

# Introduction

Thank you for purchasing SoftBank 840SC.

- Read this guide thoroughly before using handset to ensure proper usage.
- Accessible services may be limited by contract conditions or service area.
- Handset is compatible with 3G network technologies.

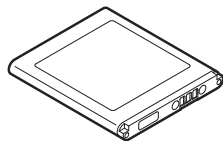
## Notes

- Unauthorized copying of any part of this guide is prohibited.
- Contents are subject to change without prior notice.
- Steps have been taken to ensure the accuracy of descriptions in this guide. If you find inaccurate or missing information, contact SoftBank Mobile Customer Center, General Information (☎P.15-31).

# Accessories

Make sure the following accessories are included in the package with handset. These accessories are also sold separately. For details on accessories or optional items, contact SoftBank Mobile Customer Center, General Information (☎P.15-31).

## Battery [SCBAM1]



## Quick Start Guide (Japanese)



## Safety Precautions (Japanese)



## Warranty (Handset)



- Use only specified Charger (sold separately) for charging.
- Handset takes microSD™/microSDHC™ Memory Card (not included). Purchase one to use Memory Card functions.
- microSD™/microSDHC™ Memory Card is referred to as "Memory Card" in this guide.
- Download Samsung New PC Studio from SAMSUNG Website (<http://jp.samsungmobile.com/pc/lineup/840download.html>).

# Memo

Handwriting practice lines consisting of 12 horizontal dotted lines.

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# About This Guide

In this guide, SoftBank 840SC is referred to as "handset". Instructions are described using mainly default settings. When settings are changed, screenshots or handset responses may differ from those depicted in this guide.

## Screenshots & 840SC Illustrations

Screenshots appearing in this guide are for reference only and may differ from actual Display images. Product illustrations may differ from actual product appearance.

In some screenshots, Wallpaper is set to None for Display image clarity.

## Confirmations & Warning Messages

Messages not described in this guide may appear; read all handset confirmations and warning messages carefully.

## Japanese Functions & Services

When " (Japanese) " appears in a title, Japanese ability is required to use full range of the function or service.

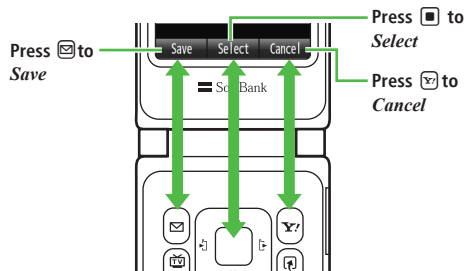
## Symbols

In this guide, graphics represent handset keys; see "Parts & Functions" (P.1-2).

Softkeys and Multi Selector operations are indicated as follows:

### Softkeys

Operation options such as "Select" and "Save" appear at the bottom of Display (Softkey area). Press the corresponding Softkey to execute assigned functions.



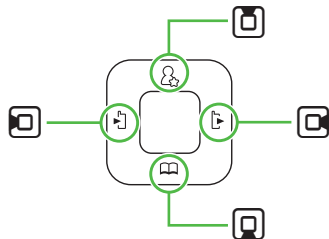
### Softkey Operations



## Multi Selector Operations

Use Multi Selector to select menu items, move cursor, scroll, etc. In this guide, Multi Selector operations are indicated as shown below:

### Basic Multi Selector Operations



: Press or

: Press or

: Press , , or

## Menu Operations

Menu operation explanations are abbreviated with arrows.

### Main Menu

1 → Settings → Display settings → Wallpaper  
Highlight an item and (Select)

For details, see "Using Main Menu" (P.2-2).

### Menu

1 → Send → Via infrared  
Highlight an item and (Select)  
Press (Menu) to open Menu

### Highlighting

In this guide, "to highlight" means to move cursor to an item.

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# Safety Precautions

Read safety precautions before using handset.

- Observe precautions to avoid injury to self or others, or damage to property.
- SoftBank Mobile is not liable for any damages resulting from use of this product.

These labels indicate the degree of risk from improper use. Make sure you thoroughly understand their meanings before reading on.

 <b>Danger</b>	Great risk of death or serious injury <sup>1</sup> from improper use
 <b>Warning</b>	Risk of death or serious injury <sup>1</sup> from improper use
 <b>Caution</b>	Risk of injury <sup>2</sup> or damage to property <sup>3</sup> from improper use

- 1 "Serious injury" includes blindness, wounds, low/high heat burns, electric shock, bone fractures, poisoning or other physical harm with aftereffects, or requiring hospitalization or ongoing hospital visits.
- 2 "Injury" includes wounds, burns, electric shock or other physical harm not requiring hospitalization or ongoing hospital visits.
- 3 "Damage to property" includes damage to home, furniture, livestock, pets, etc.

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand their meanings before reading on.

 Prohibited	Prohibited actions
 Do Not Disassemble	Disassembly prohibited
 Avoid Liquids Or Moisture	Exposure to liquids prohibited
 Do Not Use Wet Hands	Use with wet hands prohibited
 Compulsory	Compulsory actions
 Disconnect Power Source	Unplug Charger from outlet

## Handset, Battery, USIM Card, Charger (Sold Separately) & Memory Card (Sold Separately)



### Danger

#### Use specified battery and Charger (sold separately) only.

Non-specified equipment use may cause battery to leak, overheat, burst or ignite, and may cause Charger to overheat, ignite, malfunction, etc.



Compulsory

#### Do not disassemble, modify or solder handset or related hardware.

May cause fire, injury, electric shock or malfunction.

Battery may leak, overheat, burst or ignite.

Modifying handsets is prohibited by the Radio Law and subject to a penalty.



Do Not  
Disassemble

#### Do not expose internal handset parts or related hardware to liquids.

Do not leave handset or related hardware wet after exposure to water, pet urine, etc., and do not charge wet battery. May cause overheating, electric shock, fire, injury or malfunction. Use them in an appropriate place properly.



Avoid Liquids  
Or Moisture

#### Do not charge battery in or expose handset or related hardware to extreme heat (e.g., near fire or sources of heat, in direct sunlight, inside vehicles, etc.).

May cause warping/malfunction; battery may leak, overheat, ignite or burst. Handset or related hardware may become hot to the touch, leading to burn injuries, etc.



Prohibited

#### Do not force battery/Charger into handset. Check the direction and retry.

Battery may leak, overheat, burst, ignite, etc.



Prohibited



### Warning

**Do not place handset, battery or Charger in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.**



Prohibited

Battery may leak, overheat, burst or ignite. Handset/Charger may overheat, emit smoke, ignite, malfunction, etc.

#### Keep handset off and Charger disconnected near gas stations or places with fire/explosion risk.

Handset use near petrochemicals or other flammables may cause fire/explosion.

To prevent fire or explosion, do not use handset near gas or fine particles (coal, dust, metal, etc.).



Compulsory

#### Do not apply strong shocks or impacts.

Do not drop/throw handset or related hardware. Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.



Prohibited

#### If there is unusual sound/odor, smoke or any other abnormality:

Continued use may cause fire, electric shock, etc.; grasp plug to disconnect Charger from connector.



Compulsory

**Keep liquids (water, pet urine, etc.) or conductive material (pencil lead, metallic strip, metal jewelry, etc.) away from Charging terminals, External Device.**



Prohibited

May cause short circuit, resulting in fire, malfunction, etc.



## Caution

**Do not place handset or related hardware on unstable surfaces.**

Handset or related hardware may fall, resulting in injury, malfunction, etc.; be especially careful when Vibration is set or during Charge.



Prohibited

**Keep handset and related hardware out of infants' reach.**

Infants may choke from swallowing handset or related hardware or be injured, etc.



Compulsory

**If your child is using handset and related hardware, explain all instructions and supervise usage.**

Misuse may cause injury, etc.



Compulsory

## Battery



## Danger

Read battery label to confirm battery type; use/dispose of battery accordingly.

Display	Battery type
Li-ion00	Lithium-ion

**Do not dispose of battery in fire.**

Battery may leak, burst, ignite, etc.



Prohibited

**Do not damage battery (with a nail, hammer, foot, etc.) or subject it to strong impacts or shocks.**

Battery may leak, overheat, burst, ignite, etc.



Prohibited

**Keep wire or other metal objects away from battery terminals. Do not carry/store battery with conductive material (pencil lead, metallic strip, metal jewelry, etc.).**

Battery may leak, overheat, burst, ignite, etc.



Prohibited

**If battery fluid gets in eyes, do not rub; rinse with water and consult a doctor immediately.**

Eyes may be severely damaged.



Compulsory

## Warning

**If battery fluid contacts skin or clothes, discontinue handset use and rinse with clean water immediately.**

May cause skin damage.



Compulsory

**If battery does not charge properly, stop trying.**

Battery may leak, overheat, burst, ignite, etc.



Compulsory

**If there is abnormal odor, excessive heat, discoloration or distortion, remove battery, being careful not to burn or injure yourself. Avoid fire sources.**

Continued use may cause battery to leak, overheat, burst, ignite, etc.



Compulsory

## Caution

**Do not dispose of an exhausted battery with ordinary refuse.**

Tape over battery terminals before disposal. Take battery to a SoftBank Shop, or follow the local disposal regulations.



Prohibited

## Handset

### Warning

**Do not use handset while driving or cycling.**

Accidents may result.

Phone use while driving or cycling is prohibited by law and subject to a penalty; park in a legal parking space beforehand.



Prohibited

**Turn handset power off near electronic devices that employ high precision control systems or weak signals.**

May cause electronic malfunctions, etc. Be especially careful near the following devices:

Hearing aids, implanted pacemakers/defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.



Compulsory

**Because handset radio waves may impair aircraft operations, please power off handset while aboard.**

When handset use aboard aircraft is allowed, please follow instructions of airline personnel.



Compulsory

**Users with a heart condition should adjust ringtone Vibration and Volume as needed.**

May cause heart damage.



Compulsory

**If thunder is heard while outdoors, turn power off; find cover.**

There is a risk of lightning strike or electric shock.



Compulsory

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**Do not look into Infrared Port during Infrared transmissions.**

Eyesight may be affected.



Prohibited



## Caution

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**Do not use handset when it may affect a vehicle's electronic equipment.**

Handset use inside vehicles may cause electronic equipment to malfunction, resulting in accidents.



Prohibited

---

**If you experience any skin irritation associated with handset use, discontinue handset use and consult a doctor.**

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.  
For materials, see "Materials & Finishing" (P.15-17).



Compulsory

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**Keep handset away from magnetic cards, etc.**

Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.



Prohibited

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**Do not swing handset by strap.**

May harm self or others; strap may break, resulting in injury or handset malfunction/breakage.



Prohibited

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**Handset may become hot while in use, especially at high temperature.**

Prolonged contact with skin may cause burn injuries.



Compulsory

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**Always maintain some distance from Speaker while ringtones, music or other handset sounds play.**

Excessive volume may damage ears or hearing.



Prohibited

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**When view Digital TV, be sure to view in place with enough light and view from distance, otherwise it may cause decrease in vision.**



Compulsory

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**Moderate handset volume when using Earphone Microphone.**

Excessive volume may damage ears or hearing.



Compulsory

## Charger (Sold Separately)



### Warning

**Do not cover/wrap Charger while charging.**

Charger may overheat, resulting in fire, malfunction, etc.



Prohibited

**Use only the specified voltage.**

Non-specified voltages may cause fire, malfunction, etc.

- AC Adapter (sold separately) : AC 100V-240V (only for household wall sockets).



Prohibited

**Leave Charger unplugged during periods of disuse; grasp plug to disconnect it.**

May cause electric shock, fire or malfunction.



Disconnect  
Power Source

**If liquids (water, pet urine, etc.) seep inside Charger, grasp plug from outlet and disconnect Charger immediately.**

May cause electric shock, smoke/fire.



Disconnect  
Power Source

**If plug is dusty, grasp it and disconnect Charger, then clean with a dry cloth.**

Fire may result.



Compulsory

**Plug Charger firmly into the outlet, keeping the plug and Charger charging terminals away from conductive material (pencil lead, metallic strip, metal jewelry, etc.).**

May cause electric shock, short circuit, fire, etc.



Compulsory

**Do not touch Charger plug with wet hands.**

May cause electric shock or malfunction, etc.



Do Not Use  
Wet Hands

**Do not touch Charger if thunder is heard.**

May cause electric shock, etc.



Prohibited



### Caution

**Grasp plug and disconnect Charger from outlet before cleaning.**

May cause electric shock, etc.



Disconnect  
Power Source

**Always grasp plug (not cord) to disconnect Charger from outlet.**

Pulling the plug by cord may damage cord, causing electric shock, fire, etc.



Compulsory

**Do not subject Charger (sold separately) to strong shocks or impacts while it is plugged into the outlet.**

May cause malfunction or injury.



Prohibited

## Handset Use & Electronic Medical Equipment

This section is based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference, April 1997) and "Report of Investigation of the Effects of Radio Waves on Medical Equipment, etc." (Association of Radio Industries and Businesses, March 2001).



### Warning

#### **Persons with implanted pacemaker/defibrillator should keep handset more than 22 cm away.**

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

#### **If you intend to use electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.**

Radio waves may interfere with electronic medical equipment.



Compulsory

#### **Observe these rules inside medical facilities to avoid effects of radio waves on electronic medical equipment:**



Compulsory

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying a handset.
- Keep handset off in hospitals; cancel the setting that turns handset power on automatically (alarm, etc.) beforehand.
- Even in lobbies or other places where handset use is permitted, keep handset off near electronic medical equipment.
- Obey medical facility rules on mobile phone use.

#### **Turn handset off in crowds or trains where persons with implanted pacemaker/defibrillator may be near; cancel the setting that turns handset power on automatically (alarm, etc.) beforehand.**



Compulsory

Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.



# General Notes

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## General Use

- SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of any data on handset/Memory Card. Please keep separate records of Phone Book entries, etc.
- Handset transmissions may be disrupted inside buildings, tunnels, or underground, or when moving into/out of such places.
- Use handset without disturbing others.
- Handsets are radios as stipulated by the Radio Law. Under the Radio Law, handsets must be submitted for inspection upon request.
- Handset use near landlines, TVs or radios may cause interference.
- **Beware of eavesdropping.**  
Because this service is completely digital, the possibility of signal interception is greatly reduced. However, some transmissions may be overheard.
  - **Eavesdropping**  
Deliberate/accidental interception of communications constitutes eavesdropping.

## Inside Vehicles

- Never use handset while driving.
- Do not park illegally to use handset.
- Handset use may affect a vehicle's electronic equipment.

## Aboard Aircraft

- Because handset radio waves may impair aircraft operations, please power off handset while aboard.  
If handset use aboard aircraft is allowed, please follow instructions of airline personnel.

## Function Usage Limits

- The following functions are disabled after handset upgrade/replacement or service cancellation:
  - Camera
  - Media Player
  - S! Appli
  - TV
- After a long period of disuse, these functions may be unusable; establish a network connection to restore usability.

## Handset Care

- If handset is left with no battery or an exhausted one, data may be altered/lost. SoftBank Mobile is not liable for any resulting damage.
- Use handset between 5°C - 35°C. Avoid extreme temperatures/direct sunlight.
- Exposing lens to direct sunlight may damage color filter affecting image color.
- Do not drop or subject handset to shocks.
- Clean handset with a dry, soft cloth. Using alcohol, thinner, etc. may damage it.
- Never disassemble or modify handset.
- Avoid scratching Display.
- When using headphones, moderate the volume to avoid sound bleed.
- Heavy objects or excessive pressure should be avoided. This may cause malfunction or injury.
  - Do not sit down with handset in pocket.
  - Do not place heavy objects on handset in a bag.
- Insert only specified devices into Headphone Port. Malfunction or damage may result.
- Always turn power off before removing battery. If battery is removed while saving data or sending mail, data may be lost, changed or destroyed.

## Keypad Surface Swelling

- Keypad surface might swell up due to drastic atmospheric changes (at high altitudes, aboard high-flying aircraft, etc.) when Battery Cover is closed. This is normal. Keypad will return to its original shape.
- Open Port Cover to release air that may be trapped inside handset.
- Carefully close Battery Cover to avoid trapping excess air inside handset.
- When using a swollen Keypad, take care to avoid damaging protrusions. Original shape will return.

## Water Resistance

### 840SC Water Resistance

- **840SC complies with IPX5 (former JIS protection level 5)<sup>1</sup> and IPX7 (JIS protection level 7)<sup>2</sup> water protection standards, with Port Covers closed and Battery Cover locked firmly.**

<sup>1</sup>IPX5 compliant means that this handset continues to function as a phone after being subjected to a water jet (approximately 12.5 liters/min.) discharged from a nozzle (inner diameter: 6.3 mm), from all directions (approximately 3 m from handset) for at least three minutes.

<sup>2</sup>IPX7 compliant means that this handset continues to function as a phone and no water seeps inside after being gently lowered into a tank filled with still tap water (at room temperature) to the depth of 1 m, and immersed at the bottom for approximately 30 minutes.

- **Warranty does not cover malfunctions resulting from misuse.**

### Usage Notes

- Lock Battery Cover and close Port Covers firmly. Foreign matter (hair, sand, fibers, etc.) trapped between contact surfaces may cause seals to fail and expose internal parts to water.
- Leaving Battery/Port Covers open may expose handset to moisture, causing malfunction/electric shock. Power handset off, and remove battery.
- If handset gets wet, moisture might get between Keypad and hinges. Wipe off handset with a clean, dry cloth. Do not leave handset wet.
- To prevent water from getting inside a handset exposed to rain or touched with wet hands, do not open Battery Cover or Port Cover. After handset has completely dried out, slowly open Battery Cover or Port Cover. If liquid does get inside, do not use handset; power off, remove battery, and take it to a SoftBank Shop.
- To prevent water from getting inside handset when areas around Port Cover or Battery Cover are wet, wait until handset has completely dried, before slowly opening and closing covers.
- Handset is resistant to fresh/tap water at room temperature (5°C - 35°C) only.

## Precautions

- Do not expose handset to liquids (soaps, detergents, soapy water, seawater, pool water, hot spring water, boiling water, chemicals, or perspiration, etc.) other than fresh/tap water. Do not expose handset to sand or mud.
- If handset is exposed to liquid other than fresh/tap water, immediately rinse off handset with water. Position handset approximately 10 cm from tap or shower head and wash with a low pressure flow (less than six liters per minute, at room temperature (5°C - 35°C)). Hand wash (do not use brushes or sponges) with Battery Cover in place and locked, and Port Cover closed.
- Do not expose handset to bathtubs or swimming pools. Do not use handset (open or close handset, or use Keypad) in water.
- Handset is not resistant to water at high pressure. Do not expose handset to tap or shower water flowing faster than six liters per minute, drop it into water, or submerge.
- Do not expose handset to extreme humidity for long periods; avoid prolonged use in bath/shower rooms.
- Use handset within 5°C - 35°C (up to 40°C for temporary use in bath/shower rooms, etc.) and 35% - 90% humidity.
- Handset is not heat-resistant. Do not use in saunas. Avoid hot air from dryers, etc.
- Avoid extreme temperatures (e.g., near stoves, inside refrigerators, etc.).
- Volume may be low when Microphone/Earpiece/Speaker is wet; dry handset before use. After drying out, the volume will return to normal.
- Avoid placing handset directly on sand. Sand may penetrate Earpiece, Speaker, etc., resulting in low volume.
- Do not move handset directly from a cold place to a warm, humid place; condensation may occur. Should this happen, let handset dry naturally, at room temperature.
- Handset does not float.
- Keep handset out of heavy rain.
- Do not let liquid-exposed handset remain wet; exposure to cold may freeze liquid causing malfunctions.

## Maintaining Waterproof Performance

- Do not subject handset to strong shocks or impacts; do not poke Microphone, Earpiece, Speaker, etc. with a cotton swab or sharp object;
- Port Cover and gasket play the important role of maintaining waterproofness. Do not remove or damage them. In addition, do not allow foreign particles to adhere to them.
- Do not insert sharp objects into Port Cover gaps; may damage gasket and affect water resistance.
- Do not leave Port Cover bent back for prolonged periods of time to plug in Earphone Microphone or Charger. It might deform Port Cover affecting waterproofing.
- If Port Cover gasket is damaged or deformed, replace it with a new one.
- To maintain water resistance, replace gaskets every two years regardless of their condition. For gasket replacements, contact a SoftBank Shop.
- Damaged Battery/Port Cover affects water resistance; contact a SoftBank Shop.

## Charging Precautions

- Battery and optional accessories are not waterproofed. Avoid exposure to liquids or high humidity (e.g., precipitation, bath/shower room, restroom, etc.) ; may cause fire, electric shock or damage.
- Never charge battery while handset is wet; may cause fire or damage due to electric shock or short-circuit.
- Close Port Cover firmly after charging via External Device Port.
- Do not touch Charger with wet hands. Electric shock may occur.
- Do not use Charger in rooms in which water is regularly used (kitchen, bath/shower room, etc.); may cause fire or electric shock.

If handset gets wet, see "Drying Off Handset" (P.15-5).

If Port Cover becomes detached, see "Reattaching Port Cover" (P.15-6).

## Precautions Regarding the UV Checker

- To take correct measurements using UV Checker, aim UV Sensor at the sun two or three times.
- UV Checker may not take correct measurements due to interference by the weather or surrounding buildings.
- Use UV Checker as a reference ; measurements may not be accurate.
- Correct measurements might not be taken if UV Sensor is soiled (fingerprints, foreign particles, etc.).
- Be aware that UV Sensor might be damaged by drastic temperature fluctuations.
- UV Sensor may not function if handset is dropped, or suffers a strong impact.
- Do not allow UV Sensor to remain exposed (handset open) to strong sunlight and ultraviolet rays. Be aware that this might damage sensor.
- UV Checker will not function if handset is closed. Use with handset open.
- If UV Checker is successively used, it may not function normally.
- Area surrounding UV Sensor may become discolored due to prolonged usage. This is not a malfunction.

- UV Sensor does not function in water.
- Actual intensity of ultraviolet light may vary from UV Checker measurements. Always use sunblock lotion etc. to protect one's skin from ultraviolet rays.
- Even if UV Checker shows, "Not strong (You can safely spend time outdoors.)," this does not mean that UV conditions are safe.
- UV Checker measurement times may vary depending by environment and conditions.

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# SAR Certification

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## **840SC meets the technical standards of Ministry of Internal Affairs and Communications (MIC) regarding radio wave absorption by a human body.**

These technical standards are established on a scientific basis to prevent radio waves emitted from wireless devices such as mobile phones that are used close to human head from affecting human health. These standards assure that the SAR (Specific Absorption Rate), an indicator of the amount of average energy absorbed in the side of a human head, must not exceed the permissive value of 2 W/kg\*. This value includes a substantial safety margin designated to assure the safety of all persons, regardless of age and physical size. The value is equal to the international guideline recommended by International Commission on Non-ionizing Radiation Protection (ICNIRP) that has a cooperative relationship with the World Health Organization (WHO).

The highest SAR value for 840SC is 0.183 W/kg. This value is obtained in accordance with the MIC testing procedure with the mobile phone transmitting at its highest permitted power level. While there may be differences in the SAR levels depending on phones, they all meet the MIC's permissible value. Because mobile phones are designed to employ the minimum power level required for the communication with the base station, the SAR of the phone during a call is usually below the maximum value.

For further information about SAR, please see the following Websites:

MIC: <http://www.tele.soumu.go.jp/ij/ele/index.htm>

ARIB: <http://www.arib-emf.org/>

\*The guideline is defined by relevant laws and regulations associated with the Radio Law (No. 2 of Article 14 of Ordinance Regulating Radio Equipment).

## **SoftBank Mobile Body SAR Policy**

- \* Body SAR: The SAR value at the maximum transmission power when continuously talking with handset placed on the body and using earphone-microphone.
- \*\* Specific Absorption Rate (SAR) : The value measured when having talked continuously for six minutes.
- \*\*\* Placement on the body: Measurements are taken with the rear of handset facing the body at a distance of 1.5 cm as the ordinary handset position. In order to comply with radio frequency exposure requirements, use an accessory (e.g. belt clip, holster) that does not contain metallic parts to maintain a 1.5 cm separation between the body and handset.

For further information, see the following SoftBank Mobile Website:

<http://www.softbankmobile.co.jp/ja/info/public/emf/emf02.html>

# European RF Exposure Information

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Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines.

These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear was 0.737 W/kg\*. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in this user guide. In this case, the highest tested SAR value is 0.183 W/kg.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

\*The tests are carried out in accordance with international guidelines for testing.



# Memo

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