

MediaXchange Pro™
USB2.0 Hard Drive Card Reader

USER'S GUIDE



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FCC Certifications

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 technician for help.

Please be aware of the following points before using the Kanguru Media X-Change Pro.

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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.

LIMITED WARRANTY

Kanguru Solutions guarantees that every Kanguru Media X-Change Pro will be free from defects in workmanship and materials for 1 year 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 anyway, 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 RMA 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.

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1. Introduction

Thank you for purchasing the *Kanguru Media X-Change Pro* from Kanguru Solutions.

The Media X Change Pro is a portable digital storage device capable of downloading and storing data from most media cards without the use of a computer! Simply fill up your media card, then insert card into the Media X-change Pro and copy the data with the press of a button. You can use the verify function to ensure all of you photos and data have successfully transferred. Once finished, you can re-use the card over and over without ever connecting to a computer.

You can even playback your MP3 or WMA files, and even tune into FM stations! When connected to a PC or Mac, the Media X-change Pro doubles as a portable USB hard drive and as a multi format card reader! A rechargeable battery pack, custom carry case and small, lightweight design make the Media X-change Pro the perfect accessory for digital photography and mobile users.

Kanguru Media X-Change Pro Package Contents:

- 1 – Kanguru Media X-Change Pro.
- 1 – Carrying Case.
- 1 – Power Supply.
- 1 – USB 2.0 cable.
- 1 – Earphone.
- 1 – Driver and Manual CD.
- 1 – User registration form.

If any of the above items are missing, please call Kanguru Solutions’ Tech Support department at: (508) 376-4245, extension 2 and replacement parts will be shipped to you ASAP.

Features:

- Works with CF, SD, MMC, MS, MS Pro, IBM MicroDrive.
- Fast transfer speed; 1GB CF will take only 5 minutes
- Supports MP3 and WMA playback with ID3 tag display
- USB Input; supports transferring directly from USB devices.
- Built in FM tuner and recorder, 20 presets
- Blue back-lit LED screen
- Audio in for recording from any audio source
- Rechargeable battery; 7 hrs of MP3 playback, 2.5 Hrs for data transfer.
- Lightweight, compact design for maximum portability

- USB or USB 2.0 Connectivity
- Functions as a high speed hard drive & card reader
- Verify function to ensure a 100% accurate transfer
- 1 yr Warranty

Specifications:

General

Model Number	KMX-PRO1-30
Interface	USB 2.0
Capacities	30GB ¹
Supported Media	Compact Flash, Smart Media, Secure Digital, Multimedia Card, IBM Microdrive, Sony Memory Stick, Sony Memory Stick Pro
LCD	Dot Matrix LCD with blue LED Back light
OS Compatibility	- Windows 98 - Windows 98SE - Windows ME - Windows 2000 - Windows XP - Mac OS 8.6 and above

Audio

Formats Supported	MP3; Bit rate: 32kbps ~ 320 kbps, CBR, VBR WMA; Bit rate: 32Kbps ~ 320Kbps, CBR, VBR Audio CD
ID3	With ID3 Tag, can support multi-language
Equalizer	Jazz / POP /Normal /Classic /Rock /user-definable option
FM Tuner	Frequency Range: 87.5 ~ 108KHZ, 20 Presets
FM / Voice Recording	Voice recording from line-in or internal microphone
Signal-to-noise Ratio	90db

Size

Weight	0.5 lbs
Dimensions	4.7" x 2.6" x 0.9"

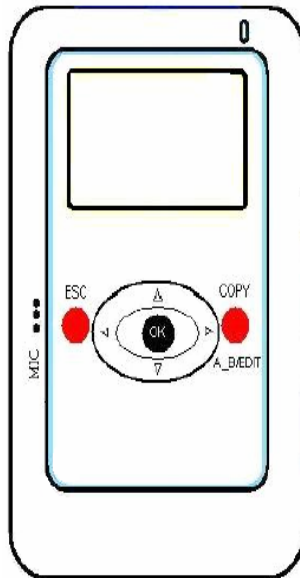
Power

Battery Type	Li-ion 3.7 V 1800 mAh battery Model: Fuji Film NP-60
Battery Life	7 hrs (Continuous MP3 Playback), 500 recharges (approximately)

Please note: the Kanguru Media X-Change will automatically shut down after 30 seconds of idle time.

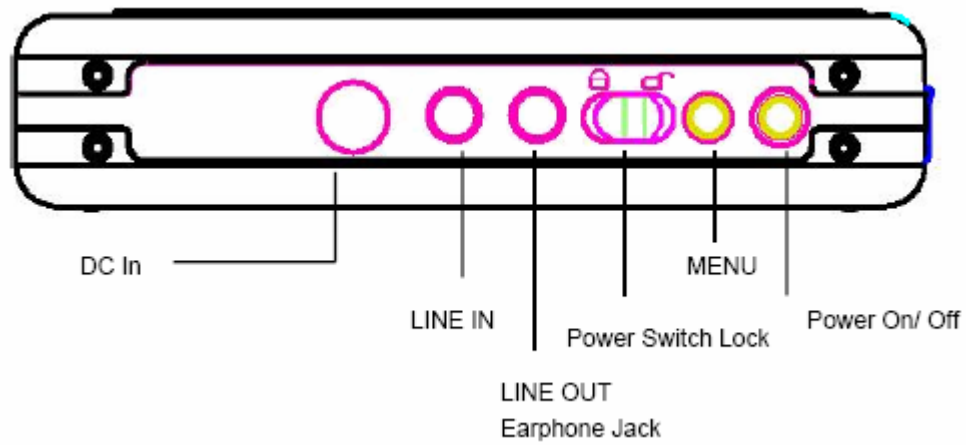
2. Product Description

Front View

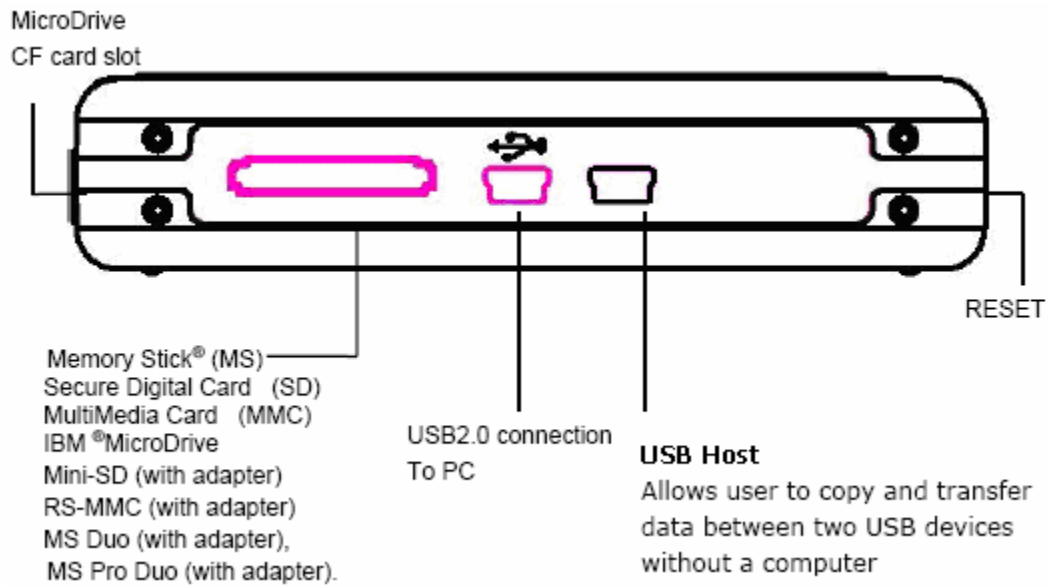


keypad	Function Description
OK	Enter : takes you to execute the current selection Pause: This function will effect under Music Playback Mode.
MENU	Play modes selection
◀	Direction button to move cursor on the screen Fast Backward :This function will effect under Music Playback Mode.
▶	Direction button to move cursor on the screen Fast Forward :This function will effect under Music Playback Mode.
▲	Direction button to move cursor on the screen Allows you to increase the volume
▼	Direction button to move cursor on the screen Allows you to decrease the volume
ESC	<ul style="list-style-type: none"> ● Takes you go back to previous mode ● Take you to select the disk
COPY	Allows you backup the files from memory cards automatically.
A_B	Allows you set a starting point and then press the "AB" button again to set the end point. The song will be played cyclically ☞ This function will effect under Music Playback Mode.
EDIT	Allows you paste , delete , cut the files ☞ This function will effect when you highlight any particular folders or files.

Side View 1



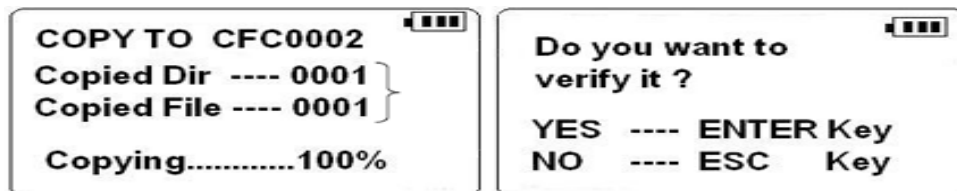
Side View 2



3. Transferring Data to Media X-Change Pro

Basic Operation

1. Connect the power cable to the back of the device and charge the battery for 4 hours before using.
2. Press and hold the power button for 2 seconds to turn on the device.
3. Insert a flash card into the appropriate card reader slot. The LCD will display an icon representing the type of flash card you have inserted.
4. Press the “COPY” button to begin copying your flash card to the internal hard drive.



5. A 100% message will indicate the transfer is complete. You will then be asked if you would like to verify the transfer. Press OK to verify, or Esc to skip this process.
6. The files have now been transferred from your flash card to the internal hard drive in the Kanguru Media X-Change. To view or transfer the file on a PC, you will need to connect it using the included USB2.0 cable. Please see the *Downloading Files to a PC* for detailed instructions.

Important Notes:

- The Kanguru Media X-Change Pro must be charged for 4 hours before using for the first time.
- Do not attempt to copy more than 1 flash card at a time to the Media X-Change Pro.
- All files transferred are stored onto the hard drive in folder numerically ordered. For example, your CF card will create the following folders; CFC0001, CFC0002, CFC0003, and so on. If you copy the same card twice, then you will create two separate folders.
- To stop a transfer, press and hold the ESC button. The LCD will display “COPY STOP” and you can press ESC again to return to the main screen.

4. Transferring from a USB Device

You can connect USB devices to your Media X-Change Pro using the include USB adapter. Please note that most, but not all digital cameras with a USB connection are supported. Please follow the instructions below to transfer from a USB flash device.

1. Plug the USB cable (short one) into the Media X-Change Pro.
2. Connect your USB peripheral to the Media X-Change as seen below.



3. Turn on your USB peripherals.
4. For some digital cameras, you need to change the setting of the “USB connection” to the “PTP” mode.
5. Turn on the Media X-Change Pro.
6. Press the COPY button to begin the transfer.

Single File Copy

1. Plug the USB cable (short one) into the Media X-Change Pro.
2. Connect your USB peripheral to the Media X-Change as seen below.



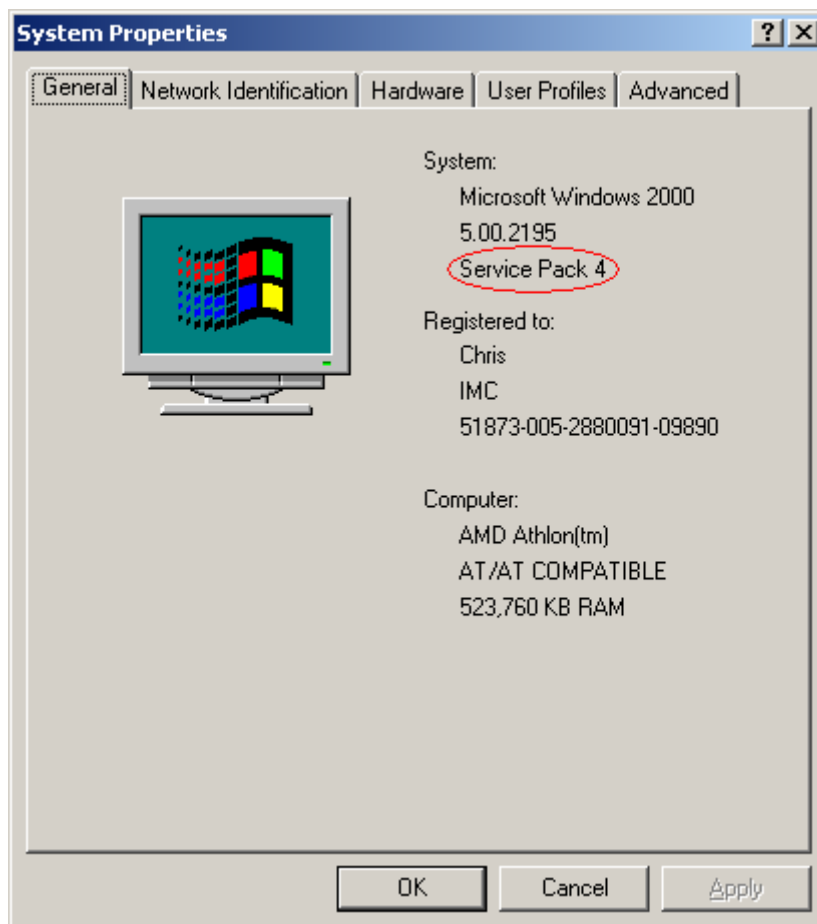
4. For some digital cameras, you need to change the setting of the “USB connection” to the “PTP” mode.
5. Connect two USB cables.
6. Turn on the Media X-Change Pro.
7. Press the ESC button to select the **UD** device and press the OK button.
8. Scroll to FILE function and press the OK button.
9. Use the up or down button to select a folder or a file you want to copy.
10. Press COPY button to open file manager.
11. Scroll to and press the OK button, copy function will be performed.

5. Connecting the Media X-Change Pro to your PC

IMPORTANCE NOTICE

Windows 2000 users: The Kanguru FCRW requires the latest USB2.0 drivers available in Service Pack 3 or above. If your Windows 2000 system is not updated to Service Pack 3 or above, then you can download the update from: <http://www.microsoft.com/windows2000/downloads/servicepacks/sp4/default.asp>

To identify what Service Pack your system is running, right click on “**My Computer**” and select “**Properties**”. Windows will display the Service Pack that you have installed.



Driver Installation

1. Depending on your operating system, you may need to install drivers before attaching your Kanguru Media X-Change to your PC.

Window Me, 2000, and XP:

Windows Me and Windows XP Home Edition and Professional Edition, Win2000 Professional SP 3 above users do not need to install any drivers. Windows will automatically detect your device and install the drives are seen below.



Window 98/98SE:

1. Insert the drivers CD into your CD-Rom and double click on My Computer.
2. Open your CD-Rom and run “setup.exe” to begin the driver installation. Press Next and follow the on-screen instructions.
3. Restart your computer after the installation is complete.
4. Under Windows 98 the removable drive icons look like this:



Mac OS 9.x:

1. Insert the drivers CD into your CD-Rom.
2. Browse the CD-Rom drive to “MacOS Installer”.
3. Follow the installation instructions to being installing the extensions.
4. Restart your computer after the installation is complete.

Important Notes:

- When connected to a PC, the Kanguru Media X-Change will have drive icons for both the internal hard drive and the card reader slots. Each of these drives can be accessed at anytime without any proprietary software.
- The Kanguru Media X-Change Pro can be charge via your USB cable. You must have the drive in the locked position to do so.

6. Downloading files to your PC

1. Install the drivers if they are required for your operating system.
2. Connect the power cable to the back of the device.
3. Press and hold the power button for 2 seconds to turn on the device.
4. Connect the included USB2.0 cable to the Kanguru Media X-Change Pro and then to your PC.
5. Your system should find the new hardware automatically.
6. You should now find 3 new drives available under “My Computer”.
7. To download files that you have transferred to the Media X-Change Pro you will need to locate the drive that represents the internal drive of the Media X-Change Pro.
8. Open the drive and copy the content to the location of your choice.






External Card Reader

You can also use the Media X-Change Pro as an external card reader. To do so, please follow these instructions.

1. Install the drivers if they are required for your operating system.
2. Connect the power cable to the back of the device.
3. Press and hold the power button for 2 seconds to turn on the device.
4. Connect the included USB2.0 cable to the Kanguru Media X-Change Pro and then to your PC.
5. Your system should find the new hardware automatically.
6. You should now find 2 “Removable Disk” drives available under “My Computer”.

7. File Manager

1. Turn on your Kanguru Media X-Change Pro.
2. Scroll to FILE icon and press OK.
3. Use the up and down buttons to select a folder or a file.
4. Press [Copy] button to open file manager.
5. Use the left and right buttons to select a File Manager function.

Item	Description
 Info.	Shows the last working result.
 Copy	Allows you copy select files or folder
 Paste	Allows you paste select file or folder
 Delete	Allows you delete select file or folder
 Cut	Allows you move select file or folder

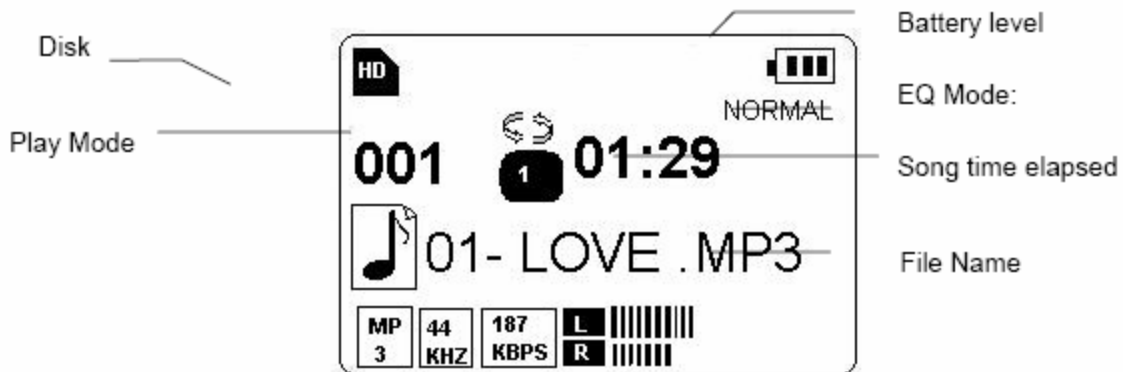
8. Playing MP3s

The Kanguru Media X-Change Pro supports playback of MP3 files located on either the internal hard drive or an inserted flash card. Please follow these instructions to playback MP3 files.

Playing

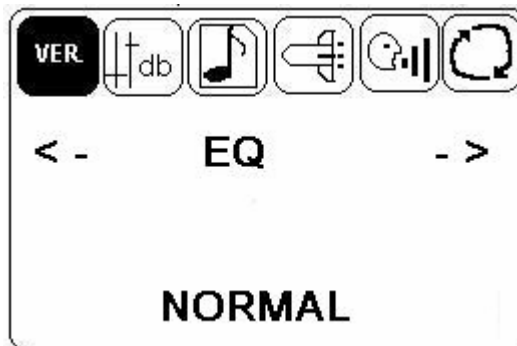
1. Scroll to FILE and press the OK button
2. Use the [▼] or [▲] buttons to locate a folder or a song you want to play
3. Use the [▼] or [▲] buttons to control the volume (32 levels of volume) while you listen.
4. Use the OK button to pause a song and then again to restart a song.
5. Press and hold the left button to rewind and find the specific part of music you want to play.
6. Press and hold the right button to fast forward and find the specific part of music you want to play.

The Display:



Adjusting the Equalizer

1. Press MENU button and scroll to the DB icon.
2. Use the up and down buttons to adjust the EQ setting. The Equalizer settings are JAZZ, ROCK, NORMAL, USER, POP, CLASSIC, USER – Define.



Setting Repeat Options

1. Press MENU button and scroll to the Repeat icon.
2. Use the up and down buttons to adjust the Repeat setting

Once – DIR : Play all tracks in the folder once
Repeat -DIR : Play all tracks in the folder repeatedly.
Once - File : Play single track once.
Repeat – File : Play single track repeatedly.



Speed Control Options

1. Press MENU button and scroll to the Speed icon.
2. Use the up and down buttons to adjust the Speed setting

Lyric Options

1. Press MENU button and scroll to the Lyric icon.
2. Use the up and down buttons to enable or disable the Lyrics option.

ID3 Tag Options

1. Press MENU button and scroll to the ID3 Tag icon.
2. Use the up and down buttons to enable or disable this function. Please note that the ID3 Tag function is disabled when the Lyric mode is enabled.

9. Playing the Radio

Configuring the Preset Channels

Auto tuning:

1. Scroll to Radio function and press the OK button.
2. Press and hold the left or right button for more than 0.5 seconds; then release the button and the Media X-Change Pro will begin to scan the available FM stations. The tuner will stop at the first receivable station.
3. Press the OK button and the current FM station will be set to a preset channel number. You can store up to 20 preset stations in memory.
4. To stop auto tuning, press the ESC button.

Manual tuning:

1. Scroll to Radio function and press the OK button.
2. Press the left or right button to tune to the desired station.

Recalling a Preset Station:

1. Scroll to Radio function and press the OK button.
2. Press the OK button, and “PRESET” will appear in the display.
3. Press the left or right button to scroll through the available presets.
4. To go back to the manual tuning, just press the OK button again.

Notes:

The last station tuned in will be recalled, even after switching the unit.

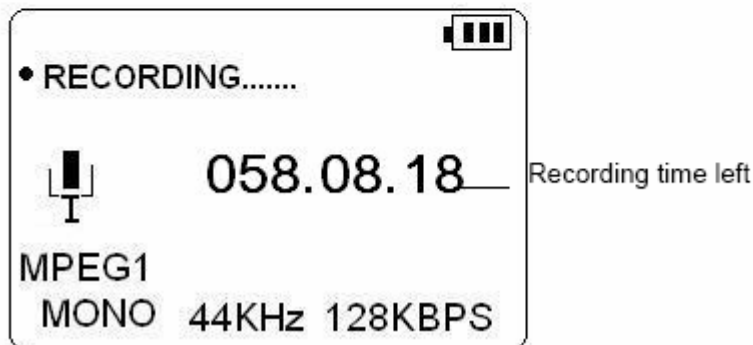
Deleting a Preset Station:

1. Scroll to Radio function and press the OK button.
2. Press the OK button, and “PRESET” will appear in the display.
3. Use the left or right button to find the desired preset you want to delete.
4. Press and hold the COPY button for 2 seconds to remove the preset.

10. Voice Recording

Start Voice Recording

1. Scroll to REC function and press the OK button.
2. Press the OK button, and the voice recording will begin.
3. Press and the ESC button to end the recording.



Finding your Recorded Files:

1. Scroll to FILE function and press the OK button.
2. Press the down button and select the RECORD folder, and press OK.
3. Scroll to the desired Voice Recording and press OK to play it.

Deleting your Recorded Files:

1. Scroll to FILE function and press the OK button.
2. Press the down button and select the RECORD folder, and press OK.
3. Scroll to the desired Voice Recording and press COPY.
4. Scroll to Delete and press OK to delete the voice recording.

11. Warranty

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Tech Support

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Call 1-508-376-4245 or
Visit our website at <http://www.kanguru.com>