User’s Manual

REVOLTEC CARDMAGIC

USB 2.0 Card Reader/Writer with 3-port Hub for

CompactFlash®TM Card Type I & II, IBM Microdrive®TM,
Memory Stick®, Memory Stick PRO®,
MultiMedia®TM Card, SecureDigital®TM Card,
SmartMedia®TM Card, xD Picture Card
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Introduction
Thank you for purchasing our REVOLTEC CARDMAGIC USB 2.0 card reader/writer with built-in USB hub. Our card reader/writer allows you to read, write, and erase data from the most popular cards such as CompactFlash™ Card Type I & II (CF Type I & II), IBM Microdrive™, Memory Stick® (MS), Memory Stick PRO® (MS PRO), MultiMedia™ Card (MMC), SecureDigital™ Card (SD), SmartMedia™ Card (SM), and xD Picture Card. The USB 2.0 hub allows you to add multiple USB 2.0 peripheral devices to your PC and your USB 1.1 devices can function as usual. This device is small, light, easy to carry, and easy to use.

Not all types of Card Reader/Writers support xD Picture Card. Please check the package or the vendor for the xD card support.

Package Contents
· USB Card Reader/Writer with 3-port Hub
· Power Adapter
· USB Cable (optional)
· Driver CD
· Quick Installation Guide

Safety Instructions
1. Always read the safety instructions carefully.
3. Keep the equipment away from humidity.
4. Lay this equipment on a reliable flat surface before setting it up.
5. If any of the following situations arises, please contact a service technician for diagnostics:
   · The equipment has been exposed to moisture.
   · The equipment has been dropped or damaged.
   · If the equipment has obvious sign of breakage.
   · The equipment has not been working well or it is still not functioning after you refer to the User’s Manual.

Specification
USB 2.0 Card Reader/Writer
· Four slots:
  · CF Type I & II/ Microdrive............................................1
  · MS/ MS PRO.................................................................1
  · SD/ MMC...............................................................1
  · SM or SM/ xD............................................................1
· Compliant with Hi-Speed USB 2.0 CompactFlash, Memory Stick, MultiMedia, SecureDigital, Smart Media Standard Specifications
· Transfer rate: 480 Mb/sec (maximum)
· Hot-Swapping allowed between all cards
· True plug-and-play function
· No driver needed for Windows ME/2000/XP

USB 2.0 Hub
Power:
· Bus-power: 5V 500mA
· Self-power: 5V 2.5A
· Adapter: Input: 100-240V 50Hz-60Hz
  · Output: 5V 2.5A
· Compliant with Universal Serial Bus Specification Revision 2.0 (Data Rate 1.5/12/480 Mbps)
• Connects up to 127 USB devices
• Over-current detection and protection
• True plug-and-play function
• 1 upstream and 2/4 downstream USB ports included
• 1 red LED as power-on indicator (In some models, there is a green LED indicator for each downstream port apart from the red LED)
• Storage temperature: -10~85 °C
• Working temperature: 0~40 °C

USB Power Port (optional)
Apart from the 3 standard USB ports, there is a USB Power Port in some models that is a value-added function of USB Hub. It is an ideal solution for powering some USB non-data-transmitting devices such as USB lamps, USB messagers, USB mobile phone chargers, etc. This socket-like USB Power Port supplies power up to 500mA.
Notice: The USB devices with data-transmitting function cannot work with USB Power Port.

System Requirements
• IBM Compatible PC or Mac with available USB port
• With one of the following operating systems:
  • Windows® 98/SE
  • Windows® ME (no driver needed)
  • Windows® 2000 (no driver needed)
  • Windows® XP (no driver needed)
  • Mac 9. X
  • Mac 10. X

Driver Installation
Except Win 98SE and Mac system, the driver of card reader/writer is bundled on the OS Win ME, Win 2000, and WinXP. Please follow the instructions step by step until the installation is completed.

Win 98SE:
  1. When the wizard searches for new drivers for USB 2.0 device, click ‘Next’.

Add New Hardware Wizard
This wizard searches for new drivers for:
Generic USB Hub on USB 2.0 Bus
A device driver is a software program that makes a hardware device work.
2. Select ‘Search for the best drivers for your device [Recommended]’, and then click ‘Next’ to continue.

3. You may either select ‘CD-ROM drive’ or ‘Specify a location’ (click ‘Browse’ to select the driver for Windows 98 in our CD-ROM driver). Click ‘Next’ to continue.
4. When the system is ready to install the driver, click ‘Next’ to continue.

5. Once the system has finished installing the software for the new driver, click ‘Finish’ to complete the first installation.
6. As step 1, the wizard searches for another new driver. Click ‘Next’ to continue.

7. As step 2, select the best driver for your device and click ‘Next’ to continue.
8. As step 3, select either ‘CD-ROM drive’ or ‘Specify a location’. Click ‘Next’ to continue.

9. As step 4, when the system is ready to install the driver, click ‘Next’ to continue.
10. Once the system has finished installing the software for the new driver, click ‘Finish’ to complete the first installation.

11. Check ‘My Computer’ to make sure the four icons of CF, SM, SD, and MS of the AP system is shown (see the next section for the AP system installation).
AP System Installation

If the four icons of the ‘Removable Disk’ are not specified, you need to install the software from the driver CD for setting up the AP system. The procedures are listed below:

Windows ME/2000/XP

1. As the picture shown, no ‘Removable Disk’ is marked. Please click the drive icon of ‘RU3141 (F:)’ (“F” is the location of your CD drive).

2. Click the driver folder for Windows.

3. Click ‘Setup’ to start the installation.
4. Select your language and click ‘OK’.

5. Click ‘Next’ to install the system.

6. Click ‘Finish’ to complete the installation.
7. Select ‘Yes’ click ‘OK’ to restart your computer.

![Restarting Windows Window]

Setup has finished copying files to your computer. Before you can use the program, you must restart your computer.

Choose one of the following options and click OK to finish setup.

- Yes, I want to restart my computer now.
- No, I will restart my computer later.

OK

8. Please check ‘My Computer’ to confirm the icons of CF, SM, SD, MS of the AP system.

![My Computer Window]

Select an item to view its description.

Displays the contents of your computer.

See also:

My Documents
Mac 9.X
1. Please insert the CD-driver to CD-ROM and there is a CD-ROM image on the
desktop.
2. Click the image of CD-ROM, and copy “GENEUSB.sit” to the desktop.
3. Click “GENEUSB.sit” and copy “install.sit” to the desktop. It will generate an
image “GENEUSBML.2”.
4. Find the files like file of 9.0.4 later and 8.6-9.0, and then click the choice of the file.
5. Click the “INSTALLER”.
6. The icon “Restart Your Computer After Installing” will show up and please click
“CONTINUE” to restart the computer.

Notice: If you have installed the older version driver, you must remove it before
installing the new one. Please delete these files:
/ System Folder/ Extensions/ Gene USB ML Driver.
/ System Folder/ Extensions/ Gene USB ML Shim.

Installation Verification
Win98SE/ Win ME
Win2000/ WinXP
**Mac 9.X/ Mac 10.X**

**MAC 9.X:** After installation finished, please click Apple image of the menu bar and select “Apple Device”. Click “Devices and Volumes” to display the USB Card Reader.

**MAC 10.X:** After installation finished, please click “Apple System Profiler” and select “Devices and Volumes”. Click “USB” to verify the installation.

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**Check the system for USB 2.0 hub**

After connecting the product to your PC/Mac, the system will detect the USB hub and install the required drivers automatically. You can check Device Manager to verify the completed installation.

- The device name maybe varied on your host driver.
- The Power Port is not included in the USB hub function.

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**Windows 98SE:**

![System Properties](Image)
**Windows ME:**

Notice: If the operating system is Windows ME, a green question mark may be shown in ‘Device Manager’. It is all right because Windows ME cannot identify the USB Hub's brand but there is no influence on its function.

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**Windows 2000:**

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Windows XP:

**Product Details**

**Connects to PC or Mac**

- [ ] Or

**Type B Receptacle**

- [ ] [Type A Plug]

**Power Jack:** Connects to Power Adapter

- [ ]

5V / 2.5A
**USB 2.0 Card Reader/Writer**

- **CF/Micro Drive**
  - 3.4 mm
  - 22.1 mm

- **MS/MS PRO**
  - 2.4 mm
  - 24.4 mm

- **SD/MMC**
  - 1.2 mm
  - 37.6 mm
  - Or
  - 3.1 mm
  - 38.1 mm

- **SM**
- **SM/xD**

* The models with SM slot do not support xD Picture Card.

**USB 2.0 Hub**

**Downstream: Connect to Devices**

- Type A Receptacle
  - X 3

**USB Power Port (optional)**

- X 1

The isolator is red
When the excessive current happens, the power will be disconnected from the related port. The green LED goes off.

If there is a pop-up window, "USB Hub Current Limit Exceeded", please click Reset to resume. You can also reset the hub by unplugging the USB cable and plugging it back.

Mac OS:
After installation finished, please go to “Apple System Profiler\ Devices and Volumes\USB” to verify the installation completed.
Certificate

**FCC**

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference
(2) This device must accept any interference received. Including interference that may cause undesired operation.

**CE - Certificate**

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B