

IMAGE MEMORY CARD READER DM-R1

for Windows / Macintosh

OWNER'S MANUAL

This manual will show you how to use your IMAGE MEMORY CARD READER DM-R1 correctly.
Please follow the instructions carefully.

MODE D'EMPLOI

Cette brochure a été préparée pour vous expliquer l'utilisation correcte de votre IMAGE MEMORY CARD READER DM-R1.
Veuillez en lire attentivement les instructions d'utilisation.

BEDIENUNGSANLEITUNG

Diese Anleitung enthält alles, was Sie über Ihren IMAGE MEMORY CARD READER DM-R1 wissen sollen.
Lesen Sie die Anleitung bitte sorgfältig durch.

BB11737-100(1) **E F G**



FUJIFILM

FUJI PHOTO FILM CO., LTD.
26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620, Japan

Printed on recycled paper.
Imprimé sur papier recyclé.
Gedruckt auf wiederverwertetem Papier.

F05-022104

Warning

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

For customers in the U.S.A.

FCC Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION

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:

- Repoint 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 radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your warranty.

For customers in Canada

CAUTION

This Class B digital apparatus complies with Canadian ICES-003.

EC Declaration of Conformity

We
Name : Fuji Photo Film (Europe) G.m.b.H.
Address : Heusenstrasse 31
40549 Düsseldorf, Germany

declare that the product
Product Name : IMAGE MEMORY CARD READER DM-R1
Manufacturer's Name : Fuji Photo Film Co., Ltd.
Manufacturer's Address : 26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620,
Japan

is in conformity with the following Standards

Safety : EN60950
EMC : EN55022 : 1994 + A1 + A2 Classe B
EN50082-1 : 1997
EN61000-3-2 : 1995

following the provision of the EMC Directive (89/336/EEC, 92/31/EEC and 93/68/EEC)
and Low Voltage Directive (73/23/EEC).



Düsseldorf, Germany June 1, 2000

Place Date Signature/Managing Director

Pour les utilisateurs au Canada

ATTENTION

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Déclaration de conformité de la cee

Nous
Nom : Fuji Photo Film (Europe) G.m.b.H.
Adresse : Heusenstrasse 31
40549 Düsseldorf, Germany

déclare que ce produit

Nom du produit :

Fujifilm Image Memory Card Reader
(Lecteur de carte de mémoire d'images) DM-R1

Nom du fabricant :

Fuji Photo Film Co., Ltd.

Adresse du fabricant :

26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8620,
Japan

est conforme aux normes suivantes

Sécurité : EN60950
EMC : EN55022 : 1994 + A1 + A2 Classe B
EN50082-1 : 1997
EN61000-3-2 : 1995

selon les dispositions de la directive de la CEE (89/336/EEC, 92/31/EEC et 93/68/EEC)
et de la directive Basse tension (73/23/EEC).



Düsseldorf, Germany

June 1, 2000

Lieu

Date

Signature/Directeur général

Warnung

Erklärung über EG-Normengerechtheit

Wir

Name :

Anschrift :

Fuji Photo Film (Europe) G.m.b.H.
Heisenstrasse 31
40549 Düsseldorf, Germany

erklären hiermit, daß das folgende Produkt

Produktbezeichnung :

Fujifilm Image Memory Card Reader
(Lesegerät für Bildspeicherkarten) DM-R1

Name des Herstellers :

Fuji Photo Film Co., Ltd.

Anschrift des Herstellers :

26-30, Nishiazabu 2-chome, Minato-ku, Tokyo 106-8020,
Japan

den nachstehend aufgeführten Normen genügt :

Sicherheit : EN50090

EMC : EN55022 : 1994 + A1 + A2 Klasse B

EN50082-1 : 1997

EN51000-3-2 : 1995

und zwar gemäß den Bestimmungen der EMC-Richtlinie (89/336/EEC, 92/31/EEC und 93/68/EEC) und der Niederspannungs-Richtlinie (73/23/EEC).



FUJIFILM
Image Memory Card Reader DM-R1

Düsseldorf, Germany

June 1, 2000

Ort

Datum

Unterschrift/Geschäftsführer

IMPORTANT

- To customer — Please read the following before using your DM-R1.

Software and owner's manual precautions

- (1) No part of the software and owner's manual may be reproduced without prior permission.
- (2) The software and owner's manual can be used with one Image Memory Card Reader DM-R1.
- (3) Fuji Photo Film Co., Ltd. shall not be liable for any losses incurred by the customer or other parties by use of the DM-R1 according to the accessory software and owner's manual.
- (4) The DM-R1 has been carefully inspected, however, if the product is found to be defective due to faulty materials or workmanship the product will be replaced. No other warranty is implied.
- (5) The contents of the software and owner's manual are subject to change without prior notice.

In rare cases the DM-R1 may not be compatible, depending on the personal computer used.

■ To open an image

To display an image on your personal computer, commercially available JPEG image reading software is required.

■ Trademark Information

- IBM PC/AT is a registered trademark of International Business Machines Corp. of the USA.
- Macintosh, iMac, Mac OS are trademarks of Apple Computer, Inc.
- Microsoft and Windows are registered trademarks of the Microsoft Corporation of the U.S. registered in the USA and other countries.
- Windows is an abbreviated term referring to the Microsoft Windows Operating System.
- SmartMedia is a trademark of Toshiba Corporation.
- CompactFlash is a registered trademark of the SanDisk Corporation of the U.S.
- iLINK is a trademark of Sony Corp.
- Other company or product names are trademarks or registered trademarks of the respective companies.

■ Notes on Electrical Interference

Usage of the DM-R1 in an aircraft or hospital may cause erroneous operations of the aircraft and hospital control devices, make sure of the regulations of hospitals or aircraft.

ACCESSORIES

- Image memory card reader (with four rubber feet)



- IEEE1394 cable



- DM-R1 setup disk (in paper case)



- Owner's manual (this manual)



► IEEE denotes international standards established by the Institute of Electrical and Electronics Engineers.

CONTENTS

IMPORTANT	2
ACCESSORIES	3
BEFORE USING	5
HANDLING	5
■ IEEE1394 cable connection	5
■ Inserting the SmartMedia or Microdrive	6
■ Removing the SmartMedia or Microdrive	7
■ Disconnecting the IEEE1394 cable	7
OPERATING ENVIRONMENT	8
USING WITH WINDOWS	9
■ Set up procedure	9
■ Using the DM-R1	13
■ Corrective action when write-behind caching occurs frequently	14
USING WITH A Macintosh	15
■ Before set up	15
■ iMac Update 1.0 ² installation	16
■ Set up procedure	15
■ Using the DM-R1	16
■ File Exchange	17
TROUBLESHOOTING	18
MAIN SPECIFICATIONS	19
DEVICE DRIVER REMOVAL (UNINSTALLATION) PROCEDURE	20
DISCLAIMER	22
SAFETY NOTES	23
NOTES ON USING YOUR DM-R1 CORRECTLY	25

BEFORE USING

■ Data storage

The data stored in the SmartMedia or microdrive may be destroyed in the following cases. Fuji Photo Film Co., Ltd. shall not be liable for destruction of the stored data.

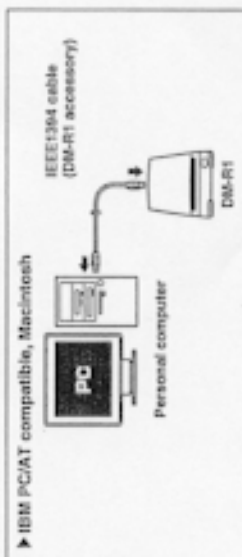
1. When the customer, or other party, used the SmartMedia, microdrive or DM-R1 improperly.
 2. When the SmartMedia, microdrive or DM-R1 is affected by static electricity or electric noise.
 3. When the IEEE1394 cable, the SmartMedia or the microdrive is removed, the device is switched off, or another IEEE1394 device is connected while the DM-R1 is being accessed (during recording, erasing, initialization or playback).
- We recommend that you copy your valuable data to another media (MO disk, floppy disk, hard disk, etc.).

HANDLING

The accessory rubber feet are designed to prevent slipping. Install these feet at the four corners of the DM-R1, as required.

■ IEEE1394 cable connection

Connect the DM-R1 to the IEEE1394 port (8-pin) on your PC, as shown in the figure below.



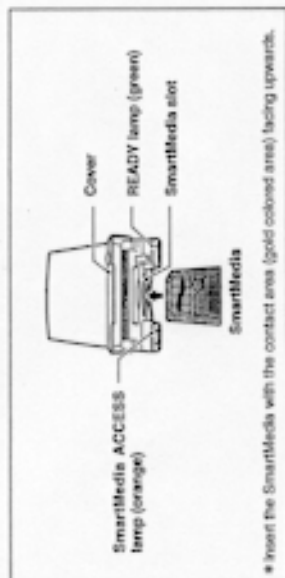
To connect the DM-R1 to an iLINK (4-pin) port, you need the 6 pin-4 pin connection cable and the AC Power Adapter AC-SVH (or AC-SV), which are both sold separately.

■ Notes

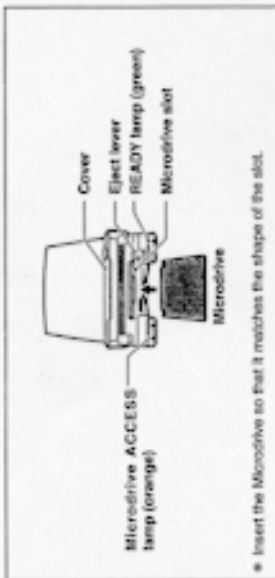
- Insert the IEEE1394 connector fully and firmly. Improper connection will cause the DM-R1 to malfunction.
- The DM-R1 can be connected and disconnected even while the personal computer power is on.
- If the PC is equipped with 2 or more IEEE1394 ports, the DM-R1 can be connected to any of the ports.
- If you connect the DM-R1 to a vacant port on another device that is connected to the PC via an IEEE1394 cable, the DM-R1 may not operate correctly, depending on the intermediate device. In this event, connect the DM-R1 directly to the PC.
- You cannot use the enclosed cable to connect the DM-R1 to an iLINK (4-pin) port. Purchase the 6 pin-4 pin connection cable (sold separately) for this type of connection.

■ Inserting the SmartMedia or Microdrive

When inserting a SmartMedia or microdrive, insert them into the SmartMedia slot or microdrive slot respectively, as indicated in the figures below.



Push the SmartMedia slowly into the slot with your fingertip until you feel it click into place. When SmartMedia is inserted correctly and the cover is closed, the READY lamp lights. The same READY lamp is used for both the SmartMedia slot and the microdrive slot.



Push the microdrive slowly but firmly all the way into the slot with your fingertip. When the microdrive is inserted correctly and the cover is closed, the READY lamp lights. The same READY lamp is used for both the microdrive slot and the SmartMedia slot.

■ Removing the SmartMedia or Microdrive

Windows Second Edition

When removing a SmartMedia or microdrive, always proceed as directed below. Before you remove the SmartMedia or microdrive, open the "My Computer" window, click the "Removable disk" icon with the right mouse button and select "Eject" from the menu.



Open the DM-R1 slot cover, check that the READY lamp is no longer lit, and then slowly push the SmartMedia into the slot with your fingertip until you feel near and click. The SmartMedia then pops halfway out of the slot. Grasp the SmartMedia and pull it out. In the case of the microdrive, slowly push the Eject lever to the right of the slot inwards. The microdrive pops halfway out of the slot. Grasp the microdrive and pull it out.

Notes

- If you remove the SmartMedia or microdrive without following the above procedure, the IEEE1394 connection is cut and PC operation may become unstable. To recover this error, you must reconnect the IEEE1394 connector or reboot the PC.
- Do not touch the slot cover while the SmartMedia or microdrive is being accessed (while the ACCESS lamp is lit).

Macintosh

① To remove a SmartMedia or microdrive, drag the corresponding icon on the desktop to the Trash or select "Eject" from the "Special" menu at the top of the screen.



② Open the DM-R1 slot cover, check that the READY lamp is no longer lit and then remove the SmartMedia or microdrive.

Notes

- Do not touch the slot cover while the SmartMedia or microdrive is being accessed (while the ACCESS lamp is lit).

■ Disconnecting the IEEE1394 Cable

When you disconnect the IEEE1394 cable, always disconnect the PC end of the cable before you disconnect the cable from the DM-R1.

CAUTION

-  Do not let metal objects or liquids enter the DM-R1.
The entry of metal objects or water or other liquids into the DM-R1 will cause electric shock or a fire.
-  Never disassemble the DM-R1.
Do not disassemble the DM-R1. Storing, or using, the DM-R1 in the disassembled state will cause trouble or electric shock.
-  Do not touch the DM-R1 when your hands are wet.
Touching the DM-R1 and personal computer with wet hands while the DM-R1 IEEE1394 cable is connected to the personal computer will cause electric shock.
Do not touch with wet hands
-  Do not touch the IEEE1394 cable or the AC adapter cable when your hands are wet.
If your hands are wet, touching the IEEE1394 cable or the plug for the AC Power Adapter AC-50N (or AC-50V) while the power cable for the personal computer is plugged into an AC power socket can cause an electric shock.
No wet hands
-  Do not install the DM-R1 where it is wet, humid, hot, or dusty, or where oil, smoke, etc. are prevalent (near a kitchen table, humidifier, etc.).
Installation in such places will cause electric shock or other trouble.
-  Do not allow dirt or foreign matter to enter through the SmartMedia or microdrive slot.
Dust or foreign matter will cause a fire or other trouble.

NOTES ON USING YOUR DM-R1 CORRECTLY

- Do not turn off the personal computer power, or touch the "EJECT button", while the "ACCESS lamp" is on.
The SmartMedia or microdrives and internal data will be destroyed.
- Do not drop or otherwise apply strong shock or vibration to the DM-R1.
Strong shock or vibration will damage the DM-R1 or cause trouble.
- Do not store, or use, the DM-R1 with heavy objects atop it.
Heavy objects will damage the DM-R1, or cause trouble.
- Do not touch the pins of the IEEE1394 connector.
Touching the pins may damage the DM-R1 and the personal computer.
- When disconnecting the IEEE1394 interface cable, pull out the connector while pressing the end with your finger.
Forcefully pulling out the cable itself will damage the DM-R1 and the cable.
- Do not use cable other than the cable supplied.
The use of other cable will cause erroneous operation.
- When inserting the SmartMedia or microdrives, pay careful attention to the direction of the card.
Inserting the SmartMedia or microdrives in reverse may cause trouble.
- Never touch off your personal computer or touch the slot cover while the ACCESS lamp is lit.
Either of these actions could corrupt the data on the SmartMedia or microdrive or damage the media itself.
- Ensure that dirt and foreign objects do not get into the insertion slot for SmartMedia or microdrives.
This can cause malfunctions or faults.