

# **USER MANUAL**

# **VERBATIM HARD DRIVE**



#### Dear user!

Please note: this manual is a general manual which is used for several Verbatim products. Product pictures shown in this manual may differ from the device you purchased.

### Contents of the box

Please check the contents of the box. All articles included in this box are listed on the back of the packaging.

### Need assistance? Have questions?

In case you have a question about the use of this product, need information about other Verbatim products or need technical assistance, please contact the Verbatim Service Centre for your country. See **www.verbatim.com/support** for details.

## Warning !

All rights reserved. The products named in this manual are only used for identification purposes and may be trademarks or registered trademarks of the respective companies. This device was designed for home or office use.

Warning! This device is equipment complying with EN55022 class A. This equipment can cause radio disturbances in a residential area. If this is the case, the user has to take appropriate measures and assume all responsibility and costs for. It may not be used near or with any life-sustaining systems.

Verbatim cannot be made liable for any damages, loss of data or damage following thereof -whatsoever (including, without limitation, damages for loss of business profits, business interruption, loss of business information, or other pecuniary loss) arising out of the use of or inability to use this Verbatim product, even if Verbatim has been advised of the possibility of such damages.

We reserve the right to upgrade our products in keeping with technological advances.



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## **General Information**

The following hardware and software requirements must be fulfilled to ensure trouble-free operation.

#### System requirements

In order to use the Verbatim Hard Drive, the following components are needed:

PC:

- Intel Pentium III / AMD Duron 900 MHz or higher
- 512 MB RAM or higher
- Available USB 3.0/2.0 port\* or
- Available Firewire 800- or Firewire 400- port\* or
- Available eSATA- port\*
- Internet connection for online warranty registration, software updates and downloads
- Operating system: Windows 7, 8, 10

#### Mac:

- PowerPC G5 or Intel Mac
- 256 MB RAM or higher
- Available USB 2.0/3.0 port\* or
- Available Thunderbolt port\* or
- Available Firewire 800- or Firewire 400- port\* or
- Available eSATA- port\*
- · Internet connection for online warranty registration, software updates and downloads
- Operating system: Mac OS X v10.4.6 or higher



#### **Precautionary Measures**

To ensure that your Verbatim Hard Drive functions properly, please take note of the following precautions. If these are not followed, you may void your warranty and damage the Verbatim Hard Drive.

- Safely remove the Verbatim Hard Drive via your operating system (the "unplug or eject hardware" option in the Windows taskbar) before disconnecting the USB cable. Failing to do so may result in data loss.
- Do not drop the Verbatim Hard Drive or expose it to other kinds of sudden mechanical shocks as this may result in data loss and damage to the Verbatim Hard Drive.
- Do not use the Verbatim Hard Drive when the ambient temperature is below 10°C or above 35°C.
- If the Verbatim Hard Drive is moved from a cool environment to a warmer environment, please allow the drive to acclimatise to the ambient temperature before operating the device. Failing to do so may lead to condensation within the drive enclosure, which in turn may cause the drive to malfunction.
- Do not expose to moisture or liquid as it may cause the drive to malfunction.
- Do not use the Verbatim Hard Drive in a dusty environment. Dust inside the enclosure may damage the internal electronics and result in drive malfunction.
- Opening the Verbatim Hard Drive enclosure will void the warranty.
- USB 3.0 is backwards compatible with USB 2.0, the Verbatim Hard Drive can be connected to all USB ports. When connected to a USB 2.0 port the performance (data transfer rate) of the Verbatim Hard Drive will be much lower than when the drive is connected to a USB 3.0 port.

If at any point during installing and/or configuring your Verbatim Hard Drive you need assistance or have questions, please contact the Verbatim Support Centre for your country. See **www.verbatim.com/support** for details.



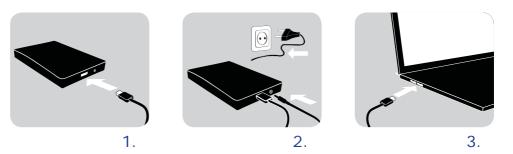
#### Verbatim Hard Drive

The high speed data transfer through the interface (e.g. USB, Thunderbolt, eSATA, Firewire, LAN) makes it ideally suitable for data-storage, file sharing, backup, archiving, audio playback and all applications that need fast file access.

The Verbatim drive comes preformatted in FAT32 (for drives with a capacity of 1TB and 2TB) or NTFS (for drives with a capacity of 3TB and 4TB or higher). FAT32 format allows operation with either Windows or Mac OS. NTFS format is only compatible with Windows 7, 8 and 10, and only readable for Mac OS. If you want to use your drive on a Mac system please reformat the drive in HFS+ format. Reformatting the drive will delete all the data on the drive so be sure to save them before.



### Chapter: Hardware Installation



- 1. Connect the interface cable\* to the Verbatim Hard Drive.
- 2. **Optional:** Connect the cable of the power supply to the Verbatim Hard Drive and the power supply itself to the socket.
- 3. Connect the interface cable\* to the interface port of your computer.
- 4. **Optional:** if your device comes with a power switch, switch on the device before using it.
- \* Please use the interface cables that come with your device (e.g. USB, Thunderbolt, eSATA, Firewire, LAN) for connecting the device to your PC/Mac.

USB 3.0 is backwards compatible with USB 2.0, the Verbatim Hard Drive can be connected to all USB ports. When connected to a USB 2.0 port the performance (data transfer rate) of the Verbatim Hard Drive will be much lower than when the drive is connected to a USB 3.0 port.

For optimum performance the Verbatim Hard Drive should always be connected to a USB 3.0 interface.

### Chapter: Driver Installation

Under Windows 7/8/10 and Mac OS X a separate Verbatim driver is not required. The drivers will be installed automatically by the operating system after plugging in the Verbatim Hard Drive into the interface port of the computer.

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## Chapter: Installation of the Application Software

### Software installation PC

1. Click on "Start PC.exe" in the main directory of the hard drive. The Verbatim start menu opens.

Welcome	Verbatim. Techning sin can that	
Verbatim Hard Drive	Welcome	
	Manuais	
	Software	
	Support	
	Verbatim-Products	
Show drive content	Save Verbatim files	
國	Close	

2. Click on "Software". The installation will now start. Follow the instructions on screen, confirm with "Next" in order to continue with the installation.

#### Saving Verbatim data

The user manuals and complimentary software (where applicable) are pre-loaded onto the hard drive. We recommend that you save these files to your computer ("My Documents"/"Verbatim"), to always have a backup of these files in case you accidentally reformat the drive or delete these files from the drive.

Saving these files from the external hard drive to your computer is easy:

- 1. Click on the button "Save Verbatim files".
- 2. All provided data on the Verbatim hard drive will be saved to the folder "Verbatim" in "My Documents".

Welcome	Verbatim.	
Verbatim Hard Drive	Welcome	
	Manuals	
	Software	
	Suppor	
	Verbatim-Product	
show drive content	Save Verbatim file	
<b>2</b>	Close	

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### Software installation Mac

1. Click on "Start MAC" in the main directory of the hard drive. The Verbatim start menu opens.

Welcome	Verbatim. Tedrokigy you uar mar		
Verbatim Hard Drive	Welcome		
	Manuals		
	Software		
	Support		
	Verbatim-Products		
Show drive content	Save Verbatim files		
<b>2</b>	Close		

2. Click on "Software". The installation will now start. Follow the instructions on screen, confirm with "Next" in order to continue with the installation.

#### Saving Verbatim data

The user manuals and complimentary software (where applicable) are pre-loaded onto the hard drive. We recommend that you save these files to your computer ("Documents"/ "Verbatim"), to always have a backup of these files in case you accidentally reformat the drive or delete these files from the drive.

Saving these files from the external hard drive to your computer is easy:

- 1. Click on "Start MAC" in the main directory of the hard drive. The Verbatim start menu opens.
- 2. Click on the button "Save Verbatim files".
- 3. All provided data on the Verbatim hard drive will be saved to the folder "Verbatim" in "Documents".

Welcome	Verbatim. Technikge yns can trow	
Verbatim Hard Drive	Welcome	
	Manuals	
	Software	
	Support	
	Verbatim-Products	
Show drive content	Save Verbatim files	
<b>9</b>	Close	



### Using Time Machine with your Verbatim Hard Drive

Time Machine allows you to make automated backups of your complete system under Mac OS X 10.5 and Mac OS 10.6 or higher.

- 1. Connect your Verbatim Hard Drive via the interface to your Mac. If you did not specify a backup volume yet, Time Machine will ask you when connecting the Verbatim Hard Drive for the first time if the device shall be used as backup drive.
- 2. After your Verbatim Hard Drive appears on the desktop, click on "Use as Backup Disk" to confirm that you want to use your Verbatim Hard Drive for Time Machine backups. In the Time Machine preferences you can configure your backup settings further.

Time Machine now automatically creates backups of your Mac. Time Machine will keep hourly backups for the last 24 hours, daily backups for the last month and weekly backups until your Verbatim Hard Drive is full.

The first backup can take some time, so it is sometimes easier to create the first backup overnight.

Note: If your Verbatim Hard Drive is formatted in NTFS or FAT 32 format, you need to format your drive in Mac OS Extended (Journaled) format. Failure to do so will result in all data being deleted!



## Chapter: Partitioning your Verbatim Hard Drive

#### General information

The Verbatim drive comes preformatted in FAT32 (for drives with a capacity of 1TB and 2TB) or NTFS (for drives with a capacity of 3TB and 4TB or higher). FAT32 format allows operation with either Windows or Mac OS. NTFS format is only compatible with Windows 7, 8 and 10, and only readable for Mac OS. If you want to use your drive on a Mac system please reformat the drive in HFS+ format. Reformatting the drive will delete all the data on the drive, so be sure to save them beforehand. We do not recommend changing the current configuration of your Verbatim Hard Drive.

For some users another file system might fit better for their needs. This manual describes current limitations of most common file systems and instructions to enable you to adapt the Verbatim Hard Drive to your needs.

#### File System features

Please refer to the tables below for an overview:

File system Operating system	FAT	FAT32	NTFS	HFS+
Windows 7/8/10	yes	yes	yes	no
Mac OS X	yes	yes	yes (only read)	yes

#### File systems supported by different operating systems

#### Maximum size of a partition

File system	FAT	FAT32	NTFS	HFS+
Operating system				
Windows 7/8/10	4 GB*	32 GB	16 TB	-
Mac OS X 10.1.x	-	128 GB	-	2 TB
Mac OS X 10.2.x	-	128 GB	-	8 TB
Mac OS X 10.3.x or higher	-	( -> 128 GB)	-	16 TB

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Example for different partitions with different file systems on one Verbatim Hard **EN** Drive

250 GB 220 GB	30 GB
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Note: On NTFS formatted hard drives can only be written under Windows 7  $\,$  / 8  $\,$  10. Under MacOSX data can only be read.

The example above is a good solution for Windows 7/8/10 users who sometimes exchange data with Macs.

For storing the data under Windows 7 / 8 / 10 both partitions can be used. As the NTFS file system can only be read by Mac data to be used on these operating systems must be stored on the FAT32 partition.

Please follow the steps below to adapt the Verbatim Hard Drive for your needs.

#### Partitioning your Verbatim Hard Drive under Windows 7 / 8 / 10

#### Deleting a partition

- 1. Click with the right mouse button on the "My Computer" icon on your desktop.
- 2. Select the option "Manage".
- 3. Select the option "Storage" -> "Disk Management".
- 4. Choose your external Verbatim Hard Drive and right-click on the partition.
- 5. Select "Delete Partition" and confirm by clicking on "Yes". The partition will be deleted.

#### Creating a partition

The following steps will guide you through the process of creating partitions on your Verbatim Hard Drive. After this procedure your Verbatim Hard Drive will be ready for use and it will be allocated a drive letter.

- 1. Click with the right mouse button on the "My Computer" icon on your desktop.
- 2. Select the option "Manage".
- 3. Select the option "Storage" -> "Disk Management".



4. Choose the hard drive, which is "unallocated". Ensure that the entire drive is "unallocated". EN

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A Computer Management (Local	Volume	Layout	Type	File System	Status		Actions	_
System Tools     O Task Scheduler     Eli Event Viewer	Car Car (C) Car System Reserved	Simple Simple Simple	Basic			y Partition) age File, Crash Dump, Primary Partition , Active, Primary Partition)	Disk Managemen	
Event vector     Event vector     Event vector     Event vector     Event vector     Event Vector Address     Event Vector Nanager     Device Manager     Device Management     Event vector     Event vector     Event vector     Event vector	ua system keserves	2.0pt	Dates	NIB	Peeriny (System)	Active, Himay Fandony		
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		System Res 350 MB NTF	e ()	Ca 4.82 GB NTFS		100.60 GB		
		Healthy (Sys			lage File, Crash D	Healthy (Primary Partition)		
	Disk 1							
	931,50 GB	931,50 GB Unallocated						
	DVD (D:)							
	No Media						~	
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5. Click with the right mouse button on the "unallocated" area and select the option "New Partition". The "New Partition Wizard" opens. Click on "Next".

New Simple Volume Wizard	×
Welcome to the New Simple Volume Wizard This wizard helps you create a simple volume on a disk. A simple volume can only be on a single disk. To continue, click Next.	
< Back Next > Can	cel



6. Select "Primary partition" and click on "Next". (Windows XP)



 Now you can adjust the size of your partition. Click on "Next" if only one partition is to be created. See next chapter (Creating two or more partitions on the Verbatim Hard Drive under Windows 7/8/10) on how to create more than one partition.

Specify Volume Size Choose a volume size that is betwee	pple Volume Wizard
Maximum disk space in MB: Minimum disk space in MB: Simple volume size in MB:	963857 8 5538357
	< Back Next > Cancel

8. Assign a drive letter to your hard drive. Normally you can use the default options. Click on "Next".



Select the formatting option "Format this partition with the following settings". Choose EN either "FAT32" (< 32 GB) or "NTFS", the "Allocation unit size" should remain on "Default". Finally select "Perform a quick format" and click on "Next".</li>

Format Partition To store data on this partition, yo	u must format it first.		
Choose whether you want to for	nat this volume, and if so,	what settings you w	ant to use.
O Do not format this volume			
Format this volume with the	e following settings:		
<u>File system:</u>	NTFS	~	
Allocation unit size:	Default	~	
Volume label:	VERBATIM HD		
Perform a quick form	at		
Enable file and folde	r compression		

10. Click on "Finish" to complete the partitioning of your Verbatim Hard Drive. Your Verbatim Hard Drive will be formatted now and is ready-to-use afterwards.

Completing the New Sim Volume Wizard	ple
You have successfully completed the New Wizard.	Simple Volume
You selected the following settings: Volume Upto: Simole Volume Disk selected: Disk 1 Volume size: 533557 MB Drive letter or path: E: File system: NTFS Allocation unit size: Cefault Volume isdet: VERBATIM HD Classif format Verb To close this wizard, click Finish.	~



Creating two or more partitions on the Verbatim Hard Drive under Windows 7/8/10 EN

- 1. Repeat the steps from the previous chapter (Creating a partition on the Verbatim Hard Drive under Windows 7/8/10) for creating the first partition.
- 2. Click with the right mouse button on the "My Computer" icon on your desktop.
- 3. Select the option "Manage".
- 4. Select the option "Storage" -> "Disk Management".
- 5. Right-click on the unallocated space of your Verbatim Hard Drive and select the option "New partition". The "New Partition Wizard" opens. Click on "Next".
- 6. Select "Extended partition" and click on "Next". (Windows XP)

lew Partitio	n Wizard
Select Par There a	tition Type to three types of partitions: primary, extended, and logical.
Select t	ne partition you want to create:
OB	rimary partition
ΘE	stended partition
OL	ogical drive
Desc	iption
can	dended partition is a portion of a Master Boot Record (MBR) basic disk that contain logical drives. Use an extended partition if you want to have more four volumes on your MBR basic disk.
	< Back Next > Cancel

7. Now you can adjust the size of your partition. Enter the size and click on "Next"

Specify Volume Size Choose a volume size that is betwee	pple Volume Wizard
Maximum disk space in MB: Minimum disk space in MB: Simple volume size in MB:	953857 8 82000 -
	< Back Next > Cancel



8. Click on "Finish" to create the "Extended partition". The unallocated space is now changed **EN** to "Free space".



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		System Reserve	(C)				^		
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	CHDink 1						- 81		
	931,50 68	VERBATIM HD ( 31,25 GB NTF5 Healthy (Primary		900,25 GB Unaflocated					
	CD-ROM 0 DVD (D) No Media								



9. Right-click on "Free Space" and select "New Logical Drive". The "New Partition Wizard" EN opens. Click on "Next".

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	CPDisk 0 Basic 465,76 GB	150 MB NTH	HD dta	364,82 GB Healthy (B		Crash Dump, P 900,25 GB Unaffocated		New Sim New Spa	pie Volume. med Volume		

- 10. "Logical drive" is already selected. Click on "Next".
- 11. Specify the partition size and click on "Next".
- 12. Assign a drive letter and click on "Next".
- 13. Select the formatting option "Format this partition with the following settings". Choose either "FAT32" (< 32 GB) or "NTFS", the "Allocation unit size" should remain on "Default". Finally select "Perform a quick format" and click on "Next".
- 14. Click on "Finish" to complete partitioning. Your partition will be formatted and is now ready-to-use.

Note: If you select NTFS as file system, the data of your Verbatim Hard Drive can be read only under Mac OS X. There is no possibility to write data.



### Partitioning your Verbatim Hard Drive under Mac OS X

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- 1. Open the "Disk Utility". This can be found in "Applications" -> "Utilities".
- 2. Click on the tab "Partition".

Volume Scheme:	Volume	Information	
1 Partition	Name:	VERBATIN HD	
	Format	Mac OS Extended (Journaled)	(0)
	Size:	CB	
+ - Cotions		(Rent)	Apply
	YEMING	. To parts	Kernet Mac OS Disented (poundate)     Size C8     C8     To partition the selected disk, choose a volume to     anere, format, and size for each volume. Then cic     Aner volume will be created.     Size

Here you can setup the partition settings and partition the drive according to your settings (e.g. Mac OS Extended). Detailed information on how to use the Disk Utility can be found in the help menu:





## Limited Warranty Terms

Verbatim GmbH warrants this product to be free from defects in material and workmanship for a period of 2 years from date of purchase. This warranty excludes batteries. If this product is found to be defective within the warranty period, it will be replaced at no cost to you. You may return it with your original cash register receipt to the place of purchase or contact Verbatim.

Product replacement is your sole remedy under this warranty, and this warranty does not apply to normal wear or to damage resulting from abnormal use, misuse, abuse, neglect or accident, or to any incompatibility or poor performance due to the specific computer software or hardware used.

VERBATIM WILL NOT BE LIABLE FOR DATA LOSS OR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES, HOWEVER CAUSED, FOR BREACH OF WARRANTIES OR OTHERWISE. This warranty gives you specific legal rights and you may also have other rights which vary from state to state or country to country.

NOTE: Verbatim GmbH may at any time revise the content of this user guide without further notice.

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All other brands and product names referenced herein are property of their respective owners.



## FCC Compliance

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 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/TV technician for help

### WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.



The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local municipal household waste disposal service or shop from where you purchased the equipment.



## **CE** Declaration

### EC Declaration of Conformity

Complied the requirements set out in the Council Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility (2014/30/EC) and Low Voltage Protection 2006/95/EC.

This declaration applies to all specimens manufactured identical to the model submitted for testing/evaluation.

EN 55032:2012+ AC:2013 (Class B) EN 61000-3-2:2014 EN 61000-3-3:2013 AS/NZS CISPR 32:2013 EN 55024:2010 IEC 61000-4-2: 2008 IEC 61000-4-3: 2006+ A1:2007+ A2:2010 IEC 61000-4-4: 2013 IEC 61000-4-5: 2014 IEC 61000-4-6: 2013 IEC 61000-4-8: 2009 IEC 61000-4-11: 2004

## **RoHS** Compliance

This product is in compliance with Directive 2011/65/EU of the European Parliament and of the Council of 18 December 2006, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments. Substances of Very High Concern (SVHC) including 169 substances contained in Candidate List of June 20th 2016 are not present in this product range above permitted levels.