

Panasonic®



SD Memory Card Carte mémoire SD

Operating Instructions Manuel d'utilisation



This manual was printed with soy based ink.
Ce manuel a été imprimé avec de l'encre à base de soja.

PP

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Ave. 65 de Infantería, Km. 9.5 San Gabriel Industrial Park, Carolina, Puerto Rico 00985

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- SD logo is a trademark.
- Le logotype SD est une marque de commerce.

Thank you for purchasing this product.

Handling and storage precautions

- Keep out of reach of children. If swallowed, seek medical advice immediately.
- This card is formatted to the SD memory card standard. If reformatting is ever necessary, format it using SD compliant equipment or software. Formatting the card with any other software will make the card non-standard and cause problems with compatibility and performance.
- After removing the card from equipment, immediately store it in its case.
- Do not disassemble or modify the card.
- Do not impact, bend, drop, or wet.
- Do not touch the metal terminals with your hands or metal objects.
- Do not detach the label on the card.
- Do not attach other labels or stickers.
- Do not use or store in locations directly exposed to sunlight, a heat vent, or a heating appliance.
- Do not use or store in humid or dusty locations.
- Do not use or store in locations exposed to corrosive gases.

THE FOLLOWING APPLIES ONLY IN CANADA

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

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

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:

- 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.

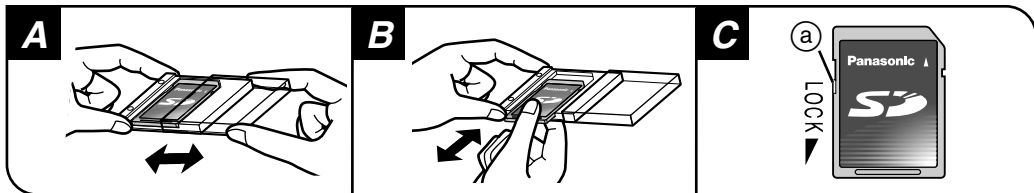
Nous vous remercions d'avoir arrêté votre choix sur cet appareil.

Précautions pour manipulation et rangement

- Tenir hors de la portée des enfants. Dans le cas d'ingestion, consulter un médecin immédiatement.
- Cette carte a été formatée selon les normes de la carte mémoire SD. S'il s'avérait nécessaire de la reformater, s'assurer d'utiliser un dispositif ou un logiciel conforme à ces normes. Le formatage de cette carte avec tout autre logiciel la rendrait non conforme causant ainsi des problèmes au niveau de la performance et de la compatibilité.
- Dès que la carte a été retirée de l'appareil, la ranger dans son étui.
- Ne pas démonter ou modifier.
- Ne pas plier, échapper ou mouiller.
- Ne jamais toucher aux bornes métalliques avec les mains ou tout objet métallique.
- Ne pas décoller l'étiquette sur la carte.
- Ne pas fixer d'étiquettes ou d'autocollants.
- Ne pas utiliser ou ranger dans un endroit exposé aux rayons directs du soleil, près d'une bouche de chaleur ou d'un appareil de chauffage.
- Ne pas utiliser ou ranger dans des endroits poussiéreux ou humides.
- Ne pas utiliser ou ranger dans des endroits exposés à des gaz corrosifs.

CE QUI SUIT NE S'APPLIQUE QU'AU CANADA

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



Removal and storage of the SD card

A Opening and closing the case

Hold the case with both hands when opening and closing it to prevent damage to the card.

B Removing and storing the card

Slide the card on the tray when removing and storing it. Ensure the card is correctly on the tray before closing the case.

Protecting your data

- Switch the write-protect switch (a-b) to "LOCK". Unlock when you want to record or edit the card again.
- Use an oil-based felt pen to write on the card. Do not use pencils or ballpoint pens as these can damage the card and data on it. Take care to keep the metal terminals free from ink.
- While data is being read or written, do not remove the card or turn off any equipment using the card. Do not remove the batteries from battery-operated equipment. These actions can cause data to be destroyed.
- Make backup copies of your data wherever possible.

Panasonic will not accept responsibility for any data loss, or loss directly or indirectly caused by data loss.

Specifications

Supplied accessories:

SD memory card case (1 pc.)

Capacities and transfer speeds:

| Card type | Capacity (bytes) | Speed (MB/s)* |
|-----------|------------------|---------------|
| 32 MB | 31,080,448 | 2 |
| 64 MB | 63,520,768 | |
| 128 MB | 128,352,256 | |
| 256 MB | 255,721,472 | 10 |
| 512 MB | 515,112,960 | |

*Actual speeds depend on the processing speed of your equipment and may be slower.

Interface: Standard SD memory card interface

Clock frequency: up to 25 MHz

Operating voltage: 2.7 V to 3.6 V

Dimensions (W×H×D): 24.0×32.0×2.1 mm
(¹²/₁₂₈" × 1³³/₁₂₈" × ¹/₁₂₈")

Mass: 2.0 g (0.07 oz)

- Specifications are subject to change without notice.
- Mass and dimensions are approximate.

Retrait et rangement de la carte SD

A Ouverture et fermeture de l'étui

Afin de prévenir tout dommage à la carte, tenir l'étui avec les deux mains lors de l'ouverture et la fermeture.

B Retrait et rangement de la carte

Faire glisser la carte sur le plateau lors du retrait pour la ranger. S'assurer que la carte est installée correctement sur le plateau avant de refermer l'étui.

Protection des données

- Faire glisser le commutateur de protection contre l'effacement (a-b) à "LOCK". Le déverrouiller pour enregistrer ou modifier des données.
- Utiliser un stylo feutre à base d'huile pour écrire sur la carte. Ne pas utiliser un crayon à mine ou un stylo à bille car ils pourraient endommager les données enregistrées sur la carte ainsi que la carte elle-même. S'assurer qu'aucune encre n'entache les bornes métalliques.
- Lors de la lecture ou de l'enregistrement de données, ne pas retirer la carte ou couper le contact sur l'appareil où la carte est utilisée. Si l'appareil fonctionne sur piles, ne pas les retirer. Une telle manipulation pourrait détruire les données.
- Si possible, effectuer des copies de sauvegarde des données.

Panasonic ne pourra être tenue responsable de toute perte de données ou de toute perte directement ou indirectement liée à une perte de données.

Données techniques

Accessoires fournis:

Étui pour carte mémoire SD (1)

Capacités mémoire et vitesses de transfert:

| Type de carte | Capacité (octets) | Vitesse (Mo/s)* |
|---------------|-------------------|-----------------|
| 32 MB | 31 080 448 | 2 |
| 64 MB | 63 520 768 | |
| 128 MB | 128 352 256 | |
| 256 MB | 255 721 472 | 10 |
| 512 MB | 515 112 960 | |

*La vitesse réelle dépend de la vitesse de traitement de l'appareil et peut être moindre.

Interface: Interface de carte mémoire SD standard

Fréquence de signal d'horloge: Jusqu'à 25 MHz

Tension de fonctionnement: 2.7 V à 3.6 V

Dimensions (L×H×P): 24,0×32,0×2,1 mm
(¹²/₁₂₈ po × 1³³/₁₂₈ po × ¹/₁₂₈ po)

Poids: 2,0 g (0,07 oz)

- Sujet à changements sans préavis.
- Le poids et les dimensions sont approximatifs.

FOR U.S.A.

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

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FAX.(787) 768-2910

Panasonic Limited Warranty

Panasonic Consumer Electronics Company or Panasonic Sales Company (collectively referred to as "The warrantor") will repair or replace this product with new or refurbished equivalent product, free of charge, in the U.S.A. or Puerto Rico from the date of original purchase in the event of a defect in materials or workmanship as follows:

For ninety (90) days—SD Memory Card—New SD card of the same memory capacity in exchange for a defective SD Card for ninety (90) days.

For assistance in the U.S.A. in obtaining service contact:

**Panasonic Services Company
Panasonic PLUS Department**
20421 84th Avenue South
Kent, WA 98032
Phone: 1-800-833-9626
FAX: 1-800-237-9080

If service is needed during the warranty period the purchaser will be required to furnish a sales receipt/proof of purchase indicating date of purchase.

Also, the purchaser will be responsible for shipping the unit to the above address. This warranty is extended only to the original purchaser.

For assistance in Puerto Rico contact, Panasonic Sales Company at the address or telephone number above.

This warranty only covers failures due to defects in materials or workmanship which occur during normal use and does not cover damage which occurs in shipment or failures which are caused by products not supplied by the warrantor or failures which result from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustments, improper maintenance, alteration, improper antenna, inadequate signal pick-up, maladjustment of consumer controls, modification, line power surge, or commercial use of the product, or damage that is attributable to acts of God, or service by anyone other than a PASC Factory Servicenter.

LIMITS AND EXCLUSIONS

There are no express warranties except as listed above. THE WARRANTOR SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING WITHOUT LIMITATION, DAMAGE TO TAPES, RECORDS OR DISCS. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. 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 above exclusions or limitations 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 Panasonic PLUS Department. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Department at the company address indicated above.

If you ship the product

Carefully pack and send it prepaid, adequately insured and preferably in the original carton. Attach a letter, detailing the complaint, to the outside of the carton.

Do NOT send the product to the Executive or Regional Sales offices. They are NOT equipped to make repairs.

Customer's Record

Model
No. _____

Dealer's
Name _____

Serial
No. _____

or

Code
No. _____

Dealer's
Address _____

Date
of
Purchase _____

FOR CANADA

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3

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, or at its option, replace the product for a period as stated below from the date of original purchase.

SD memory card—Ninety (90) days

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, mis-used 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, EXCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR 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 and information assistance, please contact your Dealer or our Customer Care Centre at: Telephone #: (905) 624-5505 Fax #: (905) 238-2360 Web: www.panasonic.ca

For product repairs, please contact one of the following:

- Your Dealer who will inform you of an authorized Servicentre nearest you.
- Our Customer Care Centre at (905) 624-5505 or www.panasonic.ca
- A Panasonic Factory Servicentre listed below:

Richmond, Calgary, Alberta Mississauga, Ontario Lachine, Québec

British Columbia

Panasonic Canada Inc. Panasonic Canada Inc. Panasonic Canada Inc. Panasonic Canada Inc.
13131 Bathgate Place 6835-8th St. N. E. 5770 Ambler Dr. 3075, rue Louis A. Amos
Richmond, BC Calgary, AB Mississauga, ON Lachine, QC
V6V 1Z3 T2E 7H7 L4W 2T3 H8T 1C4
Tel: (604) 278-4211 Tel: (403) 295-3955 Tel: (905) 624-8447 Tel: (514) 633-8684
Fax: (604) 278-5627 Fax: (403) 274-5493 Fax: (905) 238-2418 Fax: (514) 633-8020

CUSTOMER'S RECORD:

Customer Name: _____

Model Number: _____ Serial Number: _____

Date of Purchase: _____

Dealer's Name: _____

Address: _____ Phone Number: _____

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.

POUR LE CANADA

Panasonic Canada Inc.

5770 Ambler Drive, Mississauga, Ontario L4W 2T3

Certificat de garantie limitée Panasonic

Panasonic Canada Inc. garantit cet appareil contre tout vice de fabrication et accepte, le cas échéant, de remédier à toute défectuosité ou, à sa discrétion, de remplacer l'appareil pendant la période indiquée ci-dessous et commençant à partir de la date d'achat original.

Carte mémoire SD—Quarte-vingt-dix (90) jours

LIMITATIONS ET EXCLUSIONS

Cette garantie n'est valide que pour les appareils achetés au Canada et ne couvre pas les dommages résultant d'une installation incorrecte, d'un usage abusif ou impropre ainsi que ceux découlant d'un accident en transit ou de manipulation. De plus, si l'appareil a été altéré ou transformé de façon à modifier l'usage pour lequel il a été conçu ou utilisé à des fins commerciales, cette garantie devient nulle et sans effet. Les piles sèches ne sont pas couvertes sous cette garantie.

Cette garantie est octroyée à l'utilisateur original seulement. La facture ou autre preuve de la date d'achat original sera exigée pour toute réparation sous le couvert de cette garantie.

CETTE GARANTIE LIMITÉE ET EXPRESSE REMPLACE TOUTE AUTRE GARANTIE, EXPRESSE OU IMPLICITE, EXCLUANT LES GARANTIES IMPLICITES DU CARACTÈRE ADEQUAT POUR LA COMMERCIALISATION OU UN USAGE PARTICULIER.

PANASONIC N'AURA D'OBLIGATION EN AUCUNE CIRCONSTANCE POUR TOUT DOMMAGE DIRECT, INDIRECT OU CONSÉCUTIF.

Certaines juridictions ne reconnaissent pas les exclusions ou limitations de dommages indirects ou consécutifs, ou les exclusions de garanties implicites. Dans de tels cas, les limitations stipulées ci-dessus peuvent ne pas être applicables.

RÉPARATION SOUS GARANTIE

Pour de l'aide sur le fonctionnement de l'appareil ou pour toute demande d'information, veuillez contacter votre détaillant ou notre service à la clientèle au:

N° de téléphone: (905) 624-5505 N° de télécopieur: (905) 238-2360

Site internet: www.panasonic.ca

Pour la réparation des appareils, veuillez consulter:

- votre détaillant, lequel pourra vous renseigner sur le centre de service agréé le plus près de votre domicile;
- notre service à la clientèle au (905) 624-5505 ou www.panasonic.ca;
- un de nos centres de service de la liste ci-dessous:

Richmond, Calgary, Alberta Mississauga, Ontario Lachine, Québec

Colombie-Britannique

Panasonic Canada Inc. Panasonic Canada Inc. Panasonic Canada Inc. Panasonic Canada Inc.
13131 Bathgate Place 6835-8th St. N. E. 5770 Ambler Dr. 3075, rue Louis A. Amos
Richmond, BC Calgary, AB Mississauga, ON Lachine, QC
V6V 1Z3 T2E 7H7 L4W 2T3 H8T 1C4
Tel.: (604) 278-4211 Tel.: (403) 295-3955 Tel.: (905) 624-8447 Tel.: (514) 633-8684
Téléc.: (604) 278-5627 Téléc.: (403) 274-5493 Téléc.: (905) 238-2418 Téléc.: (514) 633-8020

Pour vos dossiers—Nom de l'utilisateur: _____

N° de modèle: _____ N° de série: _____

Date d'achat: _____

Nom du détaillant: _____

Adresse: _____ N° de téléphone: _____

Expédition de l'appareil à un centre de service

Emballer soigneusement l'appareil, de préférence dans le carton d'origine, et l'expédier port payé et assuré au centre de service.

Inclure la description détaillée de la panne et la preuve de la date d'achat original.