G-Technology®

G|DRIVE® PRO
with Thunderbolt™

Thunderbolt Storage System with Transfer Rates up to 480MB/s

Welcome to G-DRIVE PRO with Thunderbolt

Table of Contents

Safety & General Use

About Your Drive

Using G-DRIVE PRO with Thunderbolt

Maintenance for Your Drive

Support & Warranty

G|DRIVE® PRO

with Thunderbolt™

Safety & General Use

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Safety Precautions

G-DRIVE® PRO with Thunderbolt™ warranty may be void as a result of the failure to respect the precautions listed here. If you detect a problem with your drive, please contact our **Technical Support department.**

If the product is returned with damage caused by improper handling, the warranty will be void and liability will rest with the user. Please read our **Limited Warranty**.

• **Servicing:** Your drive contains no user-serviceable parts. If it appears to be malfunctioning, have it inspected by a qualified Technical Support representative.

• **Moisture:** Place the device away from moisture or liquids. To reduce the risk of damage, do not expose this drive to rain or moisture. Do not use it in damp or wet conditions. Never place objects containing liquids on the drive as they may spill into its openings.

• **Ventilation:** Place the device in a vented area. The drive should never be placed near or over a radiator or heat source.

• **Temperature:** Do not expose this drive to temperatures outside the range of 5°C to 35°C (41°F to 95°F); or to operational humidity beyond 5-80%, non-condensing, or non-operating humidity beyond 10-90%, non-condensing. Avoid placing your drive near a source of heat, or exposing it to sunlight (even through a window), or in an environment that is too cold or humid.

• **Physical Damage:** Do not place heavy objects on the drive. Never use excessive force on your drive.

Backup Your Data

The disk drive contained in your G-DRIVE PRO with Thunderbolt (G-DRIVE PRO TB) device is a delicate electronic instrument and is susceptible to damage due to excessive physical shock. Under no circumstances will G-Technology be held liable for the recovery or restoration of lost data. Any loss, corruption or destruction of data while using a G-Technology drive is the sole responsibility of the user.

Make Two Backups

To help prevent the loss of your data, we highly recommend that you keep TWO copies of your data in separate storage locations. Keep one copy on your G-Technology drive. Keep a second copy on your internal hard drive, another G-Technology drive, or a form of removable storage media.

G|DRIVE® PRO

with Thunderbolt™

About Your Drive

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Introduction

Thank you for purchasing the G-DRIVE PRO with Thunderbolt (G-DRIVE PRO TB) from G-Technology.

Since 2004, G-Technology has provided storage for content creation professionals around the globe, and now G-DRIVE PRO TB redefines high-performance storage for content creation. Performance that was once only possible on MacPro desktop computers is now available on laptops and iMac systems thanks to Thunderbolt and G-DRIVE PRO TB.

Thunderbolt technology enables blazing fast transfers over an interface that is capable of sustaining two data streams at over 1000MB/sec each! This opens up incredible possibilities for mobile applications as well as simplifying high performance connectivity.

G-DRIVE PRO TB incorporates many of the same features of the standard G-DRIVE, including a thermo regulated smart fan, all-aluminum enclosure, and soft touch electronic power switch. The drive supports the most demaning professional content creation applications like Final Cut Pro,® Avid™ and Adobe Premiere®.
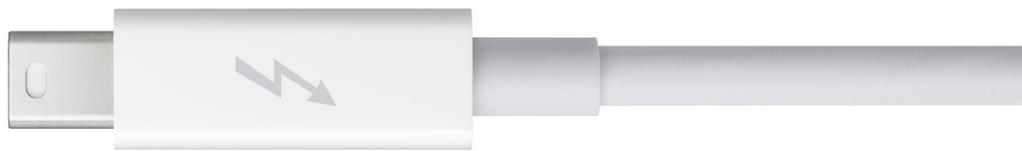
What's in the Box

The following items are included in the box:

• G-DRIVE PRO with Thunderbolt External Hard Drive
• (1) Thunderbolt cable
• Power cable
• AC power adapter
• Quick Start Guide
• 3-Year limited warranty

If any items are missing, please contact G-Technology at support@g-technology.com

System Requirements

G-DRIVE PRO with Thunderbolt supports the following Operating Systems. The drive is set up at the factory for use with Mac OS systems, and formatted as HFS+ with Journaling.

• Mac OS® 10.7 +
• Windows 8, 7 and Vista (via reformat)
• Thunderbolt port

Overview of the Drive

The images below highlight some of the features of your G-DRIVE PRO TB. There is a Power & Activity LED on the front of the unit that will glow when the unit is powered on, and will flash brighter as data is transferred to or from the hard drives.

On the rear of the unit is a Kensington® Security Slot, two high speed Thunderbolt ports, DC Power In and Soft-touch On/Off switch.
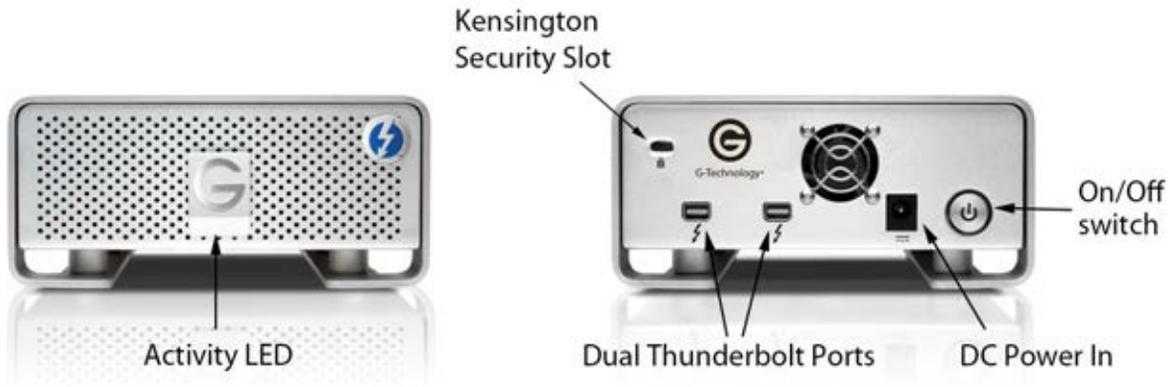
G|DRIVE® PRO

with Thunderbolt™

Using G-DRIVE PRO with Thunderbolt

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Easy Installation

G-DRIVE PRO TB attaches to your laptop with the included Thunderbolt cable. Simply plug one end into the Thunderbolt connector on your laptop, and the other end into either port on the rear of G-DRIVE PRO TB.

One of the great features of Thunderbolt technology is the ability to daisy-chain up to six Thunderbolt-enabled devices.
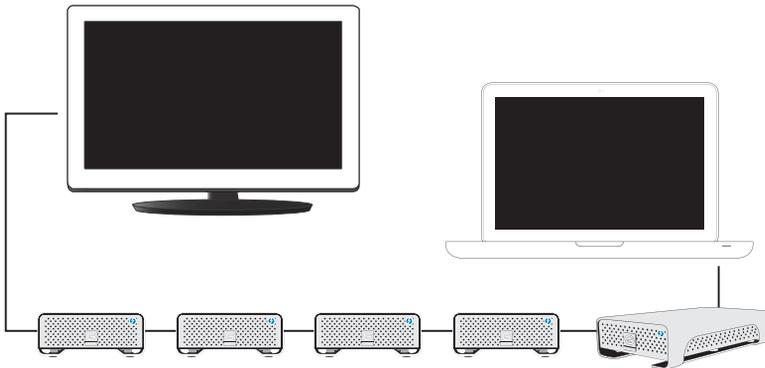
Connect the power cord to the unit and plug the other end into a surge protector or wall outlet. Press and hold the power button until the unit turns on. The drive will automatically mount on the desktop.

Disconnect the Drive

A great feature of Thunderbolt technology and G-DRIVE PRO TB is the ability to connect and disconnect the drive while your computer is running. To prevent failures and/or data loss, it is important to follow the steps below when disconnecting or 'unmounting' the drive from your computer.

1. Before powering down and disconnecting the drive, unmount the system by simply dragging the G-DRIVE PRO TB icon to the trash located in the dock. **Keyboard shortcut:** Select the drive icon and hit Command+E.

2. It is safe to remove the drive from your system when the drive icon is no longer present on your desktop.

3. To power off G-DRIVE PRO TB, press and hold the On/Off power button until the unit shuts down.

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Maintenance for Your Drive

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Initialize Drive for Mac

G-DRIVE PRO TB was factory-formatted for use or 'initialized' for Mac OS. You can reinitialize if you would like to quickly erase the contents of the drive. Here are the steps.

1. First, open the Disk Utility program. This application is located on your hard drive under Applications/Utilities/Disk Utility. The window below will appear. Your G-DRIVE DRIVE PRO TB will be displayed in the left-hand column.

2. Select the G-DRIVE PRO TB by clicking its drive icon in the left-side column. Information about the drive willl be displayed at the bottom of the window.

3. Select the Erase tab to view the formatting options. By default, the Format pop-up menu is set to the Mac OS Extended (Journaled) option.
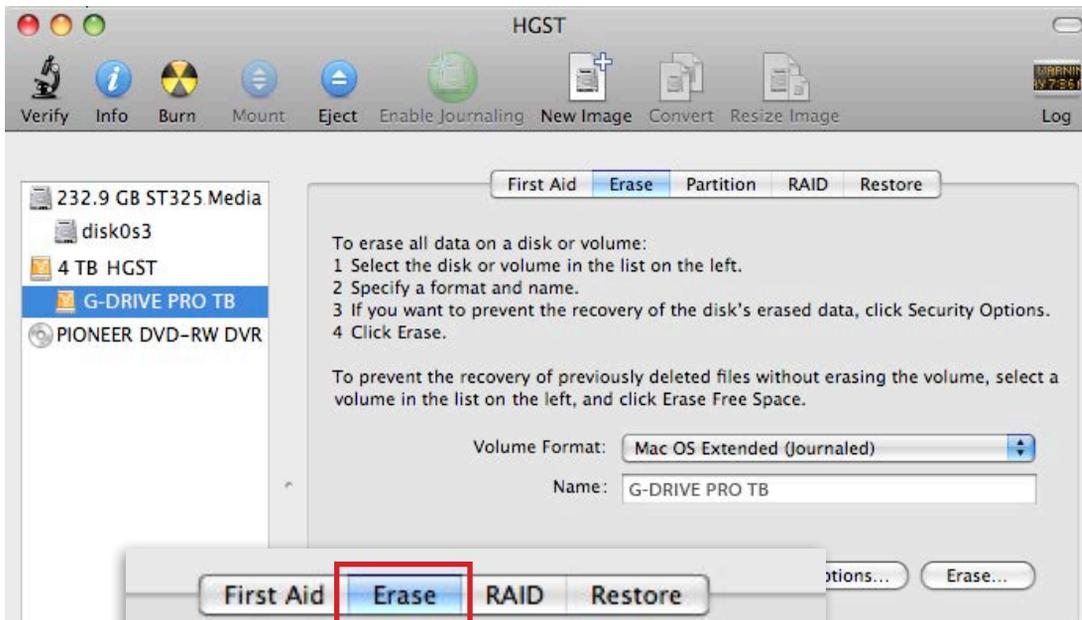
4. Choose the Format option that you prefer.

• Mac OS Extended (Journaled): Use this format if you intend to use the drive for Time Machine or to create a separate bootable installation of OS.

• Mac OS Extended: Use this format for best performance and media storage. To select, click the Format pop-up and its option to Mac OS Extended.
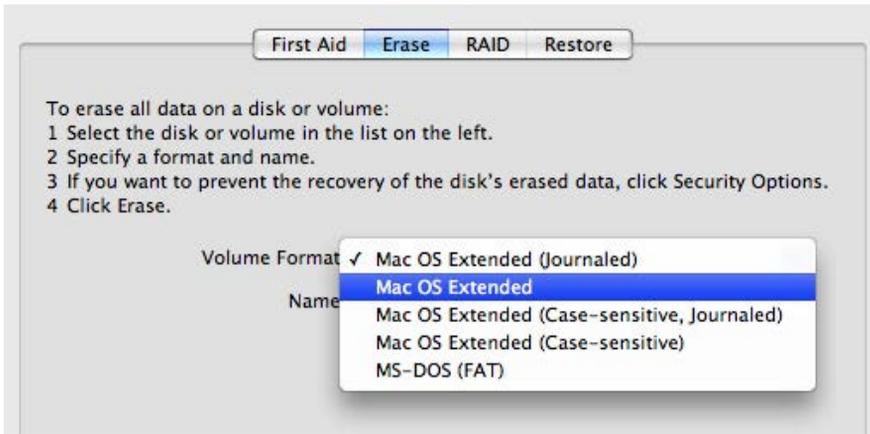
5. Click the Erase button in the lower right corner of the window. A dialog box will appear asking if you want to erase the G-DRIVE PRO TB partition.
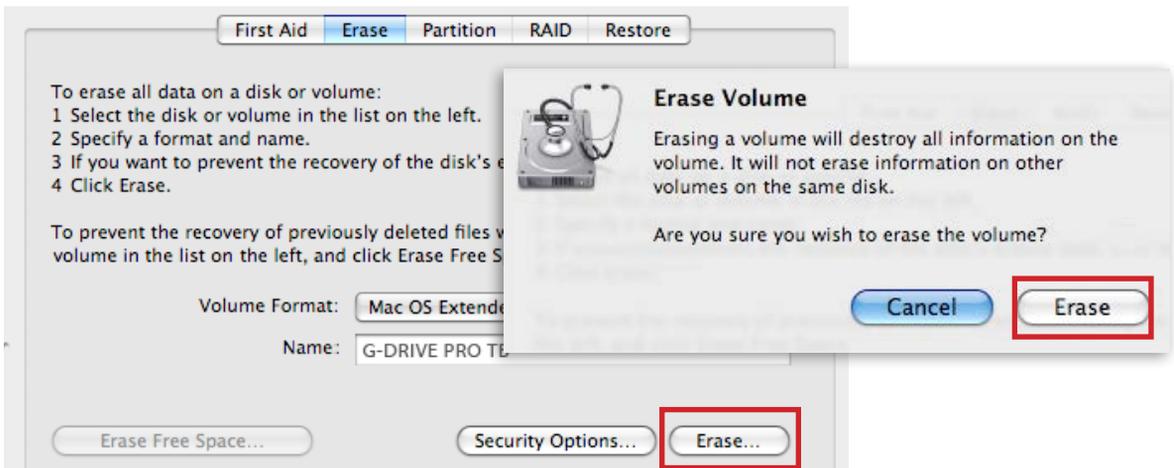
WARNING: THIS NEXT STEP WILL ERASE ALL DATA ON YOUR DRIVE.

6. Click on the Erase button to continue. A progress bar in the lower right corner of the window will show the progress of the disk's reformatting.

Erasing Volume

7. After the drive is reinitialized, you should automatically see the Time Machine dialog box.

   • Click the Use as Backup Disk button if you want to use the drive with Time Machine.

   • Click the Don't Use or Decide Later button if you do not want to use Time Machine at this point.

Do you want to use "G–DRIVE PRO TB" to back up with Time Machine?

Time Machine keeps an up-to-date copy of everything on your Mac. It not only keeps a spare copy of every file, it remembers how your system looked, so you can revisit your Mac as it appeared in the past.

Decide Later   Don't Use   Use as Backup Disk
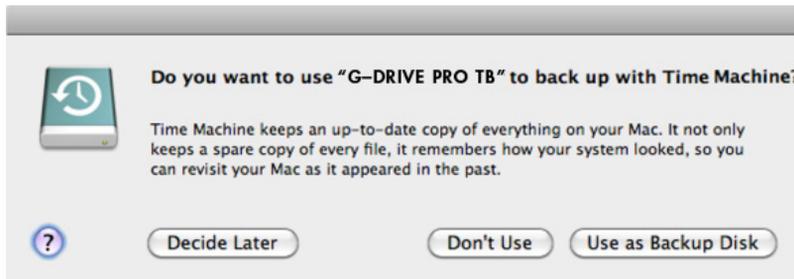
8. Quit the Disk Utility program. After reinitializing the drive, the custom icon for G-DRIVE PRO TB has been erased. You can optionally restore this icon with the steps on the .

Restore the Drive Icon

If the G-DRIVE PRO TB drive icon was erased during the configuration process (see the previous section), you can restore the icon with the following easy steps.

NOTE: This process is not required for the operation of the G-DRIVE PRO TB. However, it will make your drive's appearance on the computer desktop look nicer and more accurate.

1. To get the G-Technology icon package, go to **www.g-technology.com/support** and navigate to your product. There will be a link to download the icons.

2. Once downloaded, it should automatically open the G-Technology Icons folder as shown below. If not, double-click the Zip file to open. Next, double-click the DMG file to open the G-Tech Icons package.

3. Click to select the drive icon for G-DRIVE PRO TB in the package window. Press Command+C to copy the icon. *(below)*

4. Select the default G-DRIVE PRO TB drive icon on your desktop and press Command+I. This opens the Get Info window. *(below left)*

5. Select the default icon in the Get Info window. *(below left)*

6. Press Command+V to paste the custom G-DRIVE PRO TB icon into the Get Info window. *(below right)*
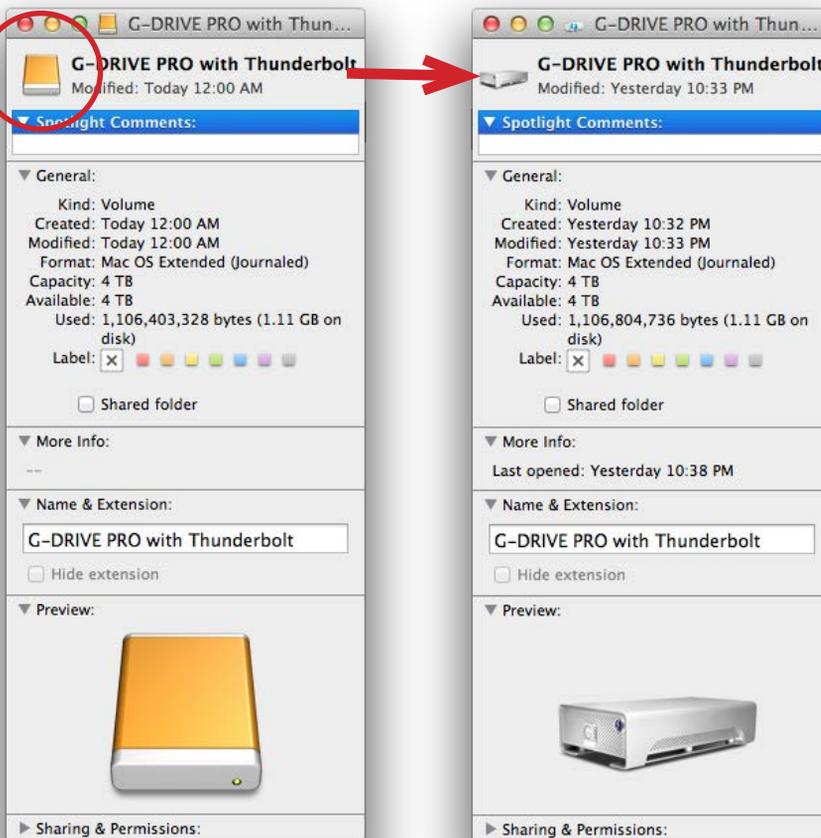
The icon for your G-DRIVE PRO TB has been restored and you can close the Get Info window. Your drive is now ready for use!

Reformat with Partitions

'Partitioning' a hard drive is the process of dividing a hard drive into separate, discrete sections called 'volumes'. Each volume works like a separate disk. You can create up to 16 different partitions on a hard drive in Mac OS and each partition can be a different size and format.

With hard drives getting bigger, it is useful to partition your hard drive so sections of its space can be used for different purposes. For instance, segment user data from backup data, set up a multi-boot environment with different Operating Systems or create a dedicated capture scratch disk for programs like Final Cut Pro.

The following steps will guide you through this simple process of partitioning your drive. *In this example, we will partition a 1TB G-DRIVE mobile with Thunderbolt. The steps will be identical for your drive, only the name may be different.*

1. First, open the Disk Utility program. This application is located on your hard drive under Applications/Utilities/Disk Utility. The window below will appear. Your G-Technology drive will be displayed in the left-hand column.
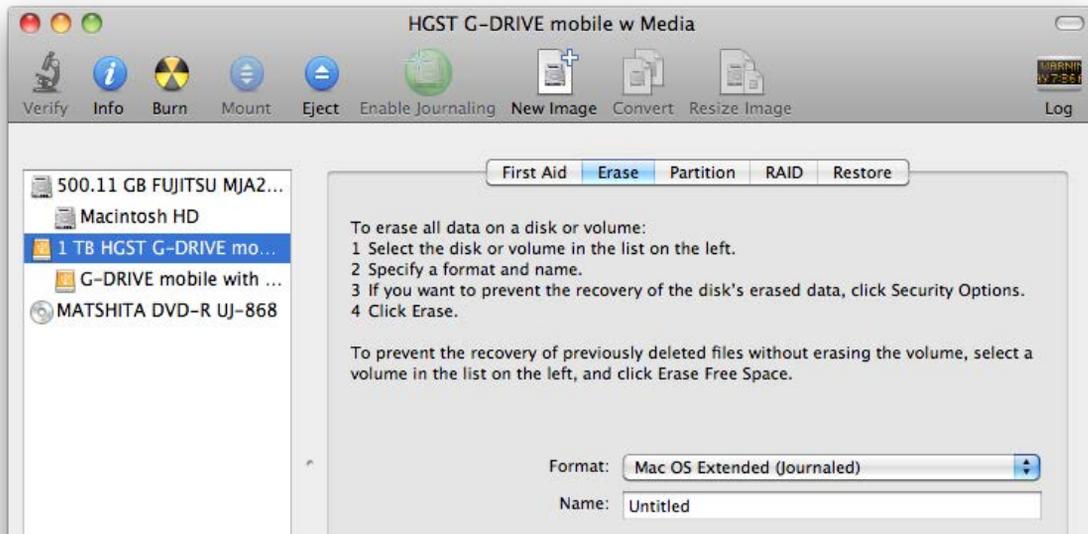
2. Select the FireWire or USB icon – not the G-Technology drive icon – by clicking it in the left-side column.

3. Click on the Partition button in the main window.
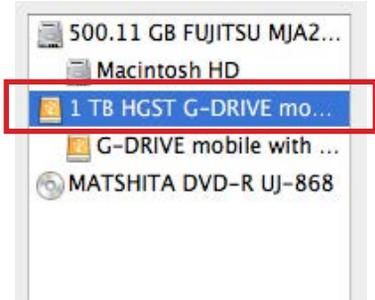
4. Select the number of partitions you would like from the Volume Scheme menu. Below, we have selected '2 Partitions' to create two partitions.
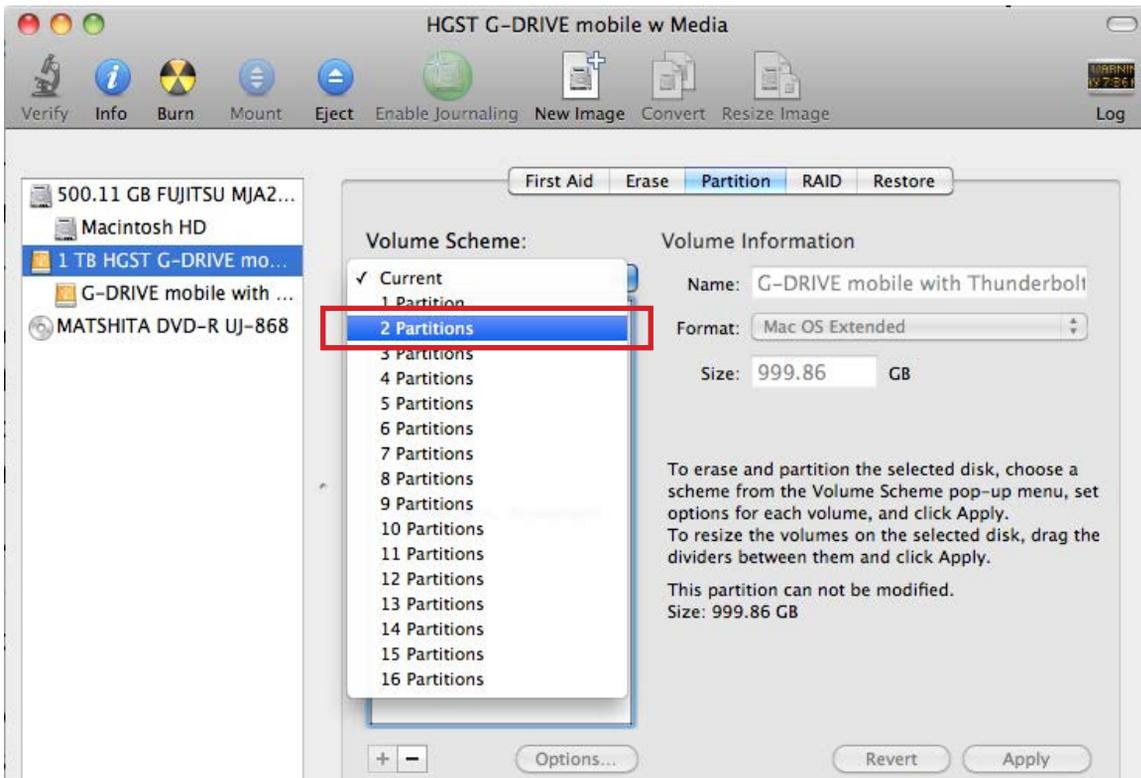
5. Click on the first partition in the Volume Scheme area. Your partition will be highlighted by a blue bounding box.

   • In the Name field, type a name for the partition.

   • From the Format menu, choose your desired disk format. If you will use your drive primarily on Mac OS, it is recommended to use Mac OS Extended or Mac OS Extended (Journaled). For info about formats, go here.

   • In the Size field, type in a size for the partition. Alternately, you can drag the bar in between each partition to quickly change the size.

6. Repeat this process for each partition you have created.

7. Click the Apply button in the lower right corner of the window. A dialog box will appear asking if you want to erase the G-Technology drive partition.

   WARNING: THIS NEXT STEP WILL ERASE ALL DATA ON YOUR DRIVE.
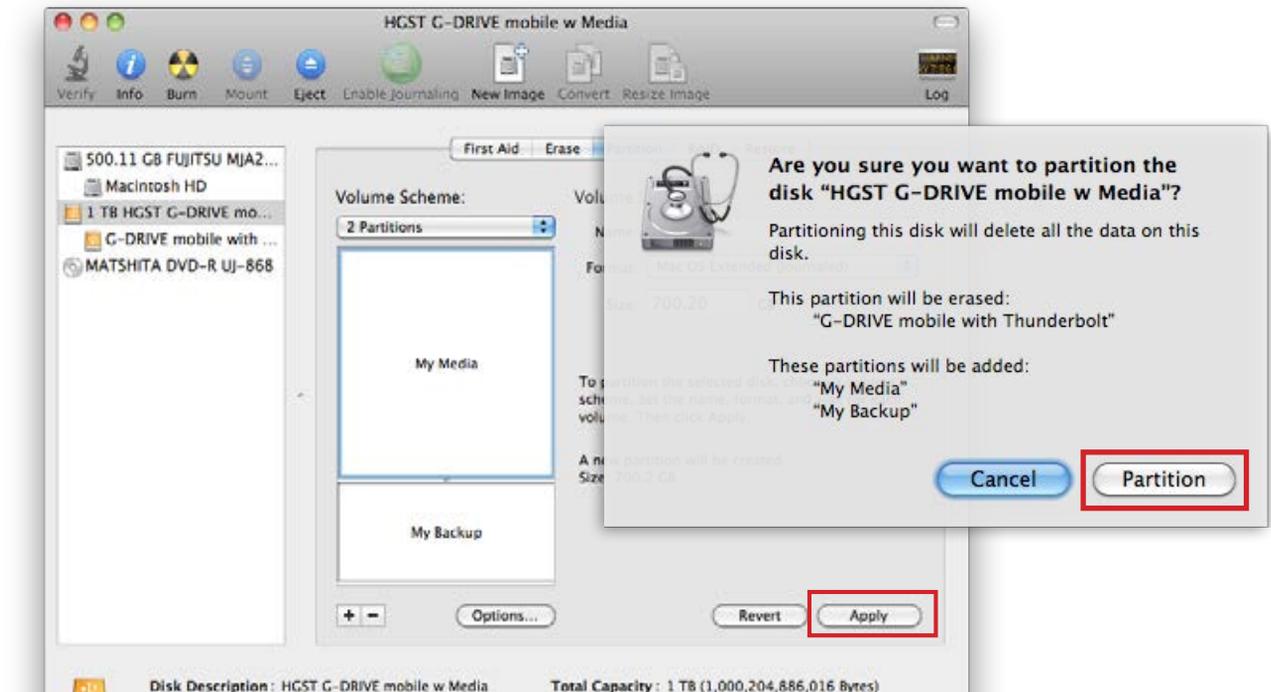
8. Click on the Partition button to continue. A progress bar in the lower right corner of the window will show you the progress of the disk's reformatting.

9. When partitioning is complete, the multiple partitions will be displayed in the left-hand panel of Disk Utility.

10. Quit the Disk Utility program. After reinitializing the drive, the custom icon for the G-Technology drive has been erased. You can optionally restore this icon to each partition with the steps on this page.
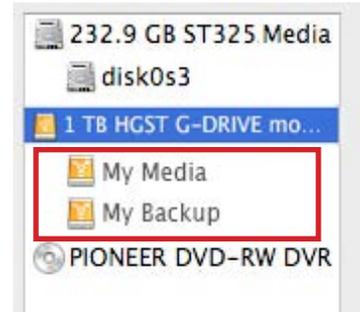
11. The multiple partitions of the G-Technology drive will be displayed on the desktop. Your drive is now setup with two or more partitions and ready for use.

G|DRIVE® PRO
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Support & Warranty

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Technical Support

Thank you for purchasing G-DRIVE PRO TB. If you have any comments or questions about this manual or the product, please let us know!

G-Technology appreciates and values its customers, striving to give you the finest service and support. If you encounter any difficulties while installing or using G-DRIVE PRO TB, please contact G-Technology Technical Support at:

www.g-technology.com/support

Helpful information for support

When contacting Technical Support, it's best to be in front of your computer and have the following information available:

• Your G-DRIVE PRO TB serial number (on bottom of unit)
• Operating System and version
• Computer model
• List of other devices attached to your computer

Limited Warranty

HGST, a Western Digital Company ("HGST")
Including G-Technology for External Hard Disk Drives

What does this limited warranty cover?

This Limited Warranty applies to new HGST products purchased from an authorized HGST dealer by the original purchaser for normal use and not for resale. HGST warrants that a covered product is free from defects in materials and workmanship, with the exceptions stated below.

How long does limited warranty coverage last?

This limited warranty lasts for 1 year, 2 years, 3 years or 5 years, or a fixed period from date of purchase, depending on when and where it was originally purchased. To determine the warranty specifically for your product, visit **www.g-technology.com**. A valid proof of purchase may be required to prove eligibility. If you do not have a valid proof of purchase, the limited warranty period will be measured from the date of sale from HGST to the authorized distributor.

What does this limited warranty not cover?

The limited warranty does not cover damage resulting from commercial use, misuse, accident, modification or alteration to hardware or software, tampering, unsuitable physical or operating environment beyond product specifications, improper maintenance, or failure caused by a product for which HGST is not responsible.

There is no warranty of uninterrupted or error-free operation. There is no warranty for loss of data—you must regularly back up the data stored on your product to a separate storage product. There is no warranty for product with removed or altered identification labels.

HGST DOES NOT PROVIDE ANY OTHER WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OR CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF IMPLIED WARRANTIES, SO THIS LIMITATION MAY NOT APPLY TO YOU. HGST is not responsible for returning to you product which is not covered by this limited warranty.

What must you do?

If you are having trouble with a product, before seeking limited warranty service, first follow the troubleshooting procedures that HGST or your reseller provides.

To obtain limited warranty service, you must first obtain a Return Materials Authorization (RMA) and ship-to address by contacting G-Technology at **http://www.g-technology.com/support**. Please follow the instructions found on the website. You must return the covered hard disk drive using approved packaging to our logistics center. You must pay any associated transportation charges, duties and in-surance in shipping the drive to our logistics center. You should remove all personal information from the product prior to its return.

What will HGST do?

HGST will replace the drive with a functionally equivalent replacement product, transportation pre-paid. HGST may replace your product with a product that was previously used, repaired and tested to meet HGST specifications. You receive tile to the replaced product at delivery to carrier at HGST shipping point. You are responsible for importation of the replaced product, if applicable. HGST will not return the original drive to consumers; therefore, the consumer is responsible for moving data to another media before returning. Data Recovery is not covered under this warranty and is not part of the warranty returns process. HGST warrants that the replaced products are covered for the remainder of the original product warranty or 90 days, whichever is greater.

How is our liability limited?

HGST AND ITS AFFILIATES, SUPPLIERS, DISTRIBUTORS, AND RESELLERS ARE NOT LIABLE FOR ANY OF THE FOLLOWING: 1) THIRD-PARTY CLAIMS AGAINST YOU FOR DAMAGES (OTHER THAN BODILY INJURY INCLUDING DEATH AND TANGIBLE PERSONAL PROPERTY; 2) LOSS OF, OR DAMAGE TO, YOUR DATA; OR 3) SPECIAL, INCIDENTAL, OR INDIRECT DAMAGES OR FOR ANY ECONOMIC CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), EVEN IF INFORMED OF THE POSSIBILITY. SOME JURISDIC-TIONS DO NOT ALLOW LIMITATION OF LIABILITY, INCIDENTAL DAMAGES, OR CONSEQUENTIAL DAM-AGES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

How do local laws apply?

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM JURISDICTION TO JURISDICTION.

CAPACITY DEFINITION AND DISCLAIMER

For G-Technology products 1TB or greater: "One gigabyte (GB) is equal to one billion bytes and one terabyte (TB) equals 1,000 GB (one trillion bytes). Accessible capacity will vary from the stated capacity due to formatting and partitioning of the hard drive, the computer's operating system, and other factors"

For G-Technology products less than 1TB: "One gigabyte (GB) is equal to one billion bytes when referring to hard drive capacity. Accessible capacity will vary depending on the operating environment and formatting."

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