

Panasonic®

USB3.0 Reader/Writer For SD/SDHC/SDXC/ microSD/microSDHC Card BN-SDCMAB

Operating Instructions

RQT9559-P
F0703H2088

Operating Instructions for following languages is available at
<http://panasonic.jp/support/global/cs/sd/wp/>
(English, German, French, Canadian French, Italian, Spanish, Russian, Polish, Romanian, Czech, Turkish, Hungarian)

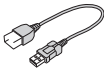
Before Use

Checking Contents

Before using this product, please check the contents. If anything is missing, please contact the dealer from which you purchased the item.



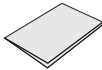
USB Reader/
Writer



USB extension
cable

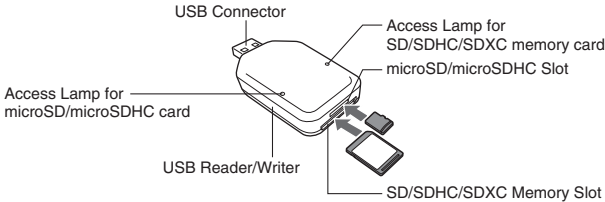


CD-ROM



Operating
instructions

Name of each part of USB 3.0 Reader/Writer



Recommended environments

Required PCs are equipped with USB 3.0 or USB 2.0 port preinstalled by the following operating system;

Supported Operating System	
Windows	Windows 7, Windows Vista ^{*1} , Windows XP ^{*2}
Mac OS	Mac OS X 10.5.8, 10.6~10.6.7 ^{*3}

Notes

- This USB Reader/Writer works correctly on PC equipped with preinstalled USB port.
- Only preinstalled operating system is supported.
Later updated operating system is not supported.
- When you use other operating system listed above, or when you use homebuilt PC, correct performance of this USB Reader/Writer is not guaranteed.
- Do not use this USB Reader/Writer with USB hub.
Depending on your PC environment, otherwise it may not work.
- When using a notebook computer, always use the AC adapter of notebook computer.
 - ※1 Windows Vista should be updated to SP1 or later version to use SDXC memory card.
 - ※2 Windows XP should be updated to SP2 or later. And install update program (KB955704) to use SDXC memory card on Windows XP. See detail at <http://support.microsoft.com/?kbid=955704>.
 - ※3 Mac OS X should be updated to Mac OS X 10.6.4 or later version to use SDXC memory card. Boot camp is not supported.

Recommended environments do not guarantee operation for all PCs.

Handling Cautions

This product is mounted with precision electronic components. Be sure to follow the directions below for the correct usage.

- Do not disassemble this product.
- Keep out of reach of children to avoid swallowing the card.
- If the product emits a strange odor, heat, or smoke, immediately discontinue use.
- Avoid high temperatures and direct sunlight.
- Do not bend or apply unnecessary force.
- Do not expose to moisture or rain.
- Do not put anything into the card slot except an SD Card.
- Do not remove the SD Card from this product while data is being written to or read.

Software License Agreement

Portions of the software on this CD-ROM are Copyright © Panasonic Corporation 2011. All rights reserved.
YOU ARE ONLY GRANTED A LICENSE TO USE THE SOFTWARE PROVIDED THAT YOU AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT.

- 1) Panasonic will allow the customer to use the software (CD-ROM/Operating Instructions) however, no copyright or other intellectual property rights will be transferred to the customer.
- 2) Regardless of whether this software is paid for or not, the user of this software may not transfer it to a third party.
- 3) A copy of the software may be made only for backup purposes.
- 4) This software may only be used in one computer and may not be used in multiple computers.
- 5) Reverse engineering, modifying or creating modified versions of the software is prohibited. Panasonic and distributors and their suppliers will not be liable for any damages due to the use of any modified versions software.
- 6) If there are any problems with the software please call or write the Panasonic contact. Regarding any inquiries about problems with the software, Panasonic will provide information about bugs, or information about how to use the software that are known to Panasonic. The specification of the software is subject to change without notice.
- 7) 6) above is the only remedy that Panasonic will provide for [problems with] the software. Panasonic and its distributors and their suppliers will not take responsibility for any claims made by third parties for any damages caused by the use of the software.
- 8) If the customer takes the software out of the country in which it was purchased, the customer must follow the export regulations of Japan and those of the United States and/or other countries.

READ THIS FIRST when you use SDXC memory card.

You may be prompted to format the card when it is used with equipment not compatible with the SDXC memory card (such as a PC whose OS does not support SDXC). Doing so will result in loss of data, so be sure to cancel.

When the SDXC memory card is inserted into equipment not compatible with SDXC memory cards,

- A message saying that “This card is malfunctioning”, “This card cannot be used”, etc., may display.
- A message saying “This card needs to be formatted”, etc., or a format screen may display.
→ It will cause a problem with compatibility if it is formatted, so do not format.
- The power may not go on.

Contents of CD-ROM

Utility software recorded in CD-ROM consists of CPRM Driver, USB Accelerator Driver and Icon Utility.

As the following table, files to be installed varies depending on Operating System.

Supported Operating System	Utility software		
	CPRM Driver	USB Accelerator Driver	Icon Utility
Windows	○	○	○
Mac OS	×	×	○

Usage

[For Windows]

Utility software installation

Install utility software by following procedures.

1. Turn on your PC and boot up the operating system without connecting this USB Reader/Writer at your PC.
2. Close all ongoing application software that you are currently using.
Otherwise, the data that you are currently working may be lost.
3. Put the enclosed CD-ROM into your CD-ROM drive of your PC.
Then utility software installation will start running automatically.
If it's not working automatically, open up the CD-ROM drive icon (i.e. D: or other letter:). Double click SETUP icon in this drive.

When the following dialog appears, you cannot use SDXC memory card under the current PC environment. Please install update program to use SDXC memory card.

You cannot use SDXC memory card under the current PC environment.
Please install update program to use your SDXC memory card.
Click [Update Program Download] button, then Panasonic support website will be shown.
Install update program and run this program again.
If you don't use SDXC memory card, click [Continue] button.
Then install of utility software will continue.

4. Put the USB Reader/Writer into appropriate USB port in your PC with included USB cable and then the USB Reader/Writer will be automatically recognized. As soon as installer screen disappears, confirm it's working fine by opening up "My Computer" and checking new "SD Drive/microSD Drive" icons appear.

Caution

For Windows 7, "SD Drive/microSD Drive" icons do not appear until you insert the SD Card into the card slot.

Assigned Drives name vary depending on current PC environment.

5. Once the aforementioned utility software installation process completes, you do not need to do it again. Just plug the USB Reader/Writer into USB connector at your PC.

Memory card insertion to the USB Reader/Writer

Insert the SD Card exactly into the card slot until it stops with click connection. Make sure the USB Reader/Writer and the SD Card are both facing upside.

The SD Card must be inserted horizontally against the card slot in this USB Reader/Writer.

Caution

Be sure the SD Card is facing in the right direction when inserting it. Inserting the SD Card in reverse may cause damage to the slot and/or the SD Card, or may result in loss of data.

Memory card reading and writing

By accessing "SD drive/microSD drive" (i.e. assigned drive to this product) you can do file operation including reading and writing just like ordinary drive access.

The Memory card withdrawal from the USB Reader/Writer

1. Check to see that all access lamps on the USB Reader/Writer are off.
2. Right-click the "SD drive/microSD drive" icon displayed in "My Computer", and select "Eject".
3. Check to see that all access lamps on the USB Reader/Writer are off.
4. In order to withdraw the SD Card from the card slot of the USB Reader/Writer, push the SD Card in and subsequently it will be pushed back, then you can easily pick it up.

Caution

Please be sure to follow the below restrictions.
Otherwise that may result in damage to the SD Card or loss of data.
– Do not remove the SD Card while the access lamp is illuminating.

USB Reader/Writer withdrawal from PC

When the power of the PC is off, just withdraw the USB Reader/Writer. When the power of the PC is on, withdraw the USB Reader/Writer according to the following procedure.

1. Make sure that access lamp is not illuminating anymore and then left-click the icon of Safety Remove Hardware on the bottom right corner in the task bar in the PC screen.
2. Then select the drive corresponding to the USB Reader/Writer. The letter designating the USB Reader/Writer can vary between PCs.
3. After confirming if the access lamp is off, then you can withdraw this USB Reader/Writer from your PC.

Caution

Do not withdraw the USB Reader/Writer while an access lamp on USB Reader/Writer is illuminating. Otherwise that may result in damage to the SD Card or data loss.

[For Macintosh]

Utility software installation

- Install utility software by following procedures.
1. Turn on your PC and boot up the operating system without connecting this USB Reader/Writer at your PC.
 2. Close all ongoing application software on Mac OS.
 3. Put the enclosed CD-ROM into your CD-ROM drive of your PC.
Double click the [BN-SDCM_V1_0] disc icon appeared on desktop.
 4. Double click the [MacDriveIconUtility] to execute installer.
Utility software installer will be executed.
 5. Start installation according to the direction of installer.
 6. When the install is complete, then click [Restart] button to reboot Mac OS.
 7. Put the USB Reader/Writer into appropriate USB port in your PC with included USB cable. Then install process is complete.

Memory card insertion to the USB Reader/Writer

Insert the SD Card exactly into the card slot until it stops with click connection. Make sure the USB Reader/Writer and the SD Card are both facing upside. The SD Card must be inserted horizontally against the card slot in this USB Reader/Writer.

Caution

Be sure the SD Card is facing in the right direction when inserting it.
Inserting the SD Card in reverse may cause damage to the slot and/or the SD Card, or may result in loss of data.

Memory card reading and writing

By accessing “SD drive/microSD drive” (i.e. assigned drive to this product) you can do file operation including reading and writing just like ordinary drive access.

The Memory card withdrawal from the USB Reader/Writer

1. Check to see that all access lamps on the USB Reader/Writer are off.
2. Drag the “SD drive/microSD drive” icon into the Trash.
3. Check to see that all access lamps on the USB Reader/Writer are off.
In order to withdraw the SD Card from the card slot of the USB Reader/Writer, push the SD Card in and subsequently it will be pushed back, then you can easily pick it up.

Caution

Please be sure to follow the below restrictions.
Otherwise that may result in damage to the SD Card or loss of data.
– Do not remove the SD Card while the access lamp is illuminating.
– Do not exchange the inserted SD Card to another card without discarding the drive icon into Trash.
– Do not exchange the inserted SD Card to another card in Standby state of the PC.

USB Reader/Writer withdrawal from PC

When the PC is turned off, just withdraw the USB Reader/Writer. When the PC is turned on, discard the drive icon into “Trash”. Then you can withdraw this USB Reader/Writer from your PC.

Caution

Do not withdraw the USB Reader/Writer while an access lamp on USB Reader/Writer is illuminating. Otherwise that may result in damage to the SD card or data loss.

Troubleshooting		
Symptom	Causes/check locations	Remedies
The PC will not detect the USB Reader/Writer	●The USB connector may not be properly connected. ●Is the driver installed?	●To ensure proper connection, re-plug the USB connector into the USB port on the PC. ●Correctly install the driver.
Cannot write to SD Card	●Is the write protection switch set to LOCK?	●Release the write protection switch.
Cannot open drive	●Is the SD Card inserted?	●Correctly insert the SD Card.

Specifications		
Supported media	SDXC Memory Card	48GB – 64GB
	SDHC Memory Card	4GB – 32GB
	SD Memory Card	8MB – 2GB
	miniSD Card	8MB – 2GB
	(Need miniSD Adapter)	
	microSDHC Card	4GB – 32GB
	microSD Card	64MB – 2GB
Interface	USB 3.0 / USB 2.0	
Voltage	DC 5V	
Usage condition	Temperature: 0°C–50°C (32°F to 122°F)	
Dimensions	Approx. 39×72×12 mm	
Weight	Approx. 20 g (0.7 oz)	

- SD, SDHC, SDXC, microSD and microSDHC Logo are trademarks of SD-3C, LLC.
- Microsoft, Windows and Windows Vista are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Mac and Mac OS are trademarks of Apple Inc., registered in the U.S. and other countries.

For U.S.A

THE FOLLOWING APPLIES ONLY IN THE U.S.A.

FCC Note:
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 radio/TV technician for help.
Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device.
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.
Responsible Party:
Panasonic Corporation of North America
One Panasonic Way
Secaucus, NJ 07094
Telephone No.: 1-800-211-7262

ONLY FOR U.S.A.

Panasonic Consumer Electronics Company,
Division of Panasonic Corporation of North America
One Panasonic Way, Secaucus, New Jersey 07094

Panasonic Limited Warranty

Limited Warranty Coverage (For USA and Puerto Rico Only)
If your product listed below does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company (referred to as “the warrantor”) will, for the length of the period indicated on the chart below, which starts with the date of original purchase (“warranty period”), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair, replace or refund will be made by the warrantor.

Product Name	Parts	Labor
USB 3.0 Reader/Writer	1 Year	Not Applicable

During the “Labor” warranty period there will be no charge for labor. During the “Parts” warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty excludes both parts and labor for batteries, antennas, and cosmetic parts (cabinet). This warranty only applies to products purchased and serviced in the United States or Puerto Rico. This warranty is extended only to the original purchaser of a new product which was not sold “as is”. A purchase receipt or other proof of the original purchase date is required for warranty service.

Mail-In Service

For assistance in the U.S.A. and Puerto Rico in obtaining repairs please ship the product prepaid to:
**Panasonic Service and Technology Company, Exchange Center,
4900 George McVay Drive, Suite B Door #12, McAllen, TX 78503**
panacare@us.panasonic.com

When shipping the unit carefully pack, include all accessories, and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint, a return address and provide a day time phone number where you can be reached. A valid registered receipt is required under the Limited Warranty.

Limited Warranty Limits And Exclusions

This warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God.
**THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER “LIMITED WARRANTY COVERAGE”.
THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY.** (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer, loss of or damage to media or images, data or other memory or recorded content. The items listed are not exclusive, but are for illustration only.)
ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.
Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.
This Warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.
PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer Services Directory (United States and Puerto Rico)

Obtain Product Information and Operating Assistance;
locate your nearest Dealer or Service Center; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:
<http://www.panasonic.com/help>
or, contact us via the web at:
<http://www.panasonic.com/contactinfo>
You may also contact us directly at:
1-800-211-PANA (7262), Monday-Friday 9 am-9 pm;
Saturday-Sunday 10 am-7 pm, EST.

For hearing or speech impaired TTY users, TTY : 1-877-833-8855

Accessory Purchases (United States and Puerto Rico)

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:
<http://www.pstc.panasonic.com>
or, send your request by E-mail to: npcparts@panasonic.com
You may also contact us directly at: 1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)
(Monday – Friday 9 am to 8 pm, EST.)
Panasonic Service and Technology Company
20421 84th Avenue South, Kent, WA 98032
(We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

For hearing or speech impaired TTY users, TTY : 1-866-605-1277

As of October 2008

For Canada

THE FOLLOWING APPLIES ONLY IN CANADA

This Class B digital apparatus complies with Canadian ICES-003

FOR CANADA

**Panasonic Canada Inc.
PANASONIC PRODUCT –
LIMITED WARRANTY**

Panasonic Canada Inc. warrants this product to be free from defects in material and workmanship and agrees to remedy any such defect for a period as stated below from the date of original purchase.
USB 3.0 Reader/Writer 1 Year

LIMITATIONS AND EXCLUSIONS

This warranty does not apply to products purchased outside Canada or to any product which has been improperly installed, subjected to usage for which the product was not designed, misused or abused, damaged during shipping, or which has been altered or repaired in any way that affects the reliability or detracts from the performance, nor does it cover any product which is used commercially. Dry cell batteries are also excluded from coverage under this warranty.
This warranty is extended to the original end user purchaser only. A purchase receipt or other proof of date of original purchase is required before warranty service is performed.
**THIS EXPRESS, LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
IN NO EVENT WILL PANASONIC CANADA INC. BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES.**
In certain instances, some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, or the exclusion of implied warranties, so the above limitations and exclusions may not be applicable.

WARRANTY SERVICE

FOR PRODUCT OPERATION ASSISTANCE, please contact:

Our Customer Care Centre:
Telephone #: (905) 624-5505
1-800 #: 1-800-561-5505
Fax #: (905) 238-2360
Email link: “Customer support” on www.panasonic.ca

FOR PRODUCT REPAIRS, please locate your nearest Authorized Servicentre at www.panasonic.ca:
Link : “Servicentres™ locator” under “Customer support”
IF YOU SHIP THE PRODUCT TO A SERVICENTRE
Carefully pack and send prepaid, adequately insured and preferably in the original carton.
Include details of the defect claimed, and proof of date of original purchase.

For Europe

Pursuant to at the directive 2004/108/EC, article 9 (2)
Panasonic Testing Centre
Panasonic Marketing Europe GmbH
Winsbergring 15, 22525 Hamburg, Germany



Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)
This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.
Please dispose of this item only in designated national waste electronic collection schemes, and not in the ordinary dust bin.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.
If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.