



The M490E tape drive, despite its compact size, has the best component accessibility of any drive of its class.

The M490E

The M490E is an ultra-fast, robust, and well-proven tape drive. It is both forward looking and backward compatible and ideal for data interchange and backup under tough conditions, such as in automated tape libraries, which often require 100% duty cycles. It brings outstanding double-speed performance, superior mainframe technology and worldwide interchange standards to midrange users, at a low price and in a compact 8-inch format (the smallest in its class). Its many connectivity and emulation capabilities range from PCs to mainframes. The full air-bearing tape path features no-contact, pressurized fixed heads, and two tape conditioners. Tape **literally floats on air** (even when stationary), virtually eliminating tape wear and stiction.

M4 Data

M4 Data has an enviable reputation in the fields of network backup and data interchange, with products that include 9, 18 and 36-track tape drives and 3490E/DLT tape libraries. It also provides first-class field support through a worldwide network of factory trained service specialists.

In design, customer care, and value for money, M4 Data is probably unbeatable.

Software

The Twin Peaks Series from M4 Data is compatible with a wide range of application software for network backup, data interchange, hierarchical storage management and data manipulation. Contact M4 Data for the latest compatibility information.

Warranty

Twin Peaks products are covered by a 180-day warranty.

Specifications

Functional

Media

Capacity (IDRC and E-tape)

Format

Read/Write Tape Speed

High-speed search

Transfer Rates

Native

Compressed

Interface (burst)

Data Buffer

Interface Options

ANSI 3480,349 0 and extended

length cartridges (3490E)

800 MB (uncompressed) to 2.4 GB (compressed)* per cartridge

Read/write 36-track and 18 track**

2 or 4 metres/sec

4 metres/sec

3 or 6 MB/sec

15 or 18 MB/sec.*

20 MB/sec SCSI, 4.5 MB/sec FIPS

4MB

Fast Wide SCSI 2, single-ended or differential (field configurable)

Two-channel FIPS 60 (Bus & Tag)

Connectivity & emulation

IBM

AS/400 - using features 6501 or 2644 - C11 & E11 emulations.

S/390 & P/390 - SCSI and FIPS channel attach.

PC -SCSI attach under DOS, Windows 3.1/95/NT, SCO-Unix.

Unix (all flavors) - many direct attach or emulations.

Reliability

MTBF

MTTR

>40,000 hours

30 minutes

Physical (basic rack-mount unit)

Weight 31 lb (14.1 kg)

Dimensions

Width 8.55 inches (217 mm)

Height 5.0 inches (127 mm)

Depth 21.3 inches (541 mm)

Mounting Horizontal or vertical †

Power

Power Consumption (basic unit) 210 VA maximum

Supply 88-264 V a.c 48-62 Hz

*Assumes 3:1 compression. **Bulk-erased tape recommended for 18-track write.

† When mounted vertically, up to 3 drives can be fitted side by side in a 19-in. rack.

Pinetree Peripherals 1nc A World Leader in Tape Technology

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