



USB 3.0 Multi-memory Reader/Writer  
MR3-A001 series  
User's Manual

■ Forward

Thank you for purchasing the MR3-A001 Series USB 3.0 multi-memory reader/writer. This user's manual explains how to set up the product. Please thoroughly read this user's manual before use, to ensure proper setup of the product.

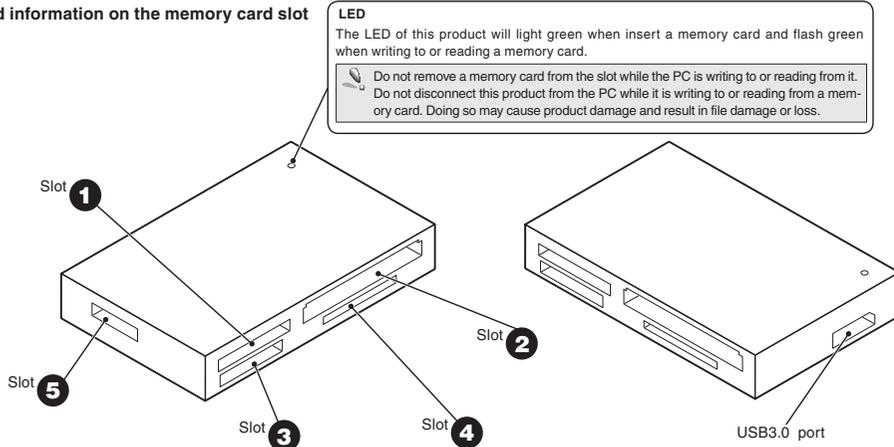
■ Safety Precautions

- Always observe the cautions issued by PC and peripheral device manufacturers when connecting and disconnecting this product.
- Do not attempt to disassemble, modify or repair this product by yourself. Doing so may cause a fire, electric shock, or product damage and may void the warranty.
- Do not use this product or any PC to which this product is connected in areas where water is used or in very humid environments. Doing so may cause a fire, electric shock, or product damage.
- When connecting and disconnecting this product, always touch a metal object (such as a steel desk or a metal door handle) to discharge static electricity before touching this product. Static electricity may damage this product.
- If you suspect something is wrong with the product, discontinue use immediately.

■ Specifications

- OS.....Windows® 7, Windows Vista® (up to SP2), Windows® XP (SP1 to SP3), Windows® 2000 (SP4) Mac OS X (10.2 to 10.6.6)  
In the above OSs, the drivers provided with the OSs can be used.
- Interface.....USB 3.0  
A USB 3.0 interface (or PC supporting USB 3.0) is required when using USB 3.0 SS Mode (max. data transfer speed of 5 Gbps).
- Operating temperature ..5 to 40°C
- Operating humidity .....30 to 80%
- Dimensions .....85.0 (W) x 52.5 (D) x 15.0(H) mm (Not including protruding parts)
- Included items .....Manual x1  
USB 3.0 cable (Approx. 0.5 m) x1

■ Part names and information on the memory card slot and USB port



■ Usage Precautions

- This product is USB 3.0 certified. The product will operate at USB 2.0 speeds when connected to a USB 2.0 port or Mac.
- If the PC is started when a memory card is inserted in this product, a disk scan may be performed automatically, even if the PC had no previous abnormal termination errors.
- If the PC is started when a memory card is inserted in this product, even if the device has been connected before, the "Found New Hardware" message may be displayed.
- It may take a minute or so for this product to be recognised by the PC after it has been connected. Wait until you can operate the computer.
- Certain types of media, including older media and media that uses special formats, may not be compatible with this product.
- Before using media with digital cameras, mobile phones, or other devices, format it with the device that you use.
- It may not always be possible to use media that has been formatted using a PC. In such cases, media can be used by first formatting it on the device with which it is to be used.
- MagicGate has a copyright protection feature.
- Please follow the removal of this product, to the procedure "5 Disconnect the card reader from the PC". There is a possibility the file disappearing.
- ELECOM Co., Ltd. shall bear no responsibility whatsoever for any data loss or damage resulting from the use of this product.
- Always insert and remove media from this product with the correct orientation and alignment.
- This product does not support standby or sleep modes.
- This product does not support modem cards or similar I/O cards.
- Do not use this product in humid or dusty environments.
- Do not subject this product to strong shocks.
- To clean the product, wipe it with a soft, dry cloth.
- Do not use benzene, paint thinner, alcohol or similar liquids.

How to insert memory cards into the corresponding card slots

Ensure the memory card is oriented correctly, and insert it straight into the correct memory card slot.

- For the latest information on supported media, visit the official ELECOM website. <http://www.elecom.co.jp/global/download/compatibility.html>
- This product is designed to continue supporting the latest media via firmware updates.

**Slot 1**

SD Memory Card  
SDHC Memory Card  
SDXC Memory Card

Multimedia Card  
Reduced Size Multimedia Card RSMMC

miniSD memory cards can be written to or read with the use of a conversion adapter.

MMCmicro can be written to or read with the use of a conversion adapter.

**SDXC Cards**

Reading/writing is possible with Windows 7 and Windows Vista (SP1 or above). For Windows Vista, it is necessary to update it to SP1 or above. For support for SDXC (exFAT) format in Windows XP, it is necessary to download the Windows XP update program KB955704. exFAT format is not supported in Windows 2000 as of Dec., 2010. exFAT format is supported in Mac OS X 10.6.5 or above as of Dec., 2010.

**Slot 2**

CompactFlash  
Microdrive

**Slot 3**

Memory Stick  
Memory Stick PRO

Memory Stick Duo  
Memory Stick PRO Duo

**Slot 4**

xD Picture Card

**Slot 5**

microSD Memory Card  
microSDHC Memory Card

Memory Stick micro (M2)

See the reverse side of the manual for information on connecting to/removing from the PC.

# Reading from and writing to a memory card using a PC

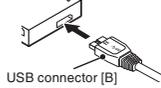
## 1 Activate the PC

1 The power of PC is turned on.

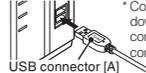
If the PC is started with this product connected, the product may not be recognized. If this problem occurs, remove and reconnect the product.

## 2 Connect to the PC

1 Connect USB connector [B] of the provided cable to the USB 3.0 port of the product.



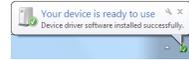
2 Connect USB connector [A] of the provided cable to the USB port of the PC. The product will be automatically recognised by the PC.



\* Confirm the proper up/down orientation of the connector when you connect it.

3 The card reader is automatically recognised and the connection procedure is complete.

When using Windows®, an "installation complete" notification will appear in the taskbar.



## 3 Insert a memory card

1 Insert a memory card in the appropriate slot with the correct orientation and alignment. Refer to "How to insert memory cards into the corresponding card slots" (on the front side) for details.

Windows® 2 The inserted memory card can be accessed.

Macintosh® 2 A drive icon appears on the desktop and you can access the memory card.



If an Auto Play dialog box appears, select the action that you want Windows to perform.



\* If the card is empty, it is opened directly as a removable disk.

Only insert one media card at a time. Media may not be recognised if multiple cards are inserted at the same time.

## 4 Remove the memory card

Do not remove a memory card while the PC is writing to or reading from it.

Windows® 1 Open "My Computer" ("Computer" in Windows 7 and Windows Vista).

2 Right-click the removable disk that the memory card was assigned to, and on the context menu that appears, click [Eject].

3 Remove the memory card from the slot.

Macintosh® 1 Drag the drive icon to the Trash (Eject).

The Trash icon becomes an Eject icon.



2 Check that the drive icon has disappeared and remove the memory card from the slot.

## 5 Disconnect the card reader from the PC

Do not disconnect the card reader while the PC is writing to or reading from it.

Windows® 1 Click the , , or icon in the Taskbar or the Notification Area.

\* If the icon is displayed in the Notification Area in Windows® 7, click it and then click the USB icon () that appears.

\* If removing a memory card using Windows® 7, proceed to step 4.

2 Click the message that appears.

\* In Windows 7, if a memory card is in memory slots 1 to 4, the message "Eject removable media" is displayed for each slot. For each message, perform steps 2 and 3 and then proceed to step 4.

3 The "Safe to Remove Hardware" notification is displayed.



• Windows® 7, Windows® XP Proceed to Step 4  
• Windows Vista® 7, Windows® 2000 Click  and proceed to Step 4



\* If using a USB device or PC card besides this product, both names will be displayed. In this case, click the message that appears for this product (indicating a USB mass storage device or USB disc).

\* If a memory card is inserted into the memory card slot when using Windows® 7, click "Remove Mass Storage Device" (When connected with USB 2.0, click "USB3.0-CRW" (or "USB3.0-CRW" if connected via USB 2.0).

Macintosh® Remove all memory cards from the card reader slots.

4 Disconnect the card reader from the USB port.

Always disconnect the card reader from the PC before turning off the PC.

### When using this product with Windows® 2000

Windows® 2000 Service Pack 4 or above is required to use this product. Perform the following steps to confirm your version. If using Service Pack 3 or earlier, use Windows Update to update it to the latest version of Windows® 2000. For information on performing the update, refer to your PC manual or consult the manufacturer of your PC.

- Right-click the My Computer icon on your desktop, and then click "Properties" from the menu. The system properties window is displayed.
- Confirm your version of Windows® 2000.

### If your PC does not support USB 3.0 in Windows®

When performing step 2 of "2. Connect to the PC", the following taskbar message or system notification will appear when you connect the USB connector to the PC USB port.

- When using Windows® XP Service Pack 1 or earlier "HI-SPEED USB Device Plugged into non-HI-SPEED USB Hub"
- When using Windows Vista® or Windows® XP Service Pack 2 or above "This Device Can Perform Faster"

This is a message informing you that even though this product is a USB 3.0 device, the port that it is connected to does not support USB 3.0. In this case, this product will operate at USB 2.0 speed.

### About Windows® drive letters

In Windows®, the memory cards slots are assigned in the following order. (the information in brackets assumes that the PC's last assigned drive letter is E)

1st	Removable device (F:)	Memory card slot 2
2nd	Removable device (G:)	Memory card slot 4
3rd	Removable device (H:)	Memory card slot 1
4th	Removable device (I:)	Memory card slot 3
5th	Removable device (J:)	Memory card slot 5



The order of drive assignment in Windows® 7 may differ, depending on your PC.

In Windows® 7, the drive icon will appear once a memory card is inserted into a slot.

### About Macintosh® drive icons

When using a Macintosh®, a different drive icon will appear depending on which memory slot you insert a card into.

Slot	1 or 2 or 5 <sup>1</sup>	3 or 4 or 5 <sup>2</sup>
Drive icon		

- If multiple memory cards are inserted into card slots at the same time, the drives names will be named "Untitled", "Untitled1", "Untitled2", etc.
- The drive priority is "Untitled", "Untitled1" and "Untitled2". For example, if memory cards are inserted in the order 3, 4, 5<sup>1</sup>, then 2 will become "Untitled", 3 will become "Untitled1", and 5<sup>2</sup> will become "Untitled2". If you remove cards 3 and 4, and then reinsert 4, then 4 will be designated "untitled".

\*1 When a microSD or microSDHC memory card is inserted.

\*2 When a Memory Stick micro (M2) is inserted.

### If the PC does not recognise the card reader

If the PC does not recognise the card reader, disconnect it from the PC and try connecting it again.

In Windows® 7, even if this product is recognised, the drive will not be displayed until a memory card has been inserted.

## ELECOM CO., LTD.

1-1 Fushimi-machi 4-Chome Chuoku, Osaka Japan 541-8765  
URL: <http://www.elecom.co.jp/global/>  
overseas@elecom.co.jp

宜羅客(上海)貿易有限公司  
上海市徐匯區肇嘉浜路1065甲号飛龍國際大廈704号  
電話: 86-21-33680011  
FAX: 86-21-64271706  
URL: <http://www.elecom-china.com/>

ELECOM Korea Co., Ltd.  
5F Sam Bldg, 1358-17, Seocho2-dong, Seocho-gu, Seoul 137-862, Korea  
TEL: 1588-9514  
FAX: (02)3472-5533  
URL: [www.elecom.co.kr](http://www.elecom.co.kr)

ELECOM Singapore Pte. Ltd.  
33 URBAN AVENUE # 03-56, VERTEX SINGAPORE (408868)  
TEL: (65)-6347-7747  
FAX: (65)-6753-1791

ELECOM India Pvt. Ltd.  
408-Deepali Building, 92- Nehru Place, New Delhi-110 019, India  
TEL: 011-40574543  
e-mail: [support@elecom-india.com](mailto:support@elecom-india.com)  
URL: <http://www.elecom-india.com/>

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User's manual  
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