Tektronix

PLS20 Profile®
Desktop Data Tape Drive



Stand-alone 8mm Data Tape Drive

Full Tape Interchange with Tektronix PLS200 Profile Library System

Uses 20GB Data Tape

Each 20GB Data Tape Hold Approximately 1.5 hours at 24 Mb/s

Partitioned Tape up to 63 Partitions

Simple Connection to Profile

The PLS20 Profile® Data Tape Drive is a cost-effective, standalone desktop drive capable of storing Profile material in its native format. At a cost per minute similar to that of broadcast videotape the PLS20 is an excellent choice for cost-effective, long-term storage of Profile material. The 8mm tape cartridges used are fully interchangeable with the Tektronix PLS200 Profile Library System.

The PLS20 can be used across virtually the entire television industry in which the Profile is employed. These applications include:

On-Air - The PLS20 tape carries full interchange with tapes from the PLS200 Library. This will allow the PLS20 to be used as a backup to the larger PLS200 in the event of failure;

Production - The PLS20 can be to store material at any time in the production process, such as after an edit session, rather than requiring the use of a library or networked storage system away from the location of the operator;

Post-Production - The Mammoth tape format will make a good distribution medium for production houses to clients who have Profiles. Using a PLS20 at each end - rather than videotape - will result in the highest quality transfer possible. This will eliminate unnecessary decompression and compression steps as well as reduce quality control concerns;

Maintenance - By using a PLS20 in the repair shop customers can prepare a “test tape” for use in repairing and testing Profiles;

Archive - Because the PLS20 has full tape interchange with the PLS200 it can be used to quickly view the contents of a data tape without having to load the tape into the library.

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PLS20 Specifications

Data Format — Exabyte Mammoth

Capacity — 20 GByte per cartridge

Sustained Transfer Rate — 3MByte/s

Search Rate — 188 MBytes/s

Rewind Speed — 60 ips
(63 times nominal)

Load-to-Ready — <20s

BER — <1 in 1017 bits

MTBF — >200,000 hours

Read and Write Format —
Exabyte Mammoth

Power —
110VAC at 60Hz or
240VAC at 50Hz
Automatic input voltage selection

Dimensions —
3.0 x 9.0 x 11.0 in (H x W x D)
(76.2 x 228.6 x 279.4 cm)

Weight — 8.6 lb (3.9kg)

Media — Tektronix Exatape 170 meter advanced metal evaporated

Note: *PLS20 requires Profile system software version 2.4 or above.*

Ordering Information

PLS20 Profile Data Tape Drive

Includes: One 8mm data cartridge, cleaning cartridge, SCSI cable, manual

Accessories

Tektronix Exatape 8mm Blank Data Cartridge

Tektronix Exabyte 8mm Cleaning Cartridge

(All accessories are available from ISSI Data Products at 800 905-9809.)

Warranty

One-year return to depot/advance exchange.

Other service plans may be available; see your Tektronix representative

For further product information or to find the sales office nearest you, please contact:

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