



# Panasonic®

## Operating Instructions Read Me First Tablet Computer

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Model No. **FZ-F1** series

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- Refer to the Operating Instructions – Basic Guide by downloading from the URL below  
URL:- [http://pc-dl.panasonic.co.jp/itn/manual/menu\\_en.html](http://pc-dl.panasonic.co.jp/itn/manual/menu_en.html)

**Thank you for purchasing a Panasonic product.**

Before operating this product, please read these instructions and precautions, and save them for future use.




For detailed information about this product, refer to the Reference Manual, which is available by flicking the Start screen to the left, and then tapping **[Online Manual]** in the All apps list. (Download required.)

# Safety Precautions




To reduce the risk of injury, loss of life, electric shock, fire, malfunction, and damage to equipment or property, always observe the following safety precautions.

## Explanation of symbol word panels

The following symbol word panels are used to classify and describe the level of hazard, injury, and property damage caused when the denotation is disregarded and improper use is performed.

 <b>DANGER</b>	Denotes potential hazards that will result in serious injury or death.
 <b>WARNING</b>	Denotes potential hazards that could result in serious injury or death.
 <b>CAUTION</b>	Denotes potential hazards that could result in minor injury.



The following symbols are used to classify and describe the type of instructions to be observed.

	This symbol is used to alert users to specific operating procedures that must not be performed.
	This symbol is used to alert users to specific operating procedures that must be followed in order to operate the product safely.
	This symbol is used to alert users to specific operating procedures for which special attention is required.




## Battery



	<p><b>The battery is for use solely with this product. Do not use it with any other products.</b></p> <p>Electrolyte leakage, overheating, smoke, rupture, or fire may result.</p>
	<p><b>Charge the battery using the specified method.</b></p> <p>Failure to do so may result in electrolyte leakage, overheating, smoke, rupture, or a fire.</p>
	<p><b>Do not throw the battery into a fire or expose it to excessive heat.</b></p> <p>Electrolyte leakage, overheating, smoke, rupture, or fire may result.</p>
	<p><b>Do not disassemble, modify, or insert sharp foreign objects into the battery.</b></p> <p>Electrolyte leakage, overheating, smoke, rupture, or fire may result.</p>
	<p><b>Do not short the positive (+) and negative (–) contacts. Do not carry the battery around or store it together with necklaces, hairpins, etc.</b></p> <p>Electrolyte leakage, overheating, smoke, rupture, or fire may result.</p>
	<p><b>Keep the battery away from extreme heat, such as fire and direct sunlight.</b></p> <p>Failure to do so may result in electrolyte leakage, overheating, smoke, rupture, or a fire.</p>
	<p><b>Do not expose the battery to water or other liquids.</b></p> <p>Electrolyte leakage, overheating, smoke, rupture, or fire may result.</p>







	<p><b>Do not throw the battery or subject it to strong impact such as dropping or applying high pressure.</b> Electrolyte leakage, overheating, smoke, rupture, or fire may result.</p> <ul style="list-style-type: none"> <li>• Stop using the product if the battery is subjected to strong impact or if the battery is noticeably damaged or deformed.</li> </ul>
	<p><b>If the battery deteriorates, replace it with a new one.</b> Failure to do so may result in electrolyte leakage, overheating, smoke, rupture, or a fire.</p>






## **WARNING**






	<p><b>Do not directly touch electrolyte that has leaked from the battery.</b> Electrolyte may enter the eyes and cause blindness, or may come into contact with skin or clothing and cause rashes.</p> <ul style="list-style-type: none"> <li>• Flush with clean water without rubbing and seek medical advice.</li> </ul>
	<p><b>Do not place the battery in microwave ovens or pressurized containers.</b> Sudden application of heat or pressure may damage the battery, resulting in electrolyte leakage, overheating, smoke, rupture, or a fire.</p>
	<p><b>If the battery smells or leaks electrolyte, keep the battery away from fire.</b> Failure to do so may result in electrolyte leakage, overheating, smoke, rupture, or a fire.</p>

## This product and charger








### **WARNING**

	<p><b>When using the product for extended periods, do not expose your skin to the product for a prolonged period.</b></p> <p>Generated heat can cause low-temperature burns.</p>
	<p><b>Do not disassemble, repair, or modify the product.</b></p> <p>This may cause the battery to short circuit or overheat, which may result in a fire or electric shock.</p>
	<p><b>Do not insert foreign objects into the product.</b></p> <p>This may cause the battery to short circuit or overheat, which may result in a fire or electric shock.</p>
	<p><b>Do not allow conductive materials such as metal objects to touch the expansion bus connector.</b></p> <p>This may cause a short circuit and overheating, which may result in battery electrolyte leakage, overheating, smoke, rupture, or a fire.</p>
	<p><b>Do not place the product in microwave ovens or electromagnetic cookers.</b></p> <p>Doing so may cause overheating, smoke, or rupture, which may result in a fire.</p>
	<p><b>Do not touch the product or charger during lightning storms if the product is connected to a charger.</b></p> <p>There is a remote chance of electric shock.</p>






	<p><b>Do not turn the volume up too loud when using headphones, etc.</b></p> <p>Listening at high volumes for extended periods may result in loss of hearing. Also, turn down the volume before connecting headphones, etc. to prevent sudden loud sounds.</p>
	<p><b>Keep SD cards and SIM cards out of the reach of infants and small children.</b></p> <p>Small objects are suffocation and choking hazards. In the event of accidental swallowing, seek medical help immediately.</p>
	<p><b>Do not operate the product while walking, driving, riding a bicycle, etc.</b></p> <p>Being distracted while engaging in these kinds of activities can cause accidents or falls.</p>
	<p><b>Do not use headphones, etc. while driving or in potentially dangerous areas or situations.</b></p> <p>Your inability to hear the sounds around you can cause accidents. Take special care at rail crossings, station platforms, roads, construction sites, etc.</p>
	<p><b>Use only specified batteries.</b></p> <p>Use of unspecified batteries may result in electrolyte leakage, overheating, smoke, rupture, or a fire.</p>

	<p><b><u>Immediately stop using the product if any of the following occurs.</u></b></p> <ul style="list-style-type: none"> <li>– <b>Product is damaged</b></li> <li>– <b>Water or foreign objects enter the product</b></li> <li>– <b>Product emits smoke</b></li> <li>– <b>Product emits unusual smell or sound</b></li> <li>– <b>Product becomes unusually hot</b></li> </ul> <p>Continuing use may result in a fire or electric shock. Immediately turn the product off, disconnect it from the power supply, remove the battery, and then contact your technical support representative.</p>
	<p><b>Close the headset jack cover and interface cover when using the product near water or other liquids, and in areas with a high concentration of moisture, steam, dust, oily vapors, etc.</b></p> <p>Foreign material that enters the product may cause fire or electric shock. If foreign material enters the product, turn the product off, disconnect it from the power supply, and then remove the battery. Contact your technical support representative for support or repair.</p>
	<p><b>Stop using the product immediately and consult your doctor if you feel any discomfort when staring at flashing lights on the screen.</b></p> <p>A very small percentage of individuals may experience seizures or blackouts when exposed to certain light patterns or flashing lights for extended periods.</p>
	<p><b>Do not look directly at the laser beam or point the barcode reader at another person's eyes.</b></p> <p>This may damage the eyes.</p>
	<p><b>Do not use the product near automatic control equipment such as automatic doors, fire alarms, etc.</b></p> <p>RF signals generated by the product may interfere with the proper operation of such equipment.</p>

## CAUTION

	<p><b>Do not leave the product in areas with a high concentration of moisture, steam, dust, oily vapors, etc. for extended periods.</b></p> <p>Foreign material that enters the product may cause a fire or electric shock.</p>
	<p><b>Do not move the product while the charger is connected.</b></p> <p>This may result in a fire or electric shock.</p>
	<p><b>Make sure not to charge the product when it is wet.</b></p> <p>This may result in a fire or electric shock.</p>
	<p><b>Do not leave the product in extremely high temperature environments for an extended period.</b></p> <p>Leaving the product where it will be exposed to extremely high temperatures, such as near fire or in direct sunlight, may deform the product or cause damage or malfunction to its internal components. Using the product in these conditions may cause short circuit, insulation defects, etc., which may in turn cause a fire or electric shock.</p>
	<p><b>Do not expose the skin to the product when using the product in hot or cold environments.</b></p> <p>Burns, low-temperature burns, or frostbite may result. If direct contact with the skin is necessary, perform the operation as quickly as possible.</p>
	<p><b>Do not place the product on an unstable surface.</b></p> <p>The product may drop, resulting in an injury.</p>
	<p><b>Do not stack the product.</b></p> <p>If balance is lost, the product may fall over or drop, resulting in an injury.</p>



	<p><b>Do not look directly at the light emitter, or point the flash or barcode reader at another person's eyes.</b></p> <p>This may damage the eyes or cause temporary loss of eyesight which could result in an accident.</p>
	<p><b>Keep away from magnetic sources such as watches and magnetic cards.</b></p> <p>Failure to do so may cause data corruption or device malfunction.</p>
	<p><b>For safety purposes, pull the plug when cleaning the product or if you will not use it for extended periods.</b></p> <p>Failure to do so may result in a fire or electric shock.</p>
	<p><b>If the display is damaged, be careful of broken glass or internal components that may become exposed.</b></p> <p>Failure to do so can cause injury.</p>
	<p><b>Take a 10–15 minute break every hour when using the product.</b></p> <p>Using the product continuously for extended periods may cause strain injuries and may have detrimental health effects on your eyes, hands, or other parts of your body.</p>

# Regulatory Information

## **This product and your health / Ce produit et votre santé**

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This product, like other radio devices, emits radio frequency electromagnetic energy. Because this product operates within the guidelines found in radio frequency safety standards and recommendations, we believe this product is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature. In some situations or environments, the use of this product may be restricted by the proprietor of the building or responsible representatives of the organization. These situations may for example include:

- Using this product on board of airplanes, or
- In any other environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless devices in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use this product prior to turning on the product.

Ce produit émet, comme d'autres appareils radio, de l'énergie électromagnétique à radiofréquence. Ce produit fonctionne selon les directives des normes et recommandations de sécurité en matière de radiofréquences, nous pensons donc qu'il peut être utilisé en toute sécurité par les consommateurs. Ces normes et recommandations sont le reflet du consensus de la communauté scientifique et résultent de délibérations de panels et de commissions de scientifiques qui consultent et interprètent en permanence les nombreux documents de recherche. Dans

certaines situations ou dans certains environnements, l'utilisation du produit peut être limitée par le propriétaire des lieux ou par les représentants responsables de l'entreprise. Ces situations peuvent inclure :

- l'utilisation du produit en avion ou
- dans tout autre environnement où le risque d'interférences au niveau d'autres appareils ou services est perçu ou identifié comme étant dangereux.

Si vous n'êtes pas sûr de la politique qui s'applique à l'utilisation d'appareils sans fil dans une entreprise ou un environnement spécifique (aéroports, par exemple), nous vous prions de bien vouloir demander l'autorisation avant d'allumer le produit.

## **Information to the user / Avis aux utilisateurs**

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We are not responsible for any radio or television interference caused by unauthorized modification of this product. The correction of interference caused by such unauthorized modification will be the responsibility of the user. We and our authorized resellers or distributors are not liable for damage or violation of government regulations that may arise from failing to comply with these guidelines.

Nous ne pouvons être tenus responsables des interférences au niveau de la radio ou de la télévision causées par des modifications non autorisées du produit. La correction des interférences causées par de telles modifications non autorisées relève de la responsabilité de l'utilisateur. Nous et nos revendeurs et distributeurs agréés ne pouvons être tenus responsables pour les dommages ou les violations de réglementations gouvernementales qui peuvent survenir dans le cadre du non-respect des présentes directives.

## **Additional safety precautions**

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### **Posted facilities**

- Turn off the product when in hospitals, health care facilities, or any facility where posted notices require you to do so. Hospitals and health care facilities may be using equipment that could be sensitive to external RF energy.

### **Pacemakers**

- Medical device manufacturers recommend a minimum separation of 15 cm between a wireless device and an implanted medical device, such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device.
- Persons with pacemakers:
  - Should ALWAYS keep this product more than 15 cm from their pacemaker when this product is turned ON;
  - Should use the ear opposite the pacemaker to minimize the potential for interference;
  - Should not carry this product in a breast pocket;
  - Should turn off the product immediately if there is any reason to suspect that interference is taking place.

### **Hearing aids**

- Some digital wireless products may interfere with some hearing aids. In the event of such interference, consult the manufacturer of your hearing aid to discuss alternatives.

### **Other medical devices**

- If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

## **Aircraft**

- Turn off the product after boarding an aircraft, when instructed by flight staff. Obey instructions from flight staff regarding the use of the product in flight. Using this product in an aircraft may be hazardous to the aircraft's operation and disrupt wireless communication, and may also be illegal.

## **Potentially explosive atmosphere**

- Turn off the product in areas where a potentially explosive atmosphere exists and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in injury or even death.
- Areas with potentially explosive atmosphere may include fueling areas, chemical plants, below deck on boats, fuel or chemical transfer or storage facilities, vehicles using petroleum or natural gas, or areas where the atmosphere contains particles such as grain, dust, or metallic powders, and any other area where you would normally be advised to turn off your vehicle engine.

## **Electronic devices**

- This product receives and transmits radio frequency signals while switched on. Most electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from this product. Therefore, the use must be restricted in certain situations to avoid interference.

## **Driving**

- Give full attention to driving. Driving safely is your first responsibility.
- Pull off the road and park before placing or answering a call. It is unsafe to operate the product while driving.
- Check the laws and regulations in the areas where you drive, and always obey them.

- Only qualified personnel should install the product in a vehicle. Check regularly that the product is securely mounted in your vehicle and operating properly.
- Do not place or install the product in the area over the air bag or in the air bag deployment area. If the air bag inflates, serious injury and/or damage could result.
- RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Consult the manufacturer (or its representative) of the vehicle and any equipment that has been added to the vehicle regarding the use of mobile products.
- Use hands-free operation, if available and legally permitted.

### **Emergency communications**

- Never rely solely on a mobile product for essential or emergency communications. Network connections can be affected by remaining battery level, radio signals, service networks, and other conditions, and as a result, emergency communications cannot be guaranteed in all conditions.

### **Antenna**

- Do not replace the antenna. Unauthorized antennas, modifications, or attachments could damage the product and may violate regulations.
- Do not touch or cover the antenna area while the product is on. Call quality, power levels, and the overall performance of the product may be affected.

### **Volume**

- Do not turn the volume up too loud when using headphones and earphones.
- Exposure to excessive sound pressure levels for extended periods may cause hearing damage.
- Being unable to hear sounds in your environment may lead to accidents.

## Intended use

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- This product is not intended for use as, or as part of, nuclear equipment/systems, air traffic control equipment/systems, aircraft cockpit equipment/systems<sup>\*1</sup>, medical devices or accessories<sup>\*2</sup>, life-support systems or other equipment/devices/systems that are involved with ensuring human life or safety. Panasonic will not be responsible for any liability resulting from the use of this product arising out of the foregoing uses.
  - \*1 Aircraft cockpit equipment/systems include Class 2 Electrical Flight Bag (EFB) Systems and Class 1 EFB Systems when used during critical phases of flight (e.g., during take-off and landing) and/or mounted on to the aircraft. Class 1 EFB Systems and 2 EFB Systems are defined by FAA: AC (Advisory Circular) 120-76A or JAA: JAA TGL (Temporary Guidance Leaflets) No.36.
  - \*2 As defined by the European Medical Device Directive (MDD) 93/42/EEC.
- Panasonic cannot guarantee any specifications, technologies, reliability, safety (e.g., Flammability/Smoke/Toxicity/Radio Frequency Emission, etc.) requirements related to aviation standards and medical equipment standards that differ from the specifications of our COTS (Commercial-Off-The-Shelf) products.
- This product is not intended for use in medical equipment including life-support systems, air traffic control systems, or other equipment, devices or systems that are involved with ensuring human life or safety. Panasonic cannot be held responsible in any way for any damages or loss resulting from the use of this unit in these types of equipment, devices or systems, etc. This product has been designed so as to minimize shock to the LCD, the leakage of liquid (e.g., water) on to the buttons, etc., but no warranty is provided against such trouble. Therefore, as a precision instrument, be extremely careful in the handling of the product.

## **For USA**

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### **FCC Part 15 information**

This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product and receiver.
- Connect the product to 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.

### **FCC caution**

To assure continued FCC emission limit compliance, use only shielded interface cables when connecting to computer or peripheral devices.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This product complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This product may not cause harmful interference, and
2. This product must accept any interference received, including interference that may cause undesired operation.



## **FCC RF exposure information**

This product meets the government's requirements for exposure to radio waves. This product is a radio transmitter and receiver.

This product is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies.

The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model.

The highest SAR value for this product can be found under Basic Guide of

[http://pc-dl.panasonic.co.jp/itn/manual/menu\\_en.html](http://pc-dl.panasonic.co.jp/itn/manual/menu_en.html)

For body-worn operation, this product has been tested and meets FCC RF exposure guidelines when used with a Panasonic accessory designated for this product and when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.0 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

The FCC has granted an Equipment Authorization for this product with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines.

SAR information on this product is on file with the FCC and can be found by searching for the product's FCC ID number at

<http://www.fcc.gov/oet/ea/fccid>. To find the FCC ID number for your product, first remove the battery pack. The FCC ID number is printed on the nameplate underneath.

## **Wi-Fi® use**

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this product.

Do not use in the vicinity of these high power radar systems.

## **Using hearing aids with mobile devices**

When some wireless mobile devices are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate. In the event of interference you may want to consult your hearing aid supplier to discuss solutions.

The wireless telephone industry has developed ratings for some of their mobile devices, to assist hearing device users in finding mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs. M-Ratings: Mobile devices rated M3 or M4 are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Mobile devices rated T3 or T4 are likely to be more usable with a hearing device's telecoil ("T-Coil Switch" or "Telephone Switch") than unrated mobile devices. T4 is the better/higher of the two ratings. (Note that the hearing aid telecoil must be activated in order for it to function, and that not all hearing devices have telecoils in them.)

Hearing devices may also be measured for immunity to this type of interference. Your hearing device manufacturer or hearing health professional may help you find results for your hearing device. The

more immune your hearing aid is, the less likely you are to experience interference noise from mobile devices. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

### **Hearing aid compatibility**

This mobile device has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this mobile device that have not been tested yet for use with hearing aids. It is important to try the different features of this mobile device thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this mobile device for information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or mobile retailer.

### **Responsible party**

Panasonic Corporation of North America  
Two Riverfront Plaza, Newark, NJ 07102, USA  
Support contact:  
<http://business.panasonic.com/support-computerstables>

### **Disposal**

USA Only: Disposal may be regulated in your community due to environmental considerations.  
For disposal or recycling information, please visit Panasonic website:  
<http://www.panasonic.com/environmental> or call 1-888-769-0149.

### **TTY information**

For hearing or speech impaired TTY users, call 1-877-833-8855 using a TTY device.

## **For Canada / Pour le Canada**

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### **Innovation, Science and Economic Development Canada**

This device complies with Industry Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

### **Innovation, Sciences et Développement économique Canada**

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

### **Wi-Fi use**

This product (local network devices) for the band 5150- 5250 MHz is only indoor usage to reduce potential for harmful interference to cochannel Mobile Satellite systems. High power radars are allocated as primary users (meaning they have priority) of 5250-5350 MHz and 5650-5850 MHz and these radars could cause interference and/or damage to LE-LAN (licence-exempt local area network) devices.

### **Utilisation Wi-Fi**

Ce produit (appareils pour réseaux locaux) pour les bandes de fréquences 5 150-5 250 MHz est réservé à une utilisation à l'intérieur afin de réduire le risque d'interférence avec les systèmes satellites mobiles utilisant les mêmes canaux. Les radars forte puissance sont désignés comme étant les premiers utilisateurs (c'est-à-dire qu'ils ont la priorité) des bandes de

fréquences 5 250-5 350 MHz et 5 650-5 850 MHz. Ces radars peuvent provoquer des interférences et/ou des dommages aux dispositifs LAN-EL (réseaux locaux exempts de licence).

### **RF exposure information**

This product complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment. This product is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radiofrequency (RF) energy set by Industry Canada. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by Industry Canada is 1.6 W/kg. The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by Industry Canada for each model.

The highest SAR value for this product can be found under Basic Guide of

[http://pc-dl.panasonic.co.jp/itn/manual/menu\\_en.html](http://pc-dl.panasonic.co.jp/itn/manual/menu_en.html)

For body-worn operation, this product has been tested and meets the RF exposure guidelines when used with a Panasonic accessory designated for this product and when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.0 cm from the body. Use of other accessories may not ensure compliance with the RF exposure guidelines.

### **Information sur l'exposition aux radiofréquences (RF)**

Ce produit est conforme aux limites d'exposition d'Industrie Canada établies pour un environnement non contrôlé. Ce produit est un émetteur-récepteur radio. Il a été conçu et fabriqué de

façon à ne pas dépasser les limites d'émission établies par Industrie Canada pour l'exposition à l'énergie des radiofréquences (RF).

Ces directives sont fondées sur des normes élaborées par des organisations scientifiques indépendantes au moyen d'une évaluation périodique et rigoureuse d'études scientifiques. Ces normes comprennent une marge de sécurité substantielle conçue pour assurer la sécurité de toutes les personnes, quel que soit leur âge ou leur état de santé. La norme d'exposition pour les combinés sans fil utilise une unité de mesure appelée débit d'absorption spécifique ou DAS. La limite DAS fixée par Industrie Canada est de 1,6 W/kg. Les essais portant sur le DAS sont effectués en utilisant les positions et les emplacements d'utilisation (par ex. au niveau de l'oreille et porté au niveau du corps) spécifiés par Industrie Canada pour chaque modèle.

Les valeurs de DAS les plus élevées obtenues pour ce produit se trouvent dans le Guide de base à l'adresse

[http://pc-dl.panasonic.co.jp/itn/manual/menu\\_en.html](http://pc-dl.panasonic.co.jp/itn/manual/menu_en.html)

Pour l'utilisation lorsque l'appareil est porté sur soi, ce produit a été testé et déclaré conforme aux directives d'exposition aux radiofréquences (RF) dans le cas d'une utilisation avec un accessoire Panasonic conçu pour ce produit et dans le cas d'une utilisation avec un accessoire ne contenant pas de métal et qui maintient l'appareil mobile à une distance d'au moins 1,0 cm du corps. En cas d'utilisation avec d'autres accessoires, il est possible que la conformité aux directives d'exposition aux radiofréquences (RF) ne soit pas assurée.

## General information / Informations générales

### CAUTION / ATTENTION

Risk of explosion if battery is replaced by an incorrect type.  
Dispose of used batteries according to the instructions.

Il y a risque d'explosion si la batterie est remplacée par une batterie de type incorrect.

Mettre au rebut les batteries usagées conformément aux instructions.

### Recycle information / Informations de recyclage




A lithium ion battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY for information on how to recycle this battery.

L'appareil que vous vous êtes procuré est alimenté par une batterie au lithium-ion. Pour des renseignements sur le recyclage de la batterie, veuillez composer le 1-800-8-BATTERY.

### Explanation of graphical symbols on nameplate / Explications relatives aux symboles graphiques présents sur la plaque signalétique

~ : Alternating current / courant alternatif

=== : Direct current / courant continu

 : Class II equipment / équipement de classe II

## **Laser device caution / Mise en garde concernant les appareils laser**

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### **CAUTION!**

THIS PRODUCT UTILIZES A LASER.

USE OF CONTROLS, ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF.

REFER SERVICING TO QUALIFIED PERSONNEL.

This product is using lasers that comply with DHHS RULE 21 CFR CHAPTER I, SUBCHAPTER J and IEC 60825-1:2007 regulations.

This product utilizes a "Class 2" laser.

Class 2 laser readers use a low power, visible diode. As with any very bright light source, such as the sun, the user should avoid staring directly into the light beam. Momentary exposure to a Class 2 laser is not known to be harmful.

Caution: Procedures other than those specified herein may result in hazardous radiation exposure.



## ATTENTION !

CE PRODUIT UTILISE UN LASER.

L'UTILISATION DE COMMANDES OU DE RÉGLAGES OU L'EXÉCUTION DE PROCÉDURES AUTRES QUE CEUX INDiquÉS ICI PEUT ENTRAÎNER L'EXPOSITION À DES RADIATIONS DANGEREUSES.

N'OUVREZ PAS LES CACHES ET NE PROCÉDEZ PAS AUX RÉPARATIONS VOUS-MÊME.

CONFIEZ L'ENTRETIEN À DU PERSONNEL QUALIFIÉ.

Ce produit utilise des lasers conformes aux réglementations CEI 60825-1:2007.

Ce produit utilise un laser de classe 2.

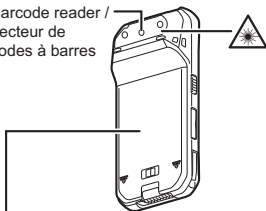
Les lecteurs laser de classe 2 utilisent une diode visible de faible puissance. Comme avec toute source de lumière très vive, telle que le soleil, l'utilisateur doit éviter de regarder directement le faisceau lumineux. L'exposition momentanée à un laser de classe 2 n'est pas connue comme étant dangereuse.

Attention : les procédures autres que celles indiquées ici peuvent entraîner l'exposition à des radiations dangereuses.

## Labeling and device location / Étiquetage et emplacement de l'appareil

(The product illustration is shown with the Battery Pack (FZ-VZSUN110U) installed. / Le produit est représenté avec le bloc de batteries (FZ-VZSUN110U) installé.)

Barcode reader /  
Lecteur de  
codes à barres



When the Battery Pack (FZ-VZSUN110U) is installed:  
Lorsque le bloc de batteries (FZ-VZSUN110U) est installé :

**LASER RADIATION** DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT  
**RAYONNEMENT LASER** NE PAS REGARDER DANS LE FAISCEAU APPAREIL À LASER DE CLASSE 2  
1 mW MAX Approx./Environ 10 ms 630-680 nm IEC 60825-1:2007 CEI 60825-1:2007

When the Extended Life Battery Pack (FZ-VZSUN120U) is installed:

Lorsque le bloc de batteries à durée de vie prolongée (FZ-VZSUN120U) est installé :

**レーザー放射** **ビームをのぞき込まないこと**  
**クラス2 レーザー製品** 最大 1 mW 約 10 ms 630-680 nm  
JIS C 6802 (2014 年発行)

**LASER RADIATION** DO NOT STARE INTO BEAM CLASS 2 LASER PRODUCT  
**RAYONNEMENT LASER** NE PAS REGARDER DANS LE FAISCEAU APPAREIL À LASER DE CLASSE 2  
1 mW MAX Approx./Environ 10 ms 630-680 nm IEC 60825-1:2007 CEI 60825-1:2007  
IEC 60825-1:2014 CEI 60825-1:2014

**Laser radiation information**

- Wavelength: 630-680 nm
- Pulse duration: approx. 10 msec
- Repetition rate: approx. 1000/18 Hz
- Maximum power: 1 mW max
- Aiming pattern angle: 48.0° horizontal, 38.0° vertical

**Informations sur les rayonnements laser**

- Longueur d'onde : 630-680 nm
- Durée d'impulsion : environ 10 ms
- Fréquence de répétition : environ 1000/18 Hz
- Puissance max. : 1 mW max
- Angle de visée : 48,0° horizontal, 38,0° vertical

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  - (i) encoding video in compliance with the MPEG-4 Visual Standard ("MPEG-4 Video") and/or
  - (ii) decoding MPEG-4 Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed by MPEG LA to provide MPEG-4 Video.No license is granted or shall be implied for any other use.

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  - (ii) decode AVC Video that was encoded by a consumer engaged in a personal activity and/or was obtained from a video provider licensed to provide AVC Video.No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, L.L.C. See <http://www.mpegla.com>.
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  - (i) encode video in compliance with the VC-1 Standard ("VC-1 Video") and/or
  - (ii) decode VC-1 Video that was encoded by a consumer engaged in a personal and non-commercial activity and/or was obtained from a video provider licensed to provide VC-1 Video.No license is granted or shall be implied for any other use. Additional information may be obtained from MPEG LA, L.L.C. See <http://www.mpegla.com>.
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# Accessories

<b>Product name</b>	<b>Model number</b>
<b>AC Adaptor</b>	CF-AA6373A
<b>Battery Pack</b>	FZ-VZSUN110U FZ-VZSUN120U
<b>Cradle</b>	FZ-VEBN111
<b>Charging Cup</b>	FZ-VCBN11U
<b>Holster</b>	FZ-VSTN12U
<b>Hand Strap</b>	FZ-VSTN11U
<b>4-Bay Cradle</b>	FZ-VEBN121
<b>4-Bay Battery Charger</b>	FZ-VCBN121



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