



Kanguru FlashBlu II User Guide

NOTICES AND INFORMATION

Please be aware of the following points before using your Kanguru FlashBlu II

Copyright © 2014 Kanguru Solutions. All rights reserved.

Windows XP®, Windows Vista™, and Windows 7™ are registered trademarks of Microsoft Inc. All other brands or product names are trademarks of their respective companies or organizations.

Kanguru Solutions will not be held responsible for any illegal use of this product nor any losses incurred while using this product. The user himself is responsible for the copyright laws, and is fully responsible for any illegal actions taken.

Customer Service

To obtain service or technical support for your system, please contact Kanguru Solutions Technical Support Department at 508-376-4245, or visit www.Kanguru.com for web support.

Legal notice

In no event shall Kanguru Solutions' liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential software, or its documentation. Kanguru Solutions offers no refunds for its products. Kanguru Solutions makes no warranty or representation, expressed, implied, or statutory, with respect to its products or the contents or use of this documentation and all accompanying software, and specifically disclaims its quality, performance, merchantability, or fitness for any particular purpose. Kanguru Solutions reserves the right to revise or update its products, software, or documentation without obligation to notify any individual or entity.

Export Law Compliance

Regardless of any disclosure made to Kanguru Solutions pertaining to the ultimate destination of the specific Kanguru product, you warrant that you will not export, directly or indirectly, any Kanguru product without first obtaining the approval of Kanguru Solutions and the appropriate export license from the Department of Commerce or other agency of the United States Government. Kanguru Solutions has a wide range of products and each product family has different license requirements relative to exports.

Table of Contents

Notices and Information.....	2
1. Introduction.....	4
1.1 Main Features.....	4
1.2 Package Contents.....	4
1.3 General Specifications	5
1.4 Minimum Hardware Requirements.....	5
2. Windows Operation	6
3. Mac Operation	8
4. Frequently Asked Questions	9
5. Cleaning and Maintenance	10
6. Warranty.....	11
7. Tech Support.....	11

1. Introduction

Congratulations on your purchase of a Kanguru FlashBlu II. The Kanguru FlashBlu II acts just like a removable hard drive. Its small form factor, large capacities and fast transfer rates make it a suitable replacement for your external hard drive. It provides an easy way to transport your data from one place to another. You can store any type of file on it and share them with your friends or co-workers. You can even run applications and play multimedia files directly from the device. With large storage capacity and the fast transfer speed of USB 2.0 Hi-Speed, the Kanguru FlashBlu II can tackle big projects involving huge amounts of data. These features make this Kanguru FlashBlu II an ideal solution to your business and personal data storage needs.

The Kanguru FlashBlu II uses Solid State technology to provide durability, shock resistance, low power consumption and long lasting data retention. Its USB 2.0 interface provides easy plug and play connectivity to your desktop or notebook computer. The drive can be plugged into almost any system without having to install any drivers first. In Windows 2000, XP, 2003, Vista or 7 you do not need to install any drivers at all, the FlashBlu II uses the built-in Microsoft driver.

The Kanguru FlashBlu II comes with the Carry It Easy software suite. More details on Carry It Easy can be found in the Carry It Easy Manual found on the manual CD.

1.1 Main Features

- √ Carry It Easy Software Suite
- √ Capacities up to 128GB
- √ Rugged and lightweight design for easy portability
- √ USB 2.0 Hi-Speed
- √ Easy Windows plug and play, supports hot plugging
- √ USB Mass Storage Device class compatible
- √ Write protect switch
- √ Bus-powered, no external power needed
- √ Solid State Flash memory with 10 years (typical) data retention
- √ Durable and shock resistant means longer life for your data

1.2 Package Contents

Please check the contents of the package you received. If any of the parts listed below are missing, please contact Kanguru Solutions (508-376-4245) and you will be shipped replacement parts immediately.

- 1 x Kanguru FlashBlu II
- 1 x Manual CD

Caution! The through-hole at the bottom of the drive is designed for use with the provided lanyard only.

1.3 General Specifications

Model #	ALK Series
Capacity	2GB, 4GB, 8GB, 16GB, 32GB, 64GB, 128GB
Color	Blue
Case Material	Aluminum
Memory Type	NAND Flash
Interface	USB 2.0 (backwards compatible with USB1.1)
Data Transfer Rates	Read: 20 - 30 MB/s Write: 15 - 20 MB/s
OS Compatibility	Microsoft Windows XP SP2* / 2003 / Vista / 7 / 8 Mac OS 9.0 or higher, Mac OS X 10.1.5 or higher Linux kernel 2.4.1 and above (must be mounted) Note: Carry It Easy is compatible with Windows only.
# of Read / Writes	1,000,000
Insertion Endurance	5000 cycles (min)
Data Retention	10 years (typical)
Certification	FCC / CE
Operation Temperature	0°C ~ 50°C
Operation Humidity	10% ~ 70%
Storage Temperature	-40°C ~ 65°C
Storage Humidity	20% ~ 90%
Dimensions (W x D x H)	64 x 18.5 x 9 mm
Weight	13g (.03 lbs.)

** In line with Microsoft's End-of-Support announcement for Windows XP, Kanguru Solutions is ending support for the Windows XP platform. While our products have been quality tested internally on Windows XP, we cannot guarantee normal product operation on an unsupported OS.*

1.4 Minimum Hardware Requirements

- Pentium II 133MHz Processor or faster
- 64MB System RAM or higher
- Available USB 2.0 or USB 1.1 port

2. Windows Operation

Before plugging in the drive, make sure that your computer has a USB Hi-Speed port available to take full advantage of USB 2.0 speed. Check with the manufacturer for software updates. It is also important to update Windows at <http://windowsupdate.microsoft.com> to make sure that your computer has the latest driver for USB 2.0 Hi-Speed Host Controller.

Note: To setup the Carry it Easy suite, please refer to the Carry It Easy manual.

Using the Kanguru FlashBlu II with Windows

To begin using the Kanguru FlashBlu II for the first time:

1. Start up your computer and boot into Windows.
2. Plug the Kanguru FlashBlu II into a USB 2.0 Hi-Speed port. Normally your machine will be ready to install new hardware. However, if you are unable to install new hardware, you might not have Administrator privileges. Please check with your computer manufacturer or your computer administrator for advice on how to install a new hardware device.

Note: Although you can connect the Kanguru FlashBlu II to a USB 1.1 port, for optimum usability and compatibility, make sure that you have the latest driver for your USB 2.0 Hi-Speed ports.

3. Windows will automatically start searching and installing the necessary drivers.
4. After the installation has completed, the drive will appear under My Computer as a Device with Removable Storage.

Congratulations! Your Kanguru FlashBlu II is ready to use. You can now begin transferring files to and from your portable flash drive. There is a write protect switch on the side of the device. Slide the switch to the locked position if you need to protect your data from being overwritten.



If you are having issues getting your Kanguru FlashBlu II installed on your computer, please refer to the Frequently Asked Questions section starting on page 9.

Formatting the Kanguru FlashBlu II

The Kanguru FlashBlu II is preformatted with FAT32 file system. FAT32 is compatible with both PCs and Macintosh computers. The drive can also support NTFS formatting.

Warning! Formatting your drive will erase all your data stored on the drive! Be sure to back up any important files before formatting.

If you want to reformat the drive:

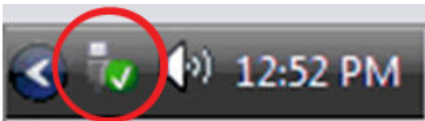
1. Double-Click on My Computer
2. Right-Click on the drive you want to format
3. Choose Format from the menu
4. Choose the file system you want to format it with
5. Enter a Volume Label (optional)
6. Click Start

Removing the Kanguru FlashBlu II

Before attempting to remove the FlashBlu II, make sure that no data is being transferred to or from the device. The easiest way to determine that no data is being transferred to or from the device is to check that the LED indicator on the back of the FlashBlu II is not blinking.

Be sure to follow these safe removal procedures. Failure to do so may result in data corruption.

1. Click on the **Safely Remove Hardware icon** in the taskbar.



2. Select the **FlashBlu II** from the popup menu.
3. A message will appear informing you that it is safe to remove the device.

If you receive a message that the device cannot be removed, close any programs or windows that may be accessing the device and then try to safely remove it again. Make sure that your device is safely removed from your computer system before disconnecting it. Be sure to follow safe removal procedures to avoid losing data or crashing your operating system.

3. Mac Operation

At present only Mac OS X supports USB 2.0. Mac OS 9 only supports USB 1.1. Without the right hardware and software driver, you will not be able to use the Kanguru FlashBlu II at its fullest speed.

Using the Kanguru FlashBlu II with Mac

To begin using the Kanguru FlashBlu II for the first time:

1. Start up the computer.
2. Plug the Kanguru FlashBlu II into a USB 2.0 Hi-Speed port.

Note: You will be able to use the device at the highest speed only if you connect the device to a USB 2.0 port. Mac OS X comes with a Built-in USB Mass Storage driver. If you plug the FlashBlu II into a USB 1.1 port, it will not perform at the fastest possible speed.

3. The FlashBlu II will appear on the desktop.

Congratulations! Your Kanguru FlashBlu II is ready to use. You can now begin transferring files to and from your portable flash drive. There is a write protect switch on the side of the device. Slide the switch to the locked position if you need to protect your data from being overwritten.



If you are having issues getting your Kanguru FlashBlu II installed on your computer, please refer to the Frequently Asked Questions section starting on page 9.

Removing the Kanguru FlashBlu II

Before attempting to remove the FlashBlu II, make sure that no data is being transferred to or from the device. The easiest way to determine that no data is being transferred to or from the device is to check that the LED indicator on the back of the FlashBlu II is not blinking.

Be sure to follow these safe removal procedures. Failure to do so may result in data corruption. To remove the FlashBlu II, click and drag the FlashBlu II icon on the desktop to the trash to unmount it. When the FlashBlu II icon disappears from the desktop you can safely disconnect the drive from your computer.

4. Frequently Asked Questions

Q1: What is USB 2.0 Hi-Speed?

USB 2.0 features transfer rates of up to 480Mbps/sec, a dramatic increase of 40 times over the speed of USB 1.1. USB 2.0 Hi-Speed preserves the USB 1.1 ease of use, plug and play, driver auto installation and power management features. USB Hi-Speed is fully forward and backward compatible with USB 1.1 allowing the use of USB 1.1 devices and cables with USB 2.0 host controllers.

Q2: Why do I get less drive capacity than reported on the package?

Your drive's reported capacity will always be less than the capacity mentioned on the package. The accepted drive industry standard reporting capacity uses 1000 bytes per 1KB, i.e. 10GB = 10,000,000,000 bytes. However, operating systems use 1024 bytes per 1KB, i.e. 10,000,000,000 bytes = 9.5GB. So, your operating system will always report the capacity in GB to be less than the drive rated capacity. Also, some capacity is used up for overhead.

Q3: Can I plug in USB Hi-Speed Drive into USB 1.1 ports?

Yes. However, it will only run at the maximum speed of USB 1.1.

Q4: Can I use USB Hi-Speed Device at the same time with USB 1.1 devices?

Yes. USB Hi-Speed devices can coexist with USB 1.1 devices.

Q5: Can I use this device with OS 9 & OS X?

Yes. You must make sure you have a USB 2.0 card installed and driver loaded, so that you can take advantage of USB 2.0 speed.

Q6: Should I update my driver?

Yes, it is a good idea to always keep your drivers up to date. It is a good idea to check Microsoft's Windows Update website at <http://windowsupdate.microsoft.com> or Apple's website at <http://www.apple.com/support> for USB driver updates.

Q7: The device cannot be detected or is disabled (have yellow exclamation point next to the device name under the USB section in the Device Manager). What can I do?

Please make sure you are logged in as the Administrator or a user with Administrator privileges in Windows in order to install new hardware and driver. Unplug the drive and then plug it back into the system. If you still see the yellow exclamation mark, first click on the device with the yellow exclamation point next to it to select it. Click on the **Action** menu at the top and choose **Uninstall**. Then click on **Action** menu and choose **Scan for hardware changes** to reload driver. Also please try upgrading your USB 2.0 PCI card or motherboard USB drivers.

Q8: Why does Windows keep asking for a driver when I plug the drive into a different USB slot or when I plug it through a USB HUB?

Windows keeps track of your hardware device IDs and capabilities in the registry. Every time you change a device or slot, Windows goes through the installation step again. Please go back to look at the installation instructions.

Q9: What file system is the FlashBlu II formatted in?

FlashBlu II uses FAT32 format. It is compatible for use with both PCs and Macintosh computers. FAT32 is compatible with Windows 98SE/ME/2000/XP/2003/Vista/7 and Macintosh.

Q10: Can I format the FlashBlu II in HFS format?

Yes. However, it is better to leave the FlashBlu II's file system as FAT32 for the best compatibility.

Q11: The FlashBlu II's drive icon does not show up. What can I do?

Try unplugging the FlashBlu II from the system and plugging it in again. Also please upgrade your USB 2.0 PCI card or CardBus driver.

Q12: Can I use the Carry It Easy software suite in Macintosh or Linux?

No. Carry It Easy is only compatible with Windows. It will not work with Mac or Linux.

Q13: After following all the troubleshooting tips, the device still does not work. What can I do?

Please check with your computer or motherboard manufacturer for any USB driver fix. Certain USB chipsets have known compatibility issues; please check with them for any updates. Also, please go to Windows Update to check for any update to the Microsoft USB driver. You might also want to update your Bios to the latest version. Please contact your motherboard's manufacturer for help with that. If you still have problem you cannot resolve, please contact Kanguru Technical Support at 1-508-376-4245, option 2.

5. Cleaning and Maintenance

- This drive is an electronic device. It needs careful handling and use.
- Keep the drive free from dust and other contaminants.
- Keep liquid and moisture away from the drive.
- Clean the exterior by wiping it with a soft dry cloth. Cleaning agents can damage the surface of your drive.
- Do not drop the drive. You may damage the internal components.
- Do not try to open the drive to repair it yourself. There are no serviceable parts inside. You might be exposed to dangerous voltage. You will also break the seal and void the warranty.

6. WARRANTY

Kanguru Solutions guarantees that every Kanguru FlashBlu II will be free from defects in workmanship and materials for 3 years from the date of purchase. This warranty does not apply if, in the judgment of Kanguru Solutions, the product fails due to damage from handling, accident, abuse, misuse, or if it has been used in a manner not conforming to the product's instructions, has been modified in any way, or the warranty labels have been removed. If the product proves defective during this warranty period, call Kanguru Solutions Technical Support in order to obtain a Return Material Authorization required for service. When returning a product, mark the RMA number clearly on the outside of the package, and include a copy of your original proof of purchase. In no event shall Kanguru Solutions' liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential software, or its documentation. Kanguru Solutions offers no refunds for its products after 30 days of purchase. Kanguru Solutions makes no warranty or representation, expressed, implied, or statutory, with respect to its products or the contents or use of this documentation and all accompanying software, and specifically disclaims its quality, performance, merchantability, or fitness for any particular purpose. Kanguru Solutions reserves the right to revise or update its products, software, or documentation without obligation to notify any individual or entity.

7. TECH SUPPORT

If you experience any problems installing your Kanguru product or have any technical questions regarding any of our products, please call our tech support department. Our tech support is free and available Monday thru Friday, 9am to 5pm EST.

Call 1-508-376-4245

Or visit our website at www.Kanguru.com



Kanguru Solutions
1360 Main Street
Millis, MA 02054
www.kanguru.com

05.23.14 V1.4 © 2014 Kanguru Solutions

Legal terms and conditions available at www.kanguru.com. Please review and agree before use. Thank you.