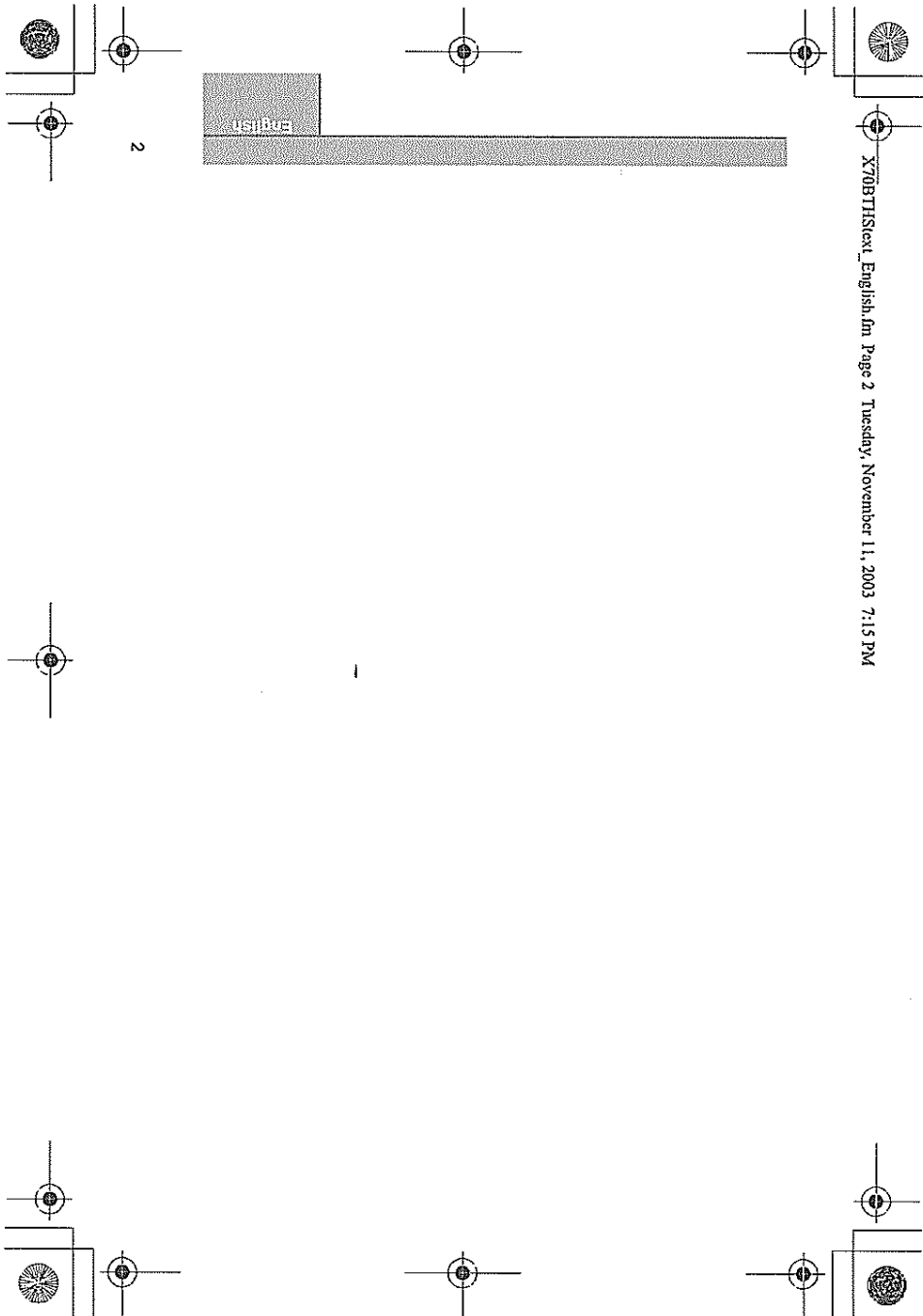


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Some of the services in this manual are not supported by all networks. This also applies to the GSM International Emergency Number 112.
Contact your network operator or service provider if you are in doubt whether you can use a particular service or not.
Emergency call can not be made when SIM is not installed.
It depends on the phone.

English Contents

English

Important Information

Thank you for purchasing this Panasonic headset. Please ensure the battery is fully charged before use. To which this declaration relates is in conformity with the appropriate standards EN 300 328 and EN 301 489-7 following the provisions of Radio Equipment and Telecommunication Equipment directive 1995/5/EC with requirements covering EMC directive 89/336/EEC and Low Voltage directive 73/23/EEC.

Safety Considerations

The following information should be read and understood as it provides details which will enable you to operate your headset in a manner which is both safe to you and your environment, and conforms to legal requirements regarding the use of headset.



This equipment should only be charged with approved charging equipment to ensure optimum performance and avoid damage to your headset. Other usage will invalidate any approval given to this apparatus and may be dangerous. Ensure the voltage rating of the Travel Charger is compatible with the area of use when travelling abroad.

A Travel Charger EB-CAX70xx is supplied with the Main Kit.

NOTE: xx identifies the charger region.



Switch off your headset when in an aircraft. The use of headsets in an aircraft may be dangerous to the operation of the aircraft. Failure to observe this instruction may lead to the suspension or denial of headset services to the offender, or legal action or both.



It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Never expose the battery to extreme temperatures (in excess of 45°C).



Care must be taken when using the headset in close proximity to personal medical devices, such as pacemakers and hearing aids.

English



For most efficient use hold the headset as you would any normal headset. Unauthorised modifications or attachments may damage the headset and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

This equipment should only be used with Panasonic approved accessories to ensure optimum performance and avoid damage to your headset. Panasonic is not responsible for damages caused by using non-Panasonic approved accessories.

This Panasonic headset is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU and USA FCC.

Please refer to our website for latest information/standards and compliance in your country/region of use.
<http://www.panasonicmobile.com>

Standards New Zealand



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



Important Information

English

5

Care and Maintenance



Extreme temperatures may have a temporary effect on the operation of your headset. This is normal and does not indicate a fault.



Do not modify or disassemble the equipment. There are no user serviceable parts inside.



Do not subject the equipment to excessive vibration or shocks.



Avoid contact with liquids. If the equipment becomes wet, contact your dealer.



Do not leave the equipment in direct sunlight or a humid, dusty or hot area. Never throw a battery into a fire. It may explode.



Keep metallic items that may accidentally touch the terminals away from the equipment/battery. Batteries can cause property damage, injury or burns if terminals are touched with a conductive material (i.e. metal jewellery, keys, etc.).



Always charge the battery in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery if it is outside this temperature range.



When connecting the headset to an external device, read the operating instructions of the equipment for the correct connection and safety precautions. Ensure the headset is compatible with the product it is being connected to.



When disposing of any packing materials or old equipment check with your local authorities for information on recycling.

English

Introduction

This EB-BHX70 Headset can be connected without wires to a compatible phone that supports Bluetooth® wireless technology. This gives you complete freedom for making and receiving calls while on the move or at the office. Read this user's guide carefully before using the headset. More detailed information is provided by your phone's own user's guide. Do not use this Bluetooth Headset (EB-BHX70) user's guide in place of your phone's user's guide, which provides important safety and maintenance information.

Chargers and batteries

Check the model number of any charger before using it with this device. The *Bluetooth* Headset EB-BHX70 is intended for use with the following chargers: EB-CAX70, EB-CDX70

Warning! Use only batteries and chargers approved by Panasonic for use with this particular accessory. The use of any other types will invalidate any approval or warranty applying to the accessory, and may be dangerous.

For availability of approved batteries and chargers, please check with your local dealer. When you disconnect the power cord of any accessory, grasp and pull the plug, not the cord.

How can I use my headset?

You can connect your EB-BHX70 headset to your mobile phone or PC - or any device with *Bluetooth* wireless technology that supports the Headset profile or the Handsfree profile. This user's guide focuses on how to use the headset with your mobile phone. You need to have a phone with built-in *Bluetooth* capability, or a phone with a *Bluetooth* adapter connected to it. When the headset is connected to your mobile phone, you can use voice control to make calls (if your phone supports this function). The phone can be tucked away in your pocket or in a bag. You can handle incoming and outgoing calls, and adjust the volume, using the buttons on the headset.

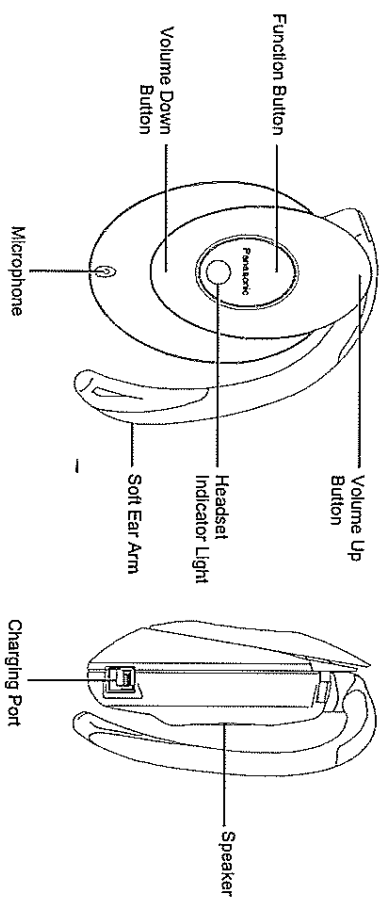
Introduction

English

Headset Overview

Front

Side



Headset Overview

Feature	Function
Function Button	Controls all headset functions.
Volume Up Button	Increases speaker volume.
Volume Down Button	Decreases speaker volume.
Headset Indicator Light	Provides visual cue about headset status (BLUE/RED).
Microphone	Pick up your voice input.
Soft Ear Arm	Attaches headset to right or left ear.
Speaker	Play the sound or voice.
Charging Port	Connects the plug for battery charger.

Getting Started

Before you can use your headset, you must first:

- Charge the headset battery, using an appropriate Panasonic X70 charger
- Pair the headset with a device, for example, a mobile phone.

Compatible Panasonic X70 chargers:

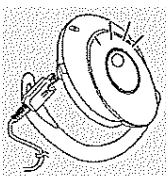
- Travel Charger (AC adaptor) ----- EB-CAX70
- In Car Charger (DC adaptor) ----- EB-CDX70

Charging the Battery

- Use the EB-CAX70 or EB-CDX70.
- Read the instruction manual carefully.
- Avoid using in extremely high or low temperatures conditions.
(Use within a temperature range of 5°C-35°C)

STEP:

- 1 Plug the AC adaptor or DC adaptor to the charging port of the headset.
- 2 When start charging, the RED indicator will light.



Operation of Battery Level Indicator

When the battery level is full, the RED indicator will be turned off.

Low Battery Warning

When the battery charge falls low

When the battery is running out of power, the headset beeps every 30 seconds and the RED indicator flash twice every 5 seconds. Charge the battery as described above.
This warning will be appeared only when phone is in idle mode.

English

Putting on the headset

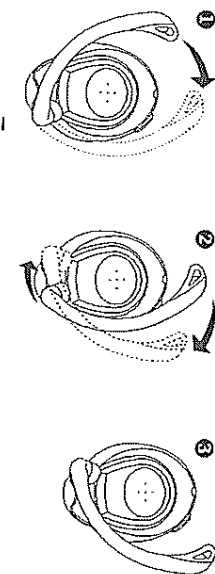
STEP:

- 1 Place the ear hook behind your ear.
- 2 Make sure the microphone is pointing towards your mouth.

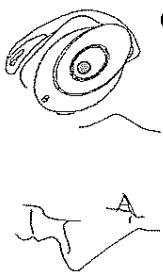
Using the headset

Once you have paired the headset with your phone, you can make and receive calls using the headset as long as it is turned on and within range of the phone - up to 10 m (30 ft) outdoors or up to 5 m (15 ft) indoors with no solid objects in between. For best performance, use the headset and phone in the same room.

To adjust the ear hook for left-ear use:



2



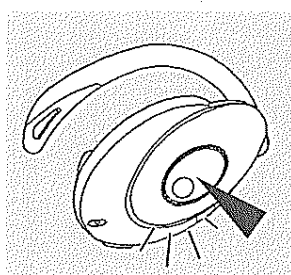
Basic Operation

Turn headset ON

Hold down the function button for 3 seconds. The user will hear beeps (low tone to high tone). The BLUE headset indicator will blink once, indicating that the headset is ON.

Turn headset OFF

Hold down the function button for 3 seconds. The user will hear beeps (high tone to low tone) when the headset is turned OFF.



Pairing to Phone

Pairing the headset with a phone

You pair the headset with the phone by adding it to a list of paired devices in the phone. The two devices then recognize each other when they connect. Once you have paired your headset with the phone, you do not need to pair it again until you want to use it with another device.

NOTE: you must pair your headset and phone before you can make a call.

STEP:

- 1 Turn headset OFF.
- 2 Press and hold down function button for 7 seconds.



The user will hear low tone beeps. The BLUE indicator will light. The headset will perform a discoverable mode from the phone.

- 3 You operate the phone to bond to the headset.
- 4 When like a "Enter Bluetooth Passkey" message appears, enter the passkey "0000".

English

Bluetooth

12

Incoming & Terminating a call

Making and answering calls

Phone functionality is still available when the headset is connected. You can make and answer calls using the buttons on the headset, or using the keys on the phone, as usual.

Answer a call

STEP:

- 1 Press the function button
Then you will hear high tone beeps once.
During conversation the BLUE indicator
lights every 10seconds.



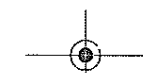
NOTE: If the phone rings first, wait until
the headset rings, then press the call handling button.

Rejecting a call

NOTE: During ringing tone only

STEP:

- 1 Press and hold down the function button
for 2 seconds.
Then you will hear low tone beeps once.
And the BLUE indicator will start blinking
every 4 seconds.
It is "Stand-by" mode.

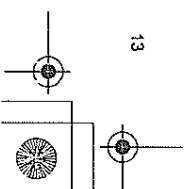
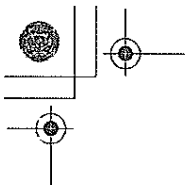


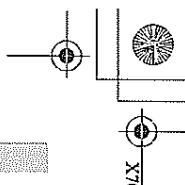
Terminating a call

NOTE: During conversation only

STEP:

- 1 Press the function button
Then you will hear low tone beeps once.
And the BLUE indicator will start blinking
every 4 seconds.
It is "Stand-by" mode.





Making a Call

Using voice dialling

NOTE: During "Stand-by" mode

STEP:

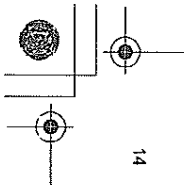
1 Press the function button once.
Then you will hear low tone beep once.
After the beep, voice dial as you normally would.

Redialling last dial number

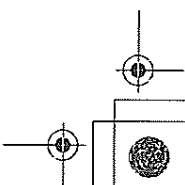
NOTE: During "Stand-by" mode

STEP:

1 Press and hold down the function for 1 second.
Then you will hear high tone beep once.
After the beep, last dial number will be dialed.



14



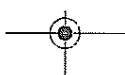
Volume Control

Increasing and Decreasing Volume

NOTE: You can adjust the headset speaker volume during a call, or the ring volume when you are not engaged in a call.

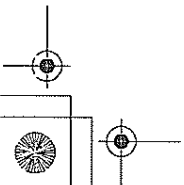
Increase

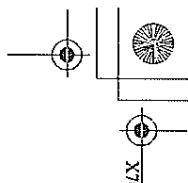
To increase speaker volume, press the Volume Up Button.
When the maximum volume level is reached, you will hear low tone beep.



Decrease

To decrease speaker volume, press the Volume Down Button.
When the minimum volume level is reached, you will hear low tone beep.





Transferring sound from phone to headset

Transferring sound from phone to headset

If you make a call using your phone, you can transfer the sound to the headset if the headset is on, paired with the phone, and within range.

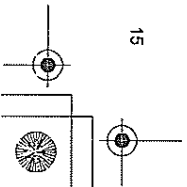
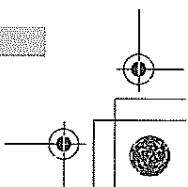
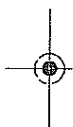
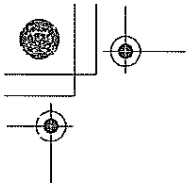
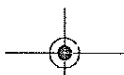
NOTE: During conversation using a phone

STEP:

- 1 Press the function button once.
Then you will hear low tone beep once.
After the beep, sound will be transferred.



NOTE: To transfer the sound from the headset to the phone, refer to the phone's user documentation.



Troubleshooting

No sound contact between headset and phone

The headset and the phone you are using with it have to be paired to recognize each other. They also have to be within range of each other. Make sure that there are no solid objects, such as walls or furniture, in between the headset and the phone.

No indication of charging is shown

If you charge a headset battery that is empty, or has not been used for a long time, it may take up to 30 minutes before a light to indicate charging (a steady red light) appears.

Some functions do not work according to the instruction

If you notice that you cannot make use of all the features in the EB-BHX70 headset, please refer to the phone's user documentation.

The headset is automatically switched off

There are three reasons why the headset might be switched off automatically:

- >The battery is too low. The indicator light on the headset flashes red and you hear a low beep. Charge the headset battery for approximately 1.5 to 2 hours.
- >The headset has been exposed to extreme temperatures. Let the headset rest for a while in room temperature, then turn it on again.

- >The headset has been in pairing mode for more than 3 minutes.

Charging during a call

You should not charge the headset during a call. The call might be disconnected.

Disconnection during a call

If the Bluetooth disconnected during the use, start pairing again.

Specifications

Switch	3 (Talk, PWR / Vol_Up / Vol_Down)
LED	2 (Blue / Red)
Weight	approximately 21 g
Typical Talk Time	Up to 5 h
Typical Standby Time	Up to 125 h
Typical Charging Time	Up to 2 h
Bluetooth compliance	Bluetooth 1.1 specification
Operating range	Up to 10 meters

English

Licensing

The *Bluetooth*® headset EB-BHX70 is a portable headset based on *Bluetooth* wireless technology.

BLUETOOTH is a trademark of the Bluetooth SIG, Inc. (Special Interest Group). The *Bluetooth* trademarks are owned by Bluetooth SIG, Inc. USA.



What is *Bluetooth* wireless technology?

The *Bluetooth* wireless technology makes it possible to connect any compatible portable and stationary communications device without using cables. The technology is based on a radio link that offers fast and reliable transmission of voice and data information. It does not require a line-of-sight connection in order to establish communication. *Bluetooth* wireless technology uses a globally available frequency range intended to ensure communication compatibility worldwide.

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CP 8 Patent

CE0168 ⓘ

Additional information

Guidelines for safe and efficient use

NOTE: Read this information before using your Bluetooth headset.

Changes or modifications to this *Bluetooth* headset not expressly approved by Panasonic may void the user's authority to operate the equipment.

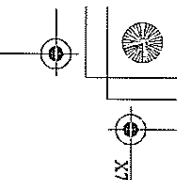
Please check for any exceptions, due to national requirements or limitations, in usage of *Bluetooth* equipment before using this product.

Product care

Please note only Panasonic service partners should remove or replace the battery.

- Do not expose your product to liquid or moisture or to humidity.
- Do not expose your product to extreme high or low temperatures.
- Do not expose your product to lit candles, cigarettes, or cigars, or to open flames etc.
- Do not drop, throw or try to bend the product as rough treatment could damage it.
- Do not use any other accessories than Panasonic or Panasonic-originals intended for use with this product. Use of non-original accessories may result in loss of performance, damage to the product, fire, electric shock or injury. The warranty does not cover product failures which have been caused by use of non-original accessories.
- Do not attempt to disassemble your product. The product does not contain consumer serviceable or replaceable components. Only Panasonic service partners should perform service.
- Do not keep the product in an area prone to dust and dirt. Only use a soft damp cloth to clean your product.
- If you will not be using the product for a while, store it in a place that is dry, free from damp, dust and extreme temperatures.

English



Radio frequency exposure

Your *Bluetooth* headset is a radio transmitter and receiver. When in operation, it communicates with a *Bluetooth* equipped mobile device by receiving an transmitting radio frequency (RF) electromagnetic fields (microwaves) in the frequency range 2400 to 2500 MHz. The output power of the radio transmitter is low, 0.001 watt.

Your *Bluetooth* headset is designed to operate in compliance with the RF exposure guidelines and limits set by national authorities and international health agencies when used with any compatible Panasonic or Panasonic mobile phone.

Driving

Check the laws and regulations on the use of mobile phones and hands free equipment in the areas where you drive.

Always give full attention to driving and pull off the road and park before making or answering a call if driving conditions so require. RF energy may affect some electronic systems in motor vehicles such as car stereo, safety equipment etc. Check with your vehicle manufacturer's representative to be sure that your mobile phone or *Bluetooth* headset will not affect the electronic systems in your vehicle.

Electronic equipment

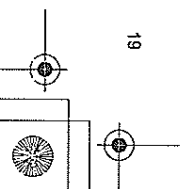
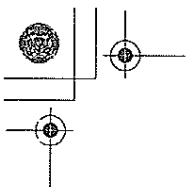
Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment is not, therefore: Do not use your *Bluetooth* headset near medical equipment without requesting permission. If you are using any personal medical devices, e.g. a pacemaker or a hearing aid, please read in your mobile phone's User's Guide for further information.

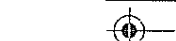
Aircraft

Turn your *Bluetooth* headset OFF before boarding any aircraft. To prevent interference with communication systems, you must not use your *Bluetooth* headset while the plane is in the air.

Additional Information

English





Blasting areas

Turn off all your electronic devices when in a blasting area or in areas posted turn off two-way radio to avoid interfering with blasting operations. Construction crews often use remote control RF devices to set off explosives.

Potentially explosive atmospheres

Turn off your electronic device when in any area with a potentially explosive atmosphere. It is rare, but your electronic device could generate sparks. 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.

Power supply

Connect the AC power adapter only to designated power sources as marked on the product.

To reduce risk of damage to the electric cord, remove it from the outlet by holding onto the AC adapter rather than the cord. Make sure the cord is positioned so that it will not be stepped on, tripped over or otherwise subjected to damage or stress.

To reduce risk of electric shock, unplug the unit from any power source before attempting to clean it.

The AC power adapter must not be used outdoors or in damp areas.

DANGER - Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician.

Improper connection can result in risk of electric shock.

Placing

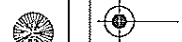
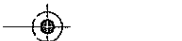
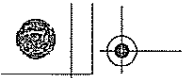
Panasonic recommends that the *Bluetooth* headset is worn in positions where it will not be subject to pressure since such pressure may result in bodily injury or damage to the product.

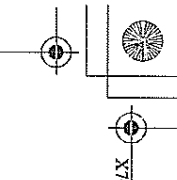
Children

Do not allow children to play with your *Bluetooth* headset since it contains small parts that could become detached and create a choking hazard.

Additional information

English





Emergency calls

IMPORTANT!

This *Bluetooth* headset and the electronic device connected to the hands-free operate using radio signals, cellular and landline networks as well as user-programmed functions, which cannot guarantee connection under all conditions. Therefore you should never rely solely upon any electronic device for essential communications (e.g. medical emergencies). Remember, in order to make or receive calls, the hands-free and the electronic device connected to the hands-free must be switched on and in a service area with adequate cellular phone networks or when certain network services and/or phone features are in use. Check with your local service provider.

Battery information

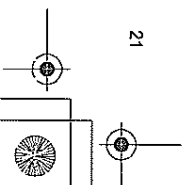
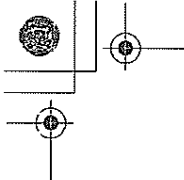
A rechargeable battery has a long service life if treated properly.

A new battery or one that has not been used for a long period of time could have reduced capacity the first few times it is used. Do not expose the battery to extreme temperatures, never above +45°C (+104°F). For maximum battery capacity, use the battery in room temperature. If the battery is used in low temperatures, the battery capacity will be reduced.

The battery can only be charged in temperatures between +5°C (+41°F) and +35°C (+95°F).

Supported *Bluetooth* functions

This product supports the Headset and the Handsfree profile. —



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