



# **Travan™ FireWire 20GB Drive**

External Drive for use with Macintosh™ Systems

## **User Guide**



©Imation 2000  
52-0001-2238-1, Revision A

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## **Intended Use**

This manual shows how to install and use the Imation Travan FireWire 20GB Drive on your Macintosh™ computer.

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## **1. Getting Started**

Thank you for purchasing the Imation Travan™ FireWire 20GB Drive. Designed for digital video editors, this drive is ideal for archiving and backing up your “in-process” and completed video projects. The FireWire interface is compatible with the Macintosh™ G4, PowerBook, and iMac DV.

Your new tape drive is a powerful, state-of-the-art tool that allows for rapid storage and backup for up to 20 gigabytes of data.

**You can use your new tape drive to perform all of the following:**

- Backup and restore in-process and completed video projects as well as other important files and folders.
- Create space by archiving files on your hard drive or network.
- Protect private information by removing secure information from the network or personal hard drives and backing up on tape.

**Make sure the following items are included in your box:**

- Imation Travan FireWire 20GB Drive
- AC power adapter
- Power supply cord
- FireWire cable
- Travan NS20 cartridge
- Installation CD-ROM (containing Dantz Retrospect™ backup software and this guide)
- Quick Start and warranty card

**Macintosh™ Requirements:**

- Macintosh OS 9.x or later with built-in FireWire port
- 64MB of RAM
- 32MB of available hard disk space

## 2. Installation

1. Insert the CD-ROM provided with the drive into your Macintosh™.
2. Double-click on the Dantz Retrospect CD-ROM when it appears on your desktop.
3. Double-click on the Install Retrospect icon, then follow the prompts to load the Dantz Retrospect software.

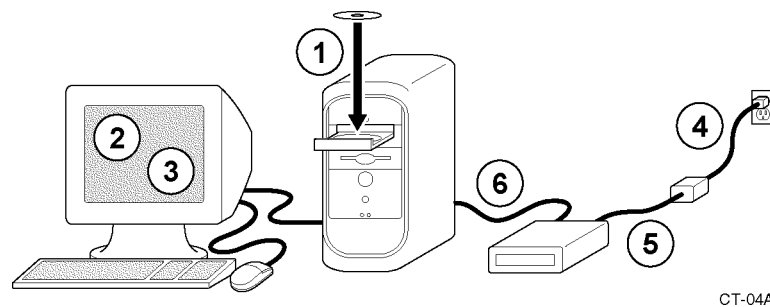
**Note:** Refer to the *Dantz Retrospect User Guide* PDF located on the CD-ROM for information regarding the software.

4. Connect the power supply cord into the wall outlet.

**Note:** Two FireWire ports are available on the drive. It does not matter which FireWire port you connect to on the drive. The second port is available to daisy-chain other devices.

5. Connect the AC power adapter to the Travan™ FireWire Drive.
6. Connect the Travan FireWire interface cable to the FireWire ports on the drive and the Macintosh™.

Your Travan FireWire drive is now ready for use.



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### 3. Using Your Tape Drive

The tape drive has a flip-up door that covers the cartridge opening when a tape cartridge is not installed in the drive. Once a cartridge is inserted, it is held firmly in place by the drive's positive locking mechanism.

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#### CAUTION

Do not remove a tape cartridge while the drive is active. Complete any tape operations and wait until the amber LED is OFF before removing the cartridge.

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#### Loading a Tape Cartridge

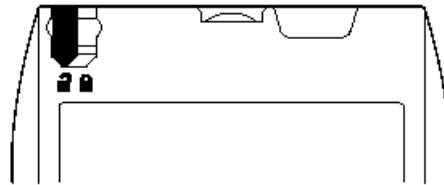
To load a cartridge, insert it with the metal base down and the tape access door facing the drive.

#### Unloading a Tape Cartridge

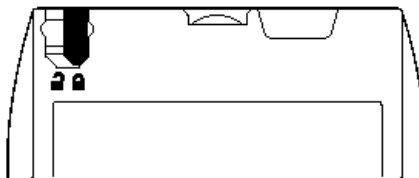
To unload a cartridge, wait until the drive activity LED is OFF. Then pull the cartridge straight out.

#### Setting the Write-Protect Switch

Travan™ cartridges feature a sliding write-protect tab located in the upper left corner of the tape. Use this switch when you want to make sure data on the tape is not overwritten.



Write-Protect Switch in Unlocked Position (non-protected read/write position)



Write-Protect Switch in Locked Position (protected read only)

## 4. Cleaning your Tape Drive

To ensure optimum drive performance, clean the read/write head after every 40 to 80 hours of operation. No other maintenance is required.

Follow these guidelines:

- Operate the drive in a clean, dust-free environment.
- Never apply a lubricant to the drive.
- When using new tape cartridges, clean the head after the first two hours of movement. Thereafter, the drive can be cleaned as per normal operations.

Clean the drive using the Imation approved **Travan NS Dry Process Head Cleaning Cartridge** (part number 12132) available wherever Travan cartridges are sold.

## 5. Troubleshooting

Your Travan™ FireWire 20GB Drive is designed to provide years of service. If you encounter problems, please read through the following possible solutions.

- Make sure all connections are secure.
- If a power interruption occurs during a backup or restore operation, start over when the power is restored.
- If the drive appears to fail during a backup or restore operation, try the following steps:
  1. Remove and replace the cartridge and try again. Make sure you are using the correct type of tape cartridge: Travan NS20 or Travan NS8 (read only).
  2. Turn off all power to the computer and drive. Wait for the computer to power down, then start over.
  3. Try a different tape – preferably one that has never been used.
  4. Check all cable connections for proper contact.
  5. Clean the tape drive as instructed in section 4, then try operation again.
  6. If problems persist, visit our Imation web site at <http://www.imation.com> for the latest technical support solutions.

### Recovering from a Communication Error

1. Terminate the backup/restore operation.
2. Detach the FireWire cable from the host computer.
3. Wait 5 seconds.
4. Reconnect the FireWire cable.
5. Restart the application. If necessary, resume the operation from the beginning.

Refer to Section 8 for additional support information.

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## 6. Specifications

Size:

|        |             |          |
|--------|-------------|----------|
| Height | 1.74 inches | 44.25 mm |
| Width  | 5.38 inches | 136.5 mm |
| Length | 8.17 inches | 207.4 mm |

**Power:** +5VDC and +12VDC indoor use only.  
100-250 VAC @ 50-60 Hz

Temperature Range (use in a non-condensing atmosphere)

|               |                |               |
|---------------|----------------|---------------|
| Operating     | 4° to 104° F   | 5° to 40° C   |
| Non-operating | -22° to 140° F | -30° to 60° C |

**Tape Cartridge Types:** Travan™ NS20 or Travan™ NS8 (read only)

Operating Position: Horizontal

## **7. Limited Warranty**

LIMITED WARRANTY AND LIMITATION OF REMEDIES: Imation warrants that this product is free from defects in material and manufacture at the time of purchase. If any such defect appears within twelve (12) months from the date of purchase, Imation's entire liability is either a) repair, or b) replacement of the product, or c) refund of the purchase price of the product, which must be returned to Imation with proof of purchase. This warranty does NOT apply to product failure resulting from misuse, abuse, accident, neglect or mishandling, improper adjustment or maintenance, incorrect environments or wear from ordinary use.

IMATION SHALL NOT BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL LOSS OR DAMAGE (INCLUDING WITHOUT LIMITATION DAMAGES FOR LOSS OF PROFITS, SAVINGS OR DATA) IN ANY WAY RELATED TO THE PRODUCT.

This does not exclude claims for personal injury. Some legal systems do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary depending upon the legal system which is applicable to your purchase and/or use of this product.

### **United States FCC Information**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio or television technician for help.

### **Canadian Notice**

This class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

### **Avis Pour Le Canada**

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

## European Electrical Conformity

This equipment fully complies with the European CE requirements specified in the EMC Directive 89/336/EEC and the Low Voltage Directive 73/23/EEC. See the following Declaration of Conformity:

### Declaration of Conformity

98/336/EEC, 73/23/EEC Application of Council Directive(s)  
EN55022, EN60950 Standard(s) to which Conformity is declared  
EN50082-1  
IEC1000-4-2  
IEC1000-4-3  
IEC1000-4-4

Manufacturer's Name: Imation Enterprises Corp.  
Manufacturer's Address: 1 Imation Place  
Oakdale, MN 55128-3414

### European Location of Declaration of Conformity

Imation Deutschland GmbH  
Hammfelddam 11, D-41460 Neuss

Type of Equipment: **Information Technology Equipment**

This is to serve as official notification to our European Partners that the following product fully complies with the European CE requirements specified in the EMC directive 89/336/EEC and the Low Voltage Directive 73/23/EEC.

## 8. Imation Technical Support

Before contacting telephone support, please visit our web site at [www.imation.com](http://www.imation.com) for the latest technical solutions.

There are several ways to contact Imation for technical support.

### Telephone Support for

|                                 |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| US and Canada:                  | 1 800 888 2700                                                              |
| Australia:                      | 1800 244 181                                                                |
| New Zealand:                    | 0800 445 922                                                                |
| Singapore:                      | +65 383 7651 ( <a href="mailto:sghelp@imation.com">sghelp@imation.com</a> ) |
| Hong Kong:                      | 852 21612000 ( <a href="mailto:cywong@imation.com">cywong@imation.com</a> ) |
| Japan:                          | 0120-81-0536                                                                |
| Other countries outside the US: | 1 651 704 7229                                                              |

**Internet and FAQs:** [www.imation.com](http://www.imation.com)

**E-mail:** [info@imation.com](mailto:info@imation.com)