



PRELIMINARY

Safety First

Your new phone is a convenient and effective communications tool, but it can be hazardous when used improperly. To avoid harming yourself or anyone else, please review the following information before using your phone.

Batteries

Batteries can cause property damage, injury, or burns if the terminals are touched with a conductive material (for example, metal jewelry, keys, and so on). Therefore, use caution when handling a charged battery. Additional precautions and notes are listed below:

- Never throw a battery into a fire; it may explode.
- Fully recharge the battery if the battery is low or as soon as the low-battery alert beeps.
- Do not drop the battery.
- Do not bridge battery contacts together with metallic objects.
- Do not remove the battery from the phone while the phone is powered on. Settings you have changed may revert to their previous settings.

A recyclable lithium ion/polymer battery powers your phone. Please call 1-800-8-BATTERY for information on how to recycle the battery.

Charging Devices

Use only Genuine Panasonic charging accessories. Use of attachments not recommended by Panasonic or your wireless service provider may result in fire, electrical shock, or injury. Panasonic is not responsible for damage caused by using non-Panasonic accessories.

- Do not expose charging adapters to moisture, water, or the weather.
- Do not use an adapter with a damaged cord.

When using a DC adapter in an automobile, a small amount of electricity flows through the adapter, even if the phone is turned off. Remove the plug from the cigarette lighter whenever the phone will be left in the vehicle for long periods of time.

Caution: The cigarette lighter must have a 12V negative ground socket. Do not use the adapter in a vehicle that has a positive ground system.



PRELIMINARY

General

- Do not use the phone in extreme temperature or humidity. The specified operating temperature range is -22°F to +140°F (-30°C to +60°C).
- Do not expose the phone (particularly the display) to direct sunlight for extended periods of time.
- Do not attempt to disassemble the phone. There are no user-serviceable parts inside.
- Do not expose the phone to rain or spill liquids on it.
- Do not carry the phone by holding the antenna.
- Do not use any accessories other than those designed for use with your phone.
- Use of attachments not recommended or sold by your wireless service provider may result in fire, electrical shock, or injury.
- Panasonic cannot be held responsible for damages caused by using non-Panasonic accessories.

Availability of Service

This phone, like any wireless phone, operates using radio signals, wireless and landline networks, and user-programmed functions. Because of this, connection in all conditions cannot be guaranteed. Therefore, you should never rely solely on any wireless phone for essential communications (for example, medical emergencies). When operating in analog mode, the service area where you can place and receive calls will be smaller than with other phones.

Emergency (911) Service

If you need to make an emergency (911) call, power the phone on, dial 911, and press SEND. Emergency calls can be made regardless of lock setting.

Note: When you purchase your phone, the 9 key is programmed as a Super Dial key to call the emergency number 911. However, you have to enable this key assignment before you can use it.

Remember, to make or receive any call, the phone must be switched on and in a service area that has adequate signal strength. Emergency calls might not be possible on all wireless phone networks or when certain network service and/or phone features are in use.



PRELIMINARY



Safety Tips

Following the suggestions in this section will help ensure safe and efficient operation of your Panasonic phone.

This Model Phone Meets The Government's Requirements For Exposure To Radio Waves.

Your wireless phone 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 the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. 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 mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. Tests for SAR are conducted using standard operating positions specified by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a phone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by the government-adopted requirement for safe exposure. 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 model phone when tested for use at the ear is 0.682 W/kg and when worn on the body, as described in this user guide, is 0.757 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements). While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement for safe exposure.



PRELIMINARY

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID NWJ22B002A.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications Industry Association (CTIA) web-site at <http://www.wow-com.com>.

Caution: All Panasonic branded accessories are tested and comply with FCC RF exposure requirements. Non-Panasonic accessories may not comply.

Body-Worn Operation

This device was tested for typical body-worn operations using the belt-clip Model: EB-YKX70.

This device was also tested for body-worn operations with the back of the phone kept 1.5 cm. from the body. To maintain compliance with FCC RF exposure requirements, use only belt-clips, holsters or similar accessories that maintain a 1.5 cm. separation distance between the user's body and the back of the phone, including the antenna, whether extended or retracted. The use of belt-clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

Antenna Care

Do not use the phone with a damaged antenna.

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone and may violate FCC regulations.

Phone Operation

Normal Position: Hold the phone as you would any other telephone, with the antenna pointed up and over your shoulder.

For Efficient Operation: For your phone to operate most efficiently, do not touch the antenna unnecessarily when the phone is in use. Contact



PRELIMINARY

with the antenna affects call quality and may cause the phone to operate at a higher power level than otherwise needed.

Driving

Important: Check the laws and regulations on the use of wireless telephones in the areas where you drive. Always obey them. Also, if using your phone while driving:

- Give full attention to driving—driving safely is your first responsibility;
- Use handsfree operation, if available;
- Pull off the road and park before making or answering a call if driving conditions so require.

Electronic Devices

Most modern electronic equipment is shielded from RF signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless phone.

Pacemakers: The Health Industry Manufacturers Association recommends that a minimum separation of 6 inches (6") or 15 centimeters (15 cm) be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with independent research and recommendations of Wireless Technology Research.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON;
- Should not carry the phone in a breast pocket;
- Should use the ear opposite the pacemaker to minimize the potential for interference;
- If you have any reason to suspect that interference is taking place, turn your phone OFF immediately.

Hearing Aids: Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

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.



PRELIMINARY

Turn your phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles: RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities: Turn your phone OFF in any facility where posted notices so require.

Aircraft

FCC regulations prohibit using your phone while in the air; switch off your phone before boarding an aircraft unless otherwise advised by airline personnel.

Blasting Areas

To avoid interfering with blasting operations, turn your phone OFF when in a "blasting area" or in other areas posted: "Turn off two-way radio." Obey all signs and instructions.

Potentially Explosive Atmospheres

Turn your phone OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or particles, such as grain, dust or metal powders; and any other area where you would normally be advised to turn off your vehicle engine.





PRELIMINARY

For Vehicles Equipped with an Air Bag

An air bag inflates with great force. DO NOT place objects, including both installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

For U.S. Customers: Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58).

For a copy of this standard, contact the National Fire Protection Association,
One Batterymarch Park,
PO Box 9101, Quincy, MA 02269.
E-mail address: Custserv@NFPA.org.
Web site: www.nfpa.org.

Refer to Appendix C for the FDA Consumer Update on Mobile Phones published by the U.S. Food and Drug Administration.

FCC Compliance

FCC ID: NWJ22B002A

To comply with the applicable sections of FCC Rules and Regulations, Parts 15 and 24, please follow these instructions:

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the grantee of this device could void the user authority to operate the equipment.