

## Front

98 mm

### 1. Welcome

Thank you for purchasing IOGEAR® ION™ Drive featuring TRI-Select Backup Technology, one of the fastest Hi-Speed external Hard Drives on the market. IOGEAR® only manufactures high quality storage devices, so we are sure you will be satisfied with your purchase. IOGEAR™ is dedicated to customer service and satisfaction, and wishes you the best with your new TRI-Select ION™ drive.

Once again, IOGEAR® brings the cutting-edge technology of today and tomorrow to your Macintosh or PC.

Note:  
Your order has been carefully packaged and inspected, and we hope you are pleased with the IOGEAR product you purchased. Please inspect the contents of the package to ensure that you have received all items and that nothing has been damaged. If you discover a problem, please contact your dealer immediately for assistance.

Contact Information:  
949-453-8762  
23 Hubble  
Irvine, CA 92618  
USA  
www.iogear.com  
support@iogear.com

**WARNING!**  
Your IOGEAR ION™ Drive is ESD sensitive, and can be damaged by static electricity! Please follow proper and safe ESD handling procedures when connecting the ION™ Drive to your computer.

Please visit <http://www.esda.org> for information about Electro-Static Discharge.



### 2. Hardware Requirements

To access FireWire® or USB 2.0 speeds, the computer system must be FireWire® and/or Hi-Speed USB 2.0 enabled. The Tri-Select ION™ Drive will work at FireWire® 400 and/or USB 1.1 speeds with FireWire® enabled and/or USB 1.1 enabled computers.

#### For Mac Users

- Mac OS X (10.2) or greater
- Available FireWire port
- Available USB 2.0 or 1.1 port

#### For PC Users

- PC Compatible, 200MHz or greater
- Windows® 98SE, ME, 2000, XP
- Minimum 64MB RAM
- Available Hi-Speed USB 2.0, 1.1 port or FireWire port
- CD-ROM drive

#### \*Drivers are provided by the supporting OS or host card software.

FireWire 400 - Mac OS X (10.2) or greater, Windows 98SE, ME, 2000 & XP  
USB 2.0 - Mac OS X (10.2) or greater, Windows 2000 & XP  
USB 1.1 - Mac OS X (10.2) or greater, Windows 2000 & XP

#### Accessories / Additional Products

8-in-1 Hi-Speed USB 2.0 Memory Bank™ (GFR280)  
KVMP™ Extreme Switch – 2 and 4 port USB PS/2 KVMP switch (GCS1732/34)  
BOSS™, Router, FTP Server, NAS, VPN end point (GNS1000)

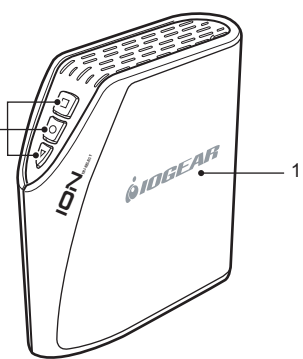
### 3. Features

- Transfer or backup pictures, music, and data at speeds up to 480 Mbps – Transfer 1 GB in under 30 seconds
- 3-Button Backup Solution that automates backups with Dantz Retrospect Backup software
- Ideal for backup, storage expansion, file sharing, software installation, and data management
- 3 connectivity solutions in one (FireWire® 400, USB 2.0, and USB 1.1)
- Hot-plug capable, hot swappable, and Plug-N-Play
- Preformatted for your convenience so you are up and running in no time (for those with preinstalled drives)
- FireWire® interface supports data transfer rates of up to 400 Mbps
- USB 2.0 interface – supporting high speed data transfer rates of up to 480 Mbps
- One-year limited warranty

### 4. Pictorial Introduction

#### Front View

1. The IOGEAR® Logo - a mark of quality.
2. Tri-Select Backup Buttons



#### Back View

1. USB 2.0 Type B Port (female)
2. FireWire 6-pin Ports (female)
3. Power Switch
4. Power Port
5. Lock Port
6. Stand (optional, screws included)

### 5. ION™ Drive Setup

If you purchased an enclosure without a pre-installed Hard Drive please see page 10 in the manual on the CD on installing your hard drive.

#### Firewire Installation

(It is not necessary to install a driver for FireWire under any OS, however please make sure your computer has all of the latest updates, critical updates, service packs, service releases, OS patches, security updates, and all other OS updates provided by the respective developers.)

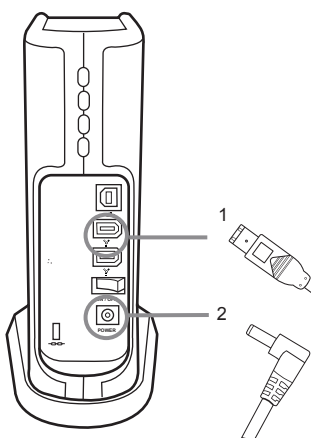
Note: Before you begin, please make sure that the power to the device and your computer has been turned off.

#### Step 1

Plug the FireWire 6 pin connector into the back of the ION™ Drive.

#### Step 2

Plug the Power Adapter into the back of the ION™ Drive (you must connect the power adapter in order to utilize the drive).



#### Step 3

Plug the FireWire® 6 pin connector into your computer's FireWire Port.

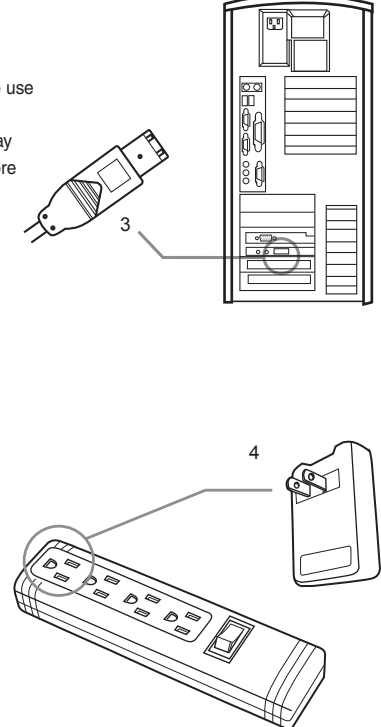
Note: If your computer has a 4 pin FireWire® or Link® connection please use a FireWire 4 pin (to 6 pin) cable. IOGEAR part# G2L13946-6; or you may pick one up at any local electronics store or catalog reseller.

#### Step 4

Plug the power adapter into a surge protector.

#### Step 5

Once complete, turn the ION™ Drive and your computer on. Your computer will automatically identify the ION™ Drive and load all necessary drivers.



### Hi-Speed USB 2.0 Installation

Note: Before you begin, please make sure that the power to the device and your computer has been turned off.

#### Step 1

Plug the USB Type B connector into the back of the ION™ Drive.

#### Step 2

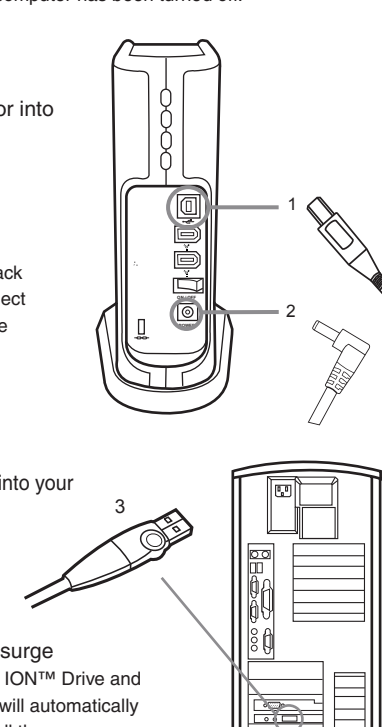
Plug the Power Adapter into the back of the ION™ Drive in order to utilize the drive).

#### Step 3

Plug the USB Type A connector into your computer's USB 2.0 Port.

#### Step 4

Plug the power adapter into a surge protector. Once complete, turn on ION™ Drive and your computer on. Your computer will automatically identify the ION™ Drive and load all the necessary drivers.



### 6. Installation of ION™ Drive Software (PC)

#### For Windows® 98SE Users Only

#### Step 1

Inserting the CD will launch the software installer. Clicking on the first button will copy the installer of the driver to your internal hard drive.

#### Step 2

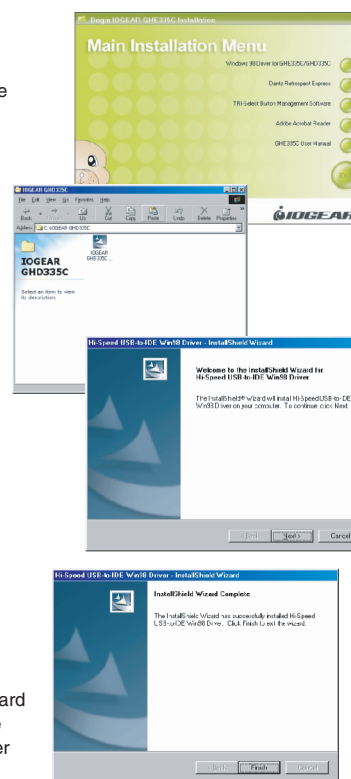
The installer will be copied into "C:\IOGEAR GHD335C". Double-click on the installer icon to begin the driver install.

#### Step 3

Click [Next] to begin the install.

#### Step 4

The next screen will ask you to click [Finish] to end the wizard. After the wizard has quit you simply need to connect the ION Drive to the computer and the driver will be loaded for the drive.



### 7. Dantz Retrospect Express & Tri-Select Button Management Software

Dantz Retrospect Express and the TRI-Select Button Management Software work together to provide you with up to three backup options (per drive) at the touch of a button. The TRI-Select Button Management Software connects your drive and its buttons with Dantz Retrospect Express. This section will take you through the installation and setup of both the TRI-Select Button Management Software and Dantz Retrospect Express, once you have finished you should have three full backup scripts setup and ready to go.

#### Installation (PC)

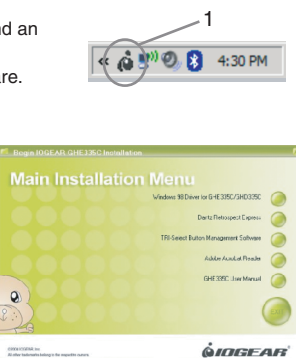
From the Software CD installer click on the appropriate buttons to install Dantz Retrospect Express and the TRI-Select Button Management Software separately. Each will launch and install that will step you through the process. Please install the Dantz software and the TRI-Select software, once complete please restart your computer.

#### Once your computer has restarted you should find an IOGEAR icon™ in your system tray, click on it to begin using the TRI-Select Button Management Software.

#### Installation (Mac)

On this CD you will find two folders. Inside the Dantz Retrospect Express folder you will need to choose from your appropriate language and launch the installer. Inside the TRI-Select folder simply run the installer and then restart your computer.

After your computer restarts you can begin using the TRI-Select Button Management Software. You will find it in your application folder.

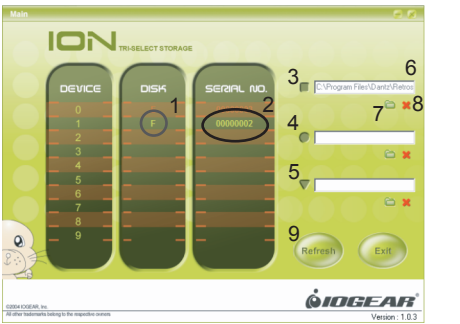


### TRI-Select Button Management Software Introduction

The TRI-Select Button Management Software allows you to configure each button for your custom backup sets as you wish. The Button Management Software identifies each disk for you by drive letter<sup>1</sup> and serial number<sup>2</sup>. When selected the drive letter and serial number are red and you can begin configuring the buttons. Each button is identified by the shape that appears on it. The top button is the square<sup>3</sup>, the middle button is the circle<sup>4</sup> and the bottom button is the triangle<sup>5</sup>.

In the software you will see a box<sup>6</sup> next to each shape, this is where the path to the selected backup script will be displayed. To choose a backup script for that button you want to click on the folder icon<sup>7</sup> below its box. If you ever decide you no longer want that button active simply click the red X<sup>8</sup> next to the folder icon and it will clear the box of your selected path.

Whenever you have a drive connected you want the TRI-Select Button Management Software active so be sure to minimize rather than close it whenever you are done using it. If you connect a new drive and want to configure its buttons be sure to click the Refresh button<sup>9</sup> and the software will scan for all new drives and list them as it finds them.



The TRI-Select Button Management Software in your start menu under Programs. On a Mac, there will be a TRI-Select folder installed into your Applications folder.

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### 8. TRI-Select Button Setup w/Dantz Retrospect

#### Button 1 (Mac & PC)

To begin setting up the square (top) button on your TRI-Select ION Drive simply press the button on the drive. At this point Retrospect Express should launch and begin the backup set tutorial, to begin click [Next].

#### Step 1

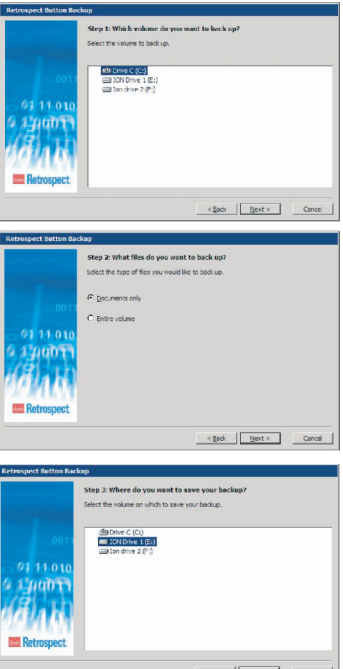
Choose the volume you want to backup from, and click [NEXT] to continue.

#### Step 2

Choose what you want backed up, backing up your "Documents only" will backup all the documents in your hard drive. Choosing "Entire volume" will backup your entire hard drive. When you have chosen click [Next] to continue.

#### Step 3

Choose your appropriate TRI-Select ION Drive as the destination. Once you have chosen click [Next] to continue.



#### Step 4

Finally you can click [Finish] to complete the setup or you can click [Start Now] to complete the setup and begin the backup now. Otherwise you can initiate backup by pressing the button.

#### Buttons 2 & 3 (PC)

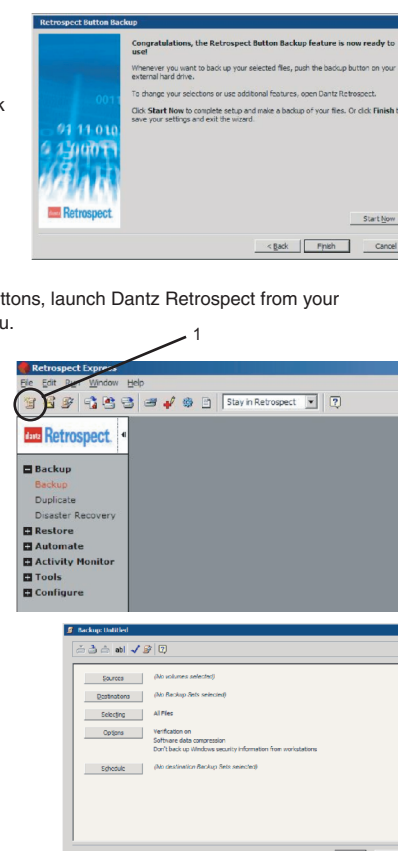
To begin setting up the next two buttons, launch Dantz Retrospect from your Programs Folder in your Start menu.

#### Step 1

First click on the new script icon<sup>1</sup> in the upper left of the tool bar, then choose what kind of backup script you would like to make. Your choices are "Backup", "Duplicate" or "Archive". Then Retrospect will ask you to name your script, do so and click [NEW].

#### Step 2

Then it will prompt you to choose your Source(s) and Destination. Click on [Sources] to begin.



#### Step 3

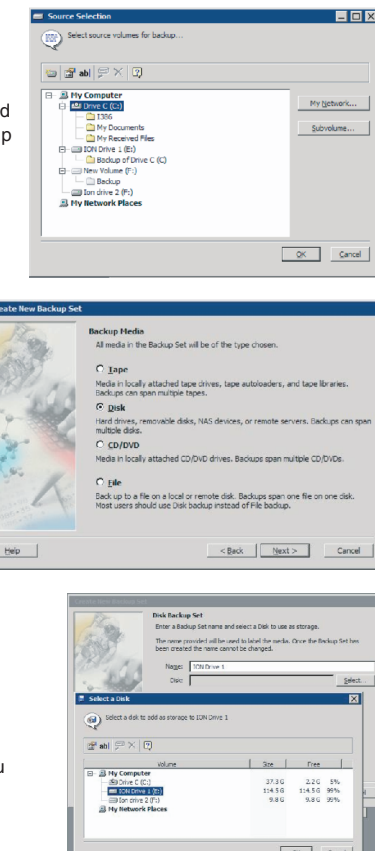
Your source is the folder and files you want backed up. When you are finished selecting everything you want to backup then click [OK].

#### Step 4

Click on [Destinations] and it will prompt you to choose your destination(s). For your first script you will have to click [Create New] to add a destination option. It will then ask what type of media you want to back up to, to backup your ION Drive choose "Disk", click [Next] to continue.

#### Step 5

Name your Disk Backup Set and click the [Select...] button to choose a disk as your destination, click [OK] after you have selected your disk, then [Next] to continue.



#### Step 6

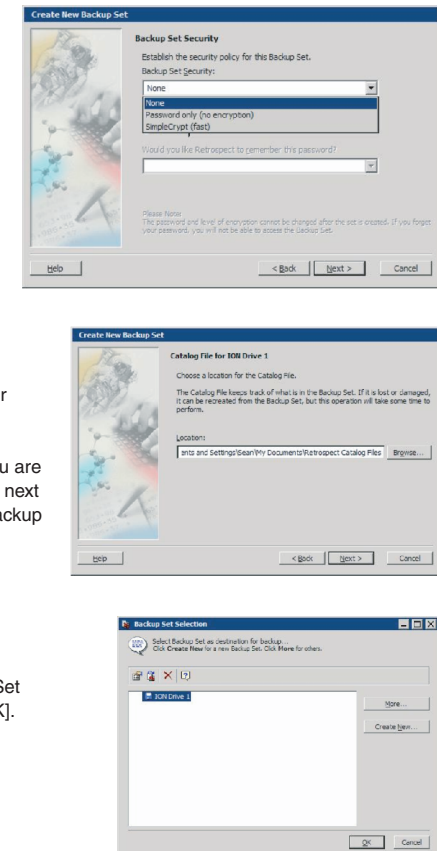
Choose an encryption type, you can choose from None, Password only and SimpleCrypt. Encryption will protect your data so only you can recover it as needed. Click [Next] to continue.

#### Step 7

Either use the default location for your Disk Backup Set or click [Browse...] to choose your own. Click [Next] to continue when you are ready. Then click [Finish] on the next screen to complete your Disk Backup Set.

#### Step 8

Now choose your Disk Backup Set from in the window and click [OK].



#### Step 9

If you wish, you can click the [Selecting...] button to filter what kind of files are backed up. By default, Retrospect will backup "All Files" from your specified destination. Once satisfied with your backup, just click on the Run & Save icon at the top.

#### Step 10

Now choose Make a "run document" from the choices and click [Save...]. Retrospect will then prompt you to save the script in your desired location. Please choose your desired location and save the script.

#### Now that you've finished your script you can choose to run it from one of the buttons on your TRI-Select ION Drive.

To do so, open up the TRI-Select Button Management Software and decide which button you want to run your script from. Then click on the appropriate folder icon to pick the script from the location you saved it to. Once you have selected the script as the launch item for a specific button you will be able to run that backup script any time you want to by pressing that button on the drive.

To setup another script go back to the beginning of Dantz Retrospect Setup. For more information, advanced techniques and other uses of Dantz Retrospect Express refer to the Manual in the Dantz Retrospect folder which is located in your Program Files folder.

#### Step 1

#### Step 2

#### Step 3

#### Step 4

#### Step 5

#### Step 6

#### Step 7

#### Step 8

#### Step 9

#### Step 10

#### Step 11

#### Step 12

#### Step 13

#### Step 14

#### Step 15

#### Step 16

#### Step 17

#### Buttons 2 & 3 (Mac)

#### Step 1

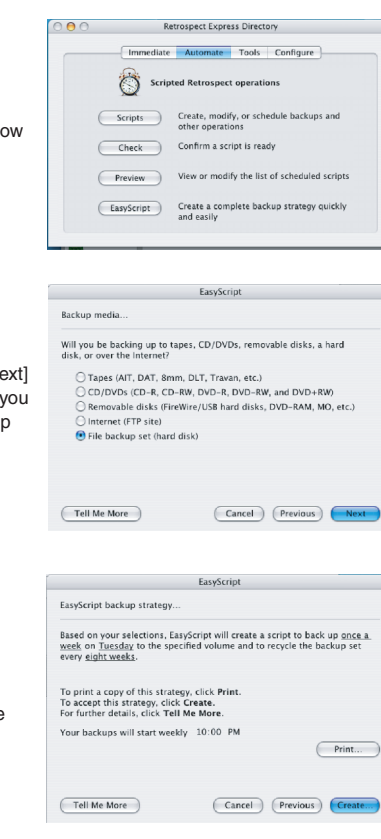
Go to the Automate tab in the Retrospect Express Directory window and click on the EasyScript button.

#### Step 2

Then you will see the Welcome to EasyScript window, please click [Next] to continue. EasyScript will ask you to select your type of media, to backup to your TRI-Select ION drive please select "File backup set (hard disk)" from the list and click [Next] to continue.

#### Step 3

The next window will ask you what frequency you want the backup to happen, choose Once a week and click [Next] to continue. Then in the next window choose a time for the script to run and click [Create...] to continue.



#### Step 4

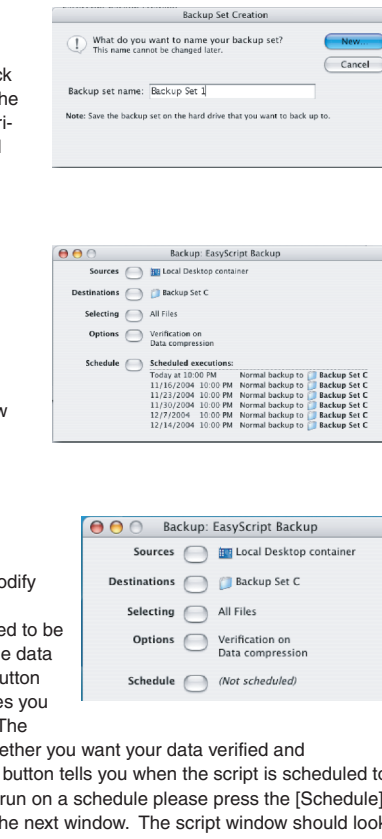
Then name your backup set and click [New...] to continue. Then choose the [Destinations] button should not need to be changed, but it determines where the data will be backed up. The [Selecting] button will allow you to filter the types of files you want to backup from your location. The [Options] button lets you choose whether you want your data verified and compressed or not. The [Schedule] button tells you when the script is scheduled to run. If you do not want the script to run on a schedule please press the [Schedule] button and delete the schedules in the next window. The script window should look something like this when you are done.

#### Step 5

In the next window EasyScript will announce that you are finished. Please click on the [Open Script] button to continue. Then it will open the main script window that will allow you to verify all the settings.

#### Step 6

The [Sources] button will allow to modify the data that is backed up. The [Destinations] button should not need to be changed, but it determines where the data will be backed up. The [Selecting] button will allow you to filter the types of files you want to backup from your location. The [Options] button lets you choose whether you want your data verified and compressed or not. The [Schedule] button tells you when the script is scheduled to run. If you do not want the script to run on a schedule please press the [Schedule] button and delete the schedules in the next window. The script window should look something like this when you are done.

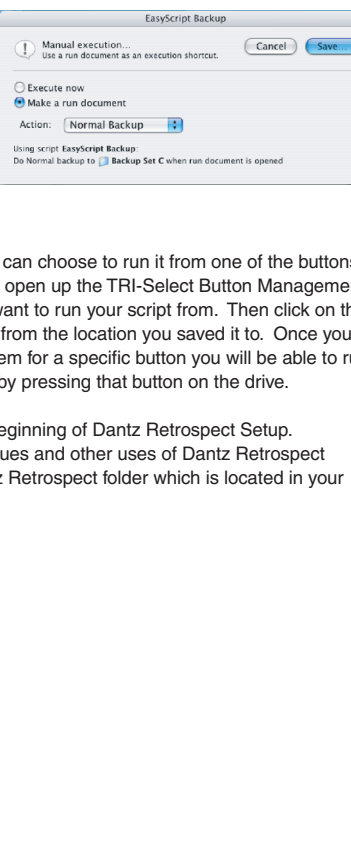


#### Step 7

Finally, in the menu bar go to "Script" and select "Save and Run...", in the window that opens choose "Make a run document" and click [Save...] and choose the location for the script to be saved.

Now that you've finished your script you can choose to run it from one of the buttons on your TRI-Select ION Drive. To do so, open up the TRI-Select Button Management Software and decide which button you want to run your script from. Then click on the appropriate folder icon to pick the script from the location you saved it to. Once you have selected the script as the launch item for a specific button you will be able to run that backup script any time you want to by pressing that button on the drive.

To setup another script go back to the beginning of Dantz Retrospect Setup. For more information, advanced techniques and other uses of Dantz Retrospect Express refer to the Manual in the Dantz Retrospect folder which is located in your Applications folder.



### Radio & TV Interference Statement

**WARNING!!!** This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause interference to radio communications. This equipment has been tested and found to comply with the limits for a Class B computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference, in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

### Limited Warranty

NONEVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or updates. For further inquiries please contact your direct vendor.

### 3.5" Tri-Select™ COMBO ION™ Drive High-Speed External Hard Drive Featuring Dantz Retrospect Backup Software

Quick Start Guide (3.5" FireWire / USB 2.0 Tri-Select Backup ION™ Series)

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit and/or any of the devices it connects to. Please refer to the electronic manual on the IOGEAR CD for further instructions on your new ION™ Drive.

Package contains:  
1 - 3.5" ION™ Drive featuring TRI-Select Backup Technology  
1 - Base (with screws)  
1 - Hi-Speed USB 2.0 (Type A to Type B) Cable  
1 - FireWire® (6 pin - 6 pin) cable  
1 - Power Adapter  
1 - Power cable  
1 - Quick Start Guide  
1 - IOGEAR® Installation CD with Electronic Manual  
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PKG-M0081/05

