

A white silhouette of a kangaroo is positioned on the left side of the page, set against a black vertical bar. The kangaroo is shown in a standing posture, facing left, with its tail extending downwards.

Kanguru Media X-change

Users Guide

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Tech Support: 1-508-663-0105

KanguruMediaX-change™

USER'S MANUAL



FCC COMPLIANCE STATEMENTS

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, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to 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 Distance 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.

TRADEMARKS

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Macintosh and Mac are trademarks of Apple Computer

*All of the third-party brands and names are the property of their respective owners.

Table of Contents:

1. Introduction:.....	2
2. Features	2
Accessories:.....	3
3. Specifications:.....	3
4. System Requirements.....	3
Hardware:	3
Operating system:.....	4
6.) Driver Installation:.....	5
Windows 98/98 SE, Win2000 Driver Installation	5
7.) Using the KanguruMedia X-change.....	5
8.) Recharging the Battery Pack:	6
9.) General Information	6
10.) FAQ-Frequently Asked Questions	6
Warranty:	8
Tech Support.....	9
Call 1-508-663-0105 or.....	9

1. Introduction:

The Kanguru Media X-change is a unique portable hard drive/card reader capable of downloading and storing data from any media card! Simply fill up your media cards, then download the data to the Media X-change with the press of a button and re-use the card!

Use it with your PDA, Digital Camera or any other device that utilizes media cards! The Kanguru Media X-change also doubles as a lightweight portable hard drive capable of storing large amounts of data.

A rechargeable battery pack and small, lightweight design make the Kanguru Media X-change extremely portable. Use it on the road, then at the end of your trip, plug the Media X-change into an available USB port and download everything to your computer! It's fast, easy and convenient.

2. Features

- Supports Compact Flash, Smart Media, Secure Digital, Multimedia Card, IBM Micro Drive, Sony Memory Stick
- Doubles as a portable hard drive
- Lightweight, compact design for maximum portability
- Stand-alone palm-sized rechargeable storage device. No PC required.
- Able to copy the data from memory card(s) into the internal hard drive
- Able to create up to 999 folders.
- Supports power saving mode to reduce power consumption.

Accessories:

- USB cable
- AC/DC Adapter 100-240V auto-switched
- Carry case
- Driver / User's Guide CD

3. Specifications:**Technical Specifications**

Model	20GB	30GB	40GB
Part #	KMX-20	KMX-30	KMX-40
Supported Media	Compact Flash, Smart Media, Secure Digital, Multimedia Card, IBM Micro Drive, Sony Memory Stick	Compact Flash, Smart Media, Secure Digital, Multimedia Card, IBM Micro Drive, Sony Memory Stick	Compact Flash, Smart Media, Secure Digital, Multimedia Card, IBM Micro Drive, Sony Memory Stick
Battery Life	2 - 3 hrs	2 - 3 hrs	2 - 3 hrs
Interface	USB1.1	USB1.1	USB1.1
Download Speed (Card to Drive)	3.84MB per second	3.84MB per second	3.84MB per second
Transfer Speed (Drive to PC)	40 - 60MB per minute	40 - 60MB per minute	40 - 60MB per minute
Dimensions (LxWxH)	5" x 3" x 1"	5" x 3" x 1"	5" x 3" x 1"
Weight	1/2 lb	1/2 lb	1/2 lb
Warranty	3 Year Limited	3 Year Limited	3 Year Limited

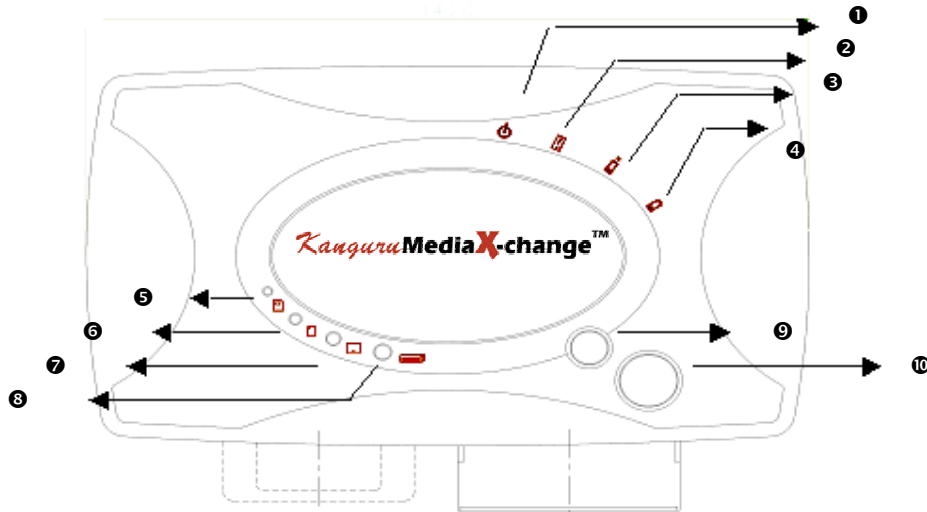
4. System Requirements**Hardware:**

Notebook or desktop computer with USB or USB2.0 port supported.

Operating system:

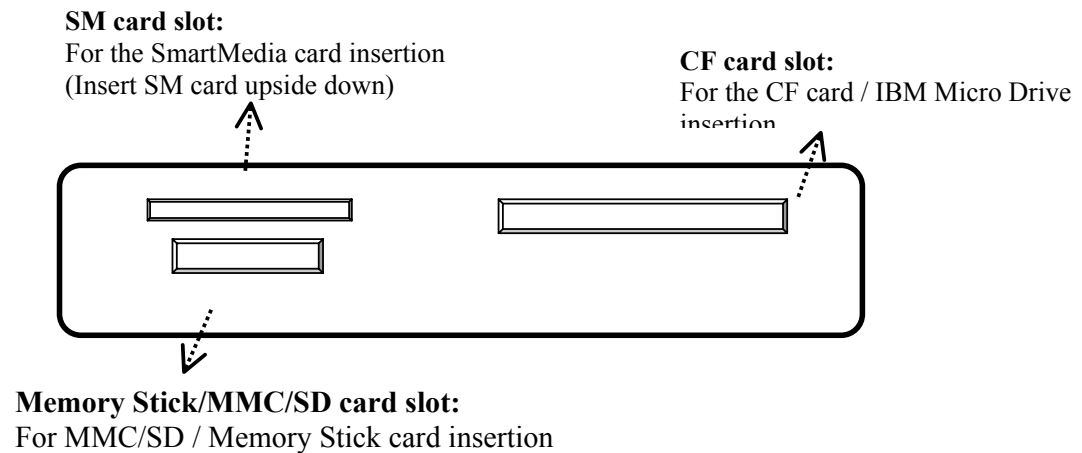
- Windows 98/98SE/2000 with drivers.
- Windows ME, and Windows XP without driver.
- Mac OS 8.6 ~ 9.0 with driver; Mac OS 10.1 above without driver
- Linux kernel version 2.4 or above without driver.

5. General Functions:



<i>LED Indicator /Button</i>	<i>File transfer status</i>
①	Power on
②	Error
③	Recharging
④	Low batteries
⑤	SmartMedia (SM)
⑥	Memory Stick (MS) /Secure Digital Card (SD) / MultiMedia Card (MMC)
⑦	Compact Flash Card type I/type II (CF) / IBM MicroDrive
⑧	Internal Hard Disk
⑨	Power on / off
⑩	Copy key

Front Panel:



6.) Driver Installation:

*****Drivers only required for Win98/98SE/2000 and Mac*****

Windows 98/98 SE, Win2000 Driver Installation

- (1) Insert the Drivers disk into your CD-ROM drive and double click the icon of CD-ROM drive in "My computer" then find the KanguruMedia X-change driver folder.
- (2) Execute "Setup.exe" by double clicking the icon. This will install the required drivers onto your system. Follow the instructions to complete the installation.
- (3) After the driver files was copied to your Windows operating system, please restart the computer to complete the installation process.
- (4) And you will find " Removeable Disk" drives detected by the operating system.
- (5) For "Windows ME ", the operating system will detect and recognize the "Removeable Disk " by using the system's USB driver.

7.) Using the KanguruMedia X-change.

- Downloading digital images or data from memory cards to KanguruMedia X-change
 - 1.) Insert memory card(s) into the appropriate card slot .
 - 2.) Power on the KanguruMedia X-change and press the "File Copy" button to begin the file transfer.
 - 3.) The file transfer has finished once the LED indicators have stopped flashing.
- Downloading the digital images or data from *KanguruMedia X-change* to PC
 - 1.) Connect KanguruMedia X-change to your PC with the provided USB cable.
 - 2.) Double Click the "My computer" icon. The operating system will display 4 "Removeable Disk" icons, identifying the media types correspondingly.
 - 3.) You can then read, write, copy, delete, and remove data using the PC.

8.) Recharging the Battery Pack:

- Charge for a full 8 hours before using for the first time.
- The batteries need to be recharged when the LED indicator for power is red. When the power LED is flashing you should recharge soon.
- To charge the batteries, connect the plug of the AC adapter to DC 12V jack on the Kanguru Media X-change. When the power LED light is no longer light up, it indicates the batteries are fully charged.
- Charge batteries for a full 8 hours for the first charge, and 4 hours each additional charge.
- The battery life is approximately 2.5 hours of usage.

9.) General Information

- All files transfered from each memory card are stored on the Hard Disk in numerical folders, under the name "CF0001", "MS0001", "SM0001", and "SD0001".
- The KanguruMedia X-change has an auto power off function to preserve battery life. If your KanguruMedia X-change is idle it will automatically turn off.
- When the LED indicators of error and a memory card light up, there may be a chance of corrupt data or the memory card may be damaged.
- If any shut down is caused by an erroneous operation, you can press the reset button located on the side of the KanguruMedia X-change.

WARNING: TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN, LIQUIDS, OR MOISTURE.

10.) FAQ-Frequently Asked Questions

Q1: Can KanguruMedia X-change support Linux Kernel version 2.3 or earlier?

A1: No, the *KanguruMedia X-change* only support Linux Kernel version 2.4.0 or later.

Q2: Linux 2.4 does not automatically recognize my *KanguruMedia X-change*?

A1: Linux uses a so-called " USB Manager" , which automatically loads kernel modules (drivers) for USB devices . It loads only drivers for devices that are present on the USB bus to reduce memory usage . Per default, the USB Manager does not come with KanguruMedia X-change pre -configured . However , you can easily configure the USB Manager to automatically recognize the KanguruMedia X-change yourself .Just add the following to the configuration file, usbmgr.conf(usually in /etc/usbmgr):
vendor 0xd7d product 0x100 module scsi_mod, usb-storage
This line identifies the KanguruMedia X-change and tells the USB Manager to load the SCSI as well as the USB storage module. The SCSI module is needed in order to talk to both SCSI and USB Storage devices, while the USB-storage module is needed to talk to USB storage devices. So do not forget to either reload the USB Manager's configuration or to restart the USB Manager (for instance , do as root :/etc/init.d/usbmgr reload)

Q3: What operating systems can the KanguruMedia X-change operate on?

A3: The KanguruMedia X-change can be operated on any of the following OS : Windows 98, Windows 98SE, Windows ME, Windows 2000, Windows XP, Mac 8.6 or above and Linux 2.4.0 or above.

Q4: My computer cannot detect the KanguruMedia X-change .What should I do?

A4: If you are using Windows98/ Windows ME / Windows 2000 / Windows XP , make sure the USB function is enable in the BIOS , and Windows has detected the USB port successfully , if the O/S is Windows 98/ 98SE/2000 ,then install the KanguruMedia X-change driver.

If you still have problems setting up the KanguruMedia X-change, please contact tech support.

Q5: What kind of data can be stored on the KanguruMedia X-change?

A5: You can save any type of files on the KanguruMedia X-change, whether it is text, graphics, programs, audio, or multimedia files.

Q6: Can a virus infect the KanguruMedia X-change? How can I prevent it?

A6: Yes , the KanguruMedia X-change is just like your hard drive , it can get a virus via any files that you save onto it . Therefore anti-virus software is recommended .

Q7: Do I need to turn my computer off when installing the KanguruMedia X-change?

A7: No, the KanguruMedia X-change is a hot plug and play device . You can install the KanguruMedia X-change at anytime

Q8: Can the KanguruMedia X-change work on earlier PC's?

A8: Yes, as long as it has a USB interface available , and drive has been set up properly. Also the operating system must support USB devices.

Q9: When the light on the KanguruMedia X-change is flashing , what does that mean?

A9: When the light is flashing, it means the KanguruMedia X-change is in use and data transfer is taking place between the KanguruMedia X-change and host machine.

Q10: Is it safe to remove the KanguruMedia X-change while files are being transferred?

A10: No , when the light is flashing it means data transfer is taking place. Do NOT remove the KanguruMedia X-change, as it may result in loss of data, or even damage the KanguruMedia X-change.

Q11: What personal computers does the KanguruMedia X-change support?

A11: KanguruMedia X-change supports all PCs, that have USB port connections and run under the operating systems that the KanguruMedia X-change supports .

Q12: Can the data on the KanguruMedia X-change be shared in a networking environment?

A12: Yes, the data can be shared in a networking environment as long as the host machine enables the share function for the KanguruMedia X-change. (Just like sharing your Hard Drive)

Q13: Why my KanguruMedia X-change read my SmartMedia card?

A13: You may have inserted the Smart Media card incorrectly. Make sure that you have inserted the card with the underside facing up.

Q14: Can the KanguruMedia X-change be formatted? How?

A14: Yes, the KanguruMedia X-change can be formatted under Windows 98, Windows ME, Windows 2000, Windows Xp, Mac, and Linux with using normal formatting function .

Q15: Can the KanguruMedia X-change be used under DOS environment?

A15: No, the KanguruMedia X-change cannot be used under DOS environment because DOS does not support USB devices.

Q16: What operating systems will the KanguruMedia X-change NOT support?

A16: The KanguruMedia X-change will not support Windows 95 or Windows NT , since both of these operating systems do not support USB devices.

Q17: Can other programs be running at the same time while using the KanguruMedia X-change?

A17: Yes, other programs/ applications can be running at the same time as KanguruMedia X-change.

Q18: Can ScanDisk be used with the KanguruMedia X-change?

A18: Yes, ScanDisk can be used with the KanguruMedia X-change.

Q19: What should I do if the KanguruMedia X-change icon does not appear / disappear on the screen after inserting /extracting?

A19: Simply click the "view" menu and select "Refresh."

Q20: Can the KanguruMedia X-change be used as a card reader without transferring the data to the hard drive.

A20: Yes, your KanguruMedia X-change will operate as a card reader/writer when it's connected to your computer.

Warranty:

This product carries a *3-year limited warranty from the date of purchase.

* 3-year warranty on the internal hard drive, 1-year warranty on the components. Including 90 days labor.

Tech Support

If you experience any problems installing your KanguruMedia X-change 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 1-508-663-0105 or

Visit our website at www.interactivemediacorp.com