015
- 3) Optional Power Cords
  - A) United Kingdom, Part # 713016
  - B) Continental Europe, Part # 713017
  - C) Other: Specify Country on Purchase Order

### OPTIONAL ACCESSORIES

- 1) Spare Data Center Fuses
  - A) 160ma Fuse, Qty (2) Part # 714000
  - B) 80ma Fuse, Qty (2) Part # 714001

EAST COAST DATACOM DESIGNS AND MANUFACTURES DATA COMMUNICATION EQUIPMENT FOR YOUR NETWORK REQUIREMENTS.



SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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