

# **Datalux** STORAGE



**3,5" mobile hard disk**

DLX-35-SI



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## Introduction

Thank you for purchasing this USB 2.0 device. The USB 2.0 is a mobile HDD case that can optionally be supplied with an integrated hard disk. It is ideal for data transfer to PS consoles and can be used as an additional hard disk. Information in this user's guide may differ from the product model.

## Safety Instructions

- Under no circumstances dismantle the device.
- Do not attempt to carry out any repair or maintenance work on the device. Leave any servicing to qualified personnel.
- Do not use the device in the vicinity of water (e.g. wash basins, baths or swimming pools) and keep it away from moisture, dripping or splashing liquids and rain.
- Prevent fire or electrical shock: do not let the device come into contact with rain or humid environments.
- Do not expose the device to high temperatures, high humidity or direct sunlight.
- If there is a threat of lightning, switch off the computer and disconnect PC and external HDD from the mains.
- Always disconnect the device from the mains before long periods of absence.
- Don't position the drive near any electronic devices (such as TVs, radios etc.). Proper operation can be affected by the magnetic fields of such devices.
- Don't place heavy items on the device and don't apply excessive pressure to the casing.
- Clean the device with a soft and dry cloth. Don't expose the device to benzene, thinners or other chemical substances.

## 1. System requirements

- Windows® : 98/98 SE/Me/2000/XP
- Mac: OS 8.6 or higher
- Free USB port
- CD-ROM drive (only for Windows 98)

## 2. Hard drive mounting

***If a hard drive is included with the product, continue from section 3.***

1. Remove the screws on both sides of the casing and remove the front cover.
2. Connect the 3.5" hard drive to the IDE port on the board.
3. Connect the power supply to the hard drive. Make sure all plugs are firmly connected to the ports. Caution: Only use the power supply unit provided. The device can be damaged through using a different power cable or power adapter and the warranty will then be void. Disconnect the power cable before transport to avoid any damage to the hard drive.
4. Fasten the casing with the screws supplied.
5. Connect the USB cable to the hard drive and a free USB port on your computer.

Note:

Windows/Mac may take a few seconds to detect the hard drive.

## 3. Application

### **Under Windows® 98/98SE**

Windows® 98/98SE can manage a maximum of only 128 GB on one logical drive. If your hard drive is larger than 128 GB, you will have to create more than one logical drive (partition). Refer to chapter 4 for detailed information.

### **3.1 Driver installation (Windows 98)**

1. Connect the hard drive to a free USB port on your computer.
2. Insert the CD provided into your CD-ROM drive and, in "My Computer", select your CD-ROM drive.
3. Select the directory "GL-811E-USB2.0" and double click on the file "setup.exe".
4. Follow the instructions on the screen.

### **Under Windows® Me/2000/XP**

These operating systems do not require you to install drivers.

## **4 Formatting/partitioning**

*Important note:*

All hard drives are formatted with FAT32 (see section 5). If you want to use a different file system, you will have to reformat this hard drive.

Before formatting, you will have the opportunity to split the drive into several partitions. These are defined areas on a hard drive that can be addressed as a separate (logical) drive.

### **4.1 Formatting under Windows 98/98SE**

**Caution!** By proceeding with the steps below, all data is erased from the hard drive. Save important data first and proceed with the following instructions afterwards:

1. Start your PC, connect the hard drive and click "Start/Run".
2. In the command prompt of the MS-DOS window, type "fdisk" and press "Enter".
3. Click "Yes" when asked to activate support for large drives.
4. Switch to your new hard drive (normally item 5 in the FDISK menu).

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5. Delete all partitions and logical drives on this hard disk.
  6. Now you can add logical drives and primary partitions.
  7. Having created a logical drive, the computer will need to be restarted before you can start formatting.
  8. When formatting is complete, the hard disk is ready to operate. Please refer to the Windows Help for more information about formatting or partitioning and on how to use DOS commands.

#### **4.2 Formatting under Windows® Me, 2000 and XP:**

**Caution!** By proceeding with the steps below, all data is erased from the hard drive. Save important data first and proceed with the following instructions afterwards:

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1. Connect the drive to a free USB 2.0 port on your computer.
  2. Right click on "My Computer" and click "Manage".
  3. In the window "Computer Management" click on "Disk Management".
  4. If this is the first time the hard drive has been formatted, Windows® Me/2000/XP will start the wizard for digital signatures. Click "Next".
  5. All recently connected drives will be displayed. Click on the checkmark beside the new drive and click "Next".
  6. Click on "Finish" to exit the wizard.
  7. In the open Disk Management window, a new drive is displayed. Right click on available memory and select "Create partition..."
  8. This opens the wizard for creating a partition. Click on "Next".
  9. Select "Primary partition" and click on "Next".
  10. Enter the size of the partition. Click on "Next".
  11. Select "Assign drive letter" and then the letter you want to use for the drive. Click
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- on "Next".
12. Select "Format this partition..." and then select a file system: "FAT 32" or "NTFS"
  13. Click on "Next".
  14. Click on "Finish".
  15. The disk management creates the partition and starts formatting the hard disk.  
When formatting is complete, the new drive is ready to use.

### **4.3 Formatting and partitioning under Mac OS 10.x**

Connect the drive to your Mac system and follow the instructions on the screen. If this doesn't work, proceed as described below.

Caution! By proceeding with the steps below, all data is erased from the hard drive. Save important data first and proceed with the following instructions afterwards:

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1. Connect the drive to the USB 2.0 port of the computer.
  2. If the drive is loaded onto the desktop, select the "Go to" menu in the menu bar.
  3. In the "Go to" menu, select the "Programs" option.
  4. In the "Programs" menu, select the "Utilities" folder and double click on "Hard disk utility".
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#### **Partitioning:**

5. The "Hard disk utility" window is opened. The available hard disks are listed on the left of the window. A volume should appear for your internal hard drive and another one with the name Datalux.
6. Select the Datalux drive and click on the "Partition" tab.
7. In the "Volume partition" option, select the number of partitions you require by

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- clicking on the “Current” pull-down menu. Under Mac OS 10.x, the hard disk can be sub-divided into up to eight partitions. You can determine the size of the partitions via the setting scale.
8. Define a name for the different partitions in the “Volume information” area. Then define the volume format (Mac OS Extended, Mac OS Standard or UNIX File System) and the volume size.

*Important note:*

Apple generally recommends the Mac OS Extended format since this is the most suitable format for Macintosh users.

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9. In the “Options” section, click on “Install Mac OS 9 hard disk driver” if the drive is to be used under both Mac OS 9.x and Mac OS 10.x.
  10. When all necessary data has been defined, click on “OK”. The following message is then displayed:  
“Caution! When saving the new volume, all existing volumes are erased. This step CANNOT be undone. Are you sure you want to perform this step?” Click on “Partition” to continue.
  11. Under Mac OS 10.x, the hard disk is automatically configured with the selected partitions and volume format.
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## 5. File system formats

There are essentially three file system formats:  
FAT 32, NTFS and Mac OS Extended (HFS+).

We recommend using FAT32 for the following operating systems:

- Mac OS 9.x or 10.x or under Windows® 98/98 SE, Me, 2000 and XP. If you want to use the hard disk for both Mac and Windows® systems, you have to use the FAT32 format.

We recommend using NTFS for the following operating systems:

- Windows® 2000 or XP;

We recommend using HFS+ for the following operating systems:

- Mac OS

### Description of the different file systems:

#### FAT32

FAT stands for “File Allocation Table” and contains the positions of all files and directories on hard disks, diskettes and CD-ROMs. FAT32 is a file system that is compatible with Windows® 98/98 SE/Me/2000/XP, but has certain limitations. Under Windows® XP, you can create volumes with a maximum size of only 32 GB. If you attempt to format a FAT32 partition of more than 32 GB, the process fails and the following error message is displayed: “Management of logical drive: volume too large.”

Windows® XP can however manage partitions of less than 32 GB.

## **NTFS**

NTFS stands for “New Technology Filing System”, which was introduced with Windows® NT and also supports Windows® 2000 and Windows® XP.

NTFS supports long file names, extended file attributes and very large storage capacities of up to 2 TB. Partitions created in NTFS format can only be directly accessed with Windows® NT, Windows® 2000 and Windows® XP.

NTFS is particularly useful for optimising drive performance under Windows® 2000 and XP, or for encrypting data, setting up access rights and creating partitions of more than 32 GB.

## **HFS - Mac OS Standard**

The HFS file system was used by Mac OS 8.0 and earlier versions. We recommend using this system only if you want to create a volume of less than 32 GB and are using a 680X0 processor.

## **HFS+ - Mac OS Extended**

Mac OS Extended describes the system used by Mac OS 8.1 and later versions. HFS+ uses the hard disk memory better than the older HFS system.

## **6. Disconnection of USB 2.0 devices**

Plug & Play allows you to connect or disconnect the drive while the PC is running. Under Windows® 98/98SE/2000/XP, it is advisable to “de-register” the drive before disconnecting it. To do this, select the eject symbol at bottom right in the taskbar (green arrow above drive symbol) and select from the list the drive to be disconnected.

## 7. Troubleshooting

The drive is not recognised.

- a) Check that the drive is switched on.
- b) Check that the drive is displayed as a symbol in “My Computer”. If this is not the case, select Start / Settings / System / Device Manager / USB controllers and click on the plus sign next to the device.
- c) Make sure all cables are properly connected.
- d) Check that the USB drivers are properly installed and activated and that there are no conflicts with other devices.

### Error messages under Mac OS 10.x.

The drive operates slowly.

Is the file system supported by your operating system?

- a) Check whether your system meets the system requirements.
- b) If other USB devices are attached to the same port, this could affect the performance of the drive.

Note: The speed of 480 Mbit/s of USB 2.0 can only be used if the device is connected to a USB 2.0 port.

Only use USB cables with a length of less than 5 metres. Longer cables can cause problems with peripheral devices.

### **Guarantee**

We guarantee this product in respect of workmanship and all built-in components for a period of two years from date of purchase.

### **Should you need help...**

Should you have any technical problems, please contact our support team:  
04287 125 133.

The support area of the Datalux website at [www.datalux.de](http://www.datalux.de) provides detailed instructions on formatting and partitioning of external hard drives with a full troubleshooting section.



**HOTLINE**  
☎ 04287 125 133

