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## Factory Default Settings

Use this information to connect Wi-Fi router to Wi-Fi devices.

SSID and security keys are set by default. See WLAN Initialization Sticker (Package Contents P.1-2) for SSID, WEP Key, and WPA Key.

- Internet connectivity (WAN Connection Mode in SoftBank 006Z Utility) is Always On by default. Use SoftBank 006Z Utility to change to Manual. See Internet Connectivity P.5-21.
- Encrypt Type is set to WEP by default. For greater security, use WPA/WPA2. Some game consoles may not be WPA compatible. See game console user guide for compatibility.

## Operating Environment

Use Wi-Fi router in any of these operating environments:

- Compatible Operating Systems:
  - Windows XP Home Edition (Service Pack 2 or later)
  - Windows XP Professional (Service Pack 2 or later)
  - Windows XP (64-bit)
  - Windows Vista Home Basic (32-bit or 64-bit)
  - Windows Vista Home Premium (32-bit or 64-bit)
  - Windows Vista Business (32-bit or 64-bit)
  - Windows Vista Ultimate (32-bit or 64-bit)
  - Windows 7 Starter Edition (32-bit or 64-bit)
  - Windows 7 Home Basic (32-bit or 64-bit)
  - Windows 7 Home Premium (32-bit or 64-bit)
  - Windows 7 Professional (32-bit or 64-bit)
  - Windows 7 Enterprise (32-bit and 64-bit)
  - Windows 7 Ultimate (32-bit or 64-bit)
  - Mac OS X 10.4 to 10.6 (Intel)
- Compatible OS includes both English and Japanese versions.
- Memory Requirements:
  - Windows XP: 256MB (512MB+ recommended)

Windows Vista: 512MB (1GB+ recommended)

Windows 7 (32-bit): 1GB+

Windows 7 (64-bit): 2GB+

Mac OS X: 256MB (512MB+ recommended)

- Available Hard Disk Capacity:
  - 50MB required (100MB+ recommended)
- Recommended resolution: Over 1024 x 768
- Compatible browser: Windows Microsoft Internet Explorer 6, 7, 8  
Mac OS X: Safari 3, 4

Use outside these environments may affect performance. Operating environment (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- For PC support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.

## Usage Conditions




- Wi-Fi router is for use within SoftBank Mobile service areas/areas covered by SoftBank Mobile Global Roaming Service.
- Even within service areas, transmissions may be disrupted inside buildings, aboard trains, inside tunnels, underground, behind buildings, in valleys, etc. Signal may be weak in some areas. Signals may not travel well in some areas in certain regions.
- Extremely strong or weak signals may disrupt transmissions. Transmissions may be disrupted even when signals are fine.
- Router transmissions are highly secure, however, eavesdropping can occur. Please use accordingly.
- Wi-Fi router is a radio as stipulated by the Radio Law. Under this law, it must be submitted for inspection upon request.
- In public places please use Wi-Fi router without disturbing others.
- USIM Card must be installed to use Wi-Fi router.
- SoftBank Mobile is not liable for any damages/recovery costs associated with Wi-Fi router use.

# Safety Precautions

- Read Safety Precautions before using Wi-Fi router.
- Observe precautions to avoid injury or property damage.
- SoftBank is not liable for damages incurred by the user or third parties due to Wi-Fi router malfunctions, incorrect operations, or inconveniences caused by missed transmissions.

## Labels

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

 <b>DANGER</b>	Great risk of death or serious injury <sup>1</sup>
 <b>WARNING</b>	Risk of death or serious injury <sup>1</sup>
 <b>CAUTION</b>	Risk of injury <sup>2</sup> or damage to property <sup>3</sup>







<sup>1</sup>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.

<sup>2</sup>Includes wounds, burns, electric shock or other physical harm not requiring hospitalization or ongoing hospital visits.

<sup>3</sup>Includes damage to home, furniture, livestock, pets, etc.

## Symbols

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

 Prohibited	Prohibited actions
 Do Not Disassemble	Disassembly prohibited
 Avoid Liquids Or Moisture	Exposure to liquids prohibited
 No wet hands	Handling with wet hands prohibited
 Compulsory	Compulsory actions
 Unplug First	Disconnect power source

## Wi-Fi Router, Battery, USIM Card, AC Adapter & Micro USB Cable

### DANGER



Compulsory

**Use SoftBank specified battery, AC Adapter or Micro USB Cable only.**

Use of non-specified accessories may cause battery to leak, overheat, rupture or ignite; AC Adapter may overheat, ignite or malfunction.



Do Not Disassemble

**Do not disassemble, modify or solder Wi-Fi router or related hardware.**

May cause fire, injury, electric shock or malfunction. Modifying the Wi-Fi router is a violation of the Radio Act, thus penalties may be imposed.



Avoid Liquids Or Moisture

**Do not expose to liquids.**

Do not leave Wi-Fi router or related hardware wet after exposure to water, pet urine, etc., and do not insert wet Wi-Fi router into PC. May cause overheating, electric shock, fire, injury or malfunction. Use them in an appropriate place properly.



Prohibited

**Do not use or expose Wi-Fi router or related hardware to extreme heat (e.g., near fire or sources of heat, in direct sunlight, inside vehicles, etc.).**

May cause warping or malfunction. In addition a portion of the case may heat up, thereby causing burns.



Prohibited

**Do not use excessive force to install battery, or insert Micro USB Cable into AC Adapter or Wi-Fi router. Confirm battery terminal orientation before installation. Battery may leak, overheat, rupture or ignite.**

### WARNING



Prohibited

**Do not place Wi-Fi router, battery, AC Adapter or Micro USB Cable in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.** May cause battery to leak, overheat, rupture or ignite; or may cause Wi-Fi router, AC Adapter or Micro USB Cable to overheat, emit smoke, ignite or malfunction.



Compulsory

**Stop using Wi-Fi router near gas stations or places with fire/explosion risk.**

Gases may ignite. Using Wi-Fi router near petrochemicals or other flammables may cause fire or explosion.



Prohibited

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

May cause malfunction.



Compulsory

**If any unusual sounds, odors, smoke or other abnormalities occur while using or storing, turn off the PC connected with Wi-Fi router.** Continued use may cause fire or electric shock.



Prohibited

**Keep liquids (water, pet urine, etc.) and conductive materials (e.g. pencil lead, metal fragments, metal necklaces, hairpins, etc.) away from External Device Port. In addition do not put anything inside of it.** May cause short circuit, resulting in fire or malfunction.

### CAUTION



Prohibited

**Do not place Wi-Fi router on unstable surfaces.** Wi-Fi router or related hardware may fall, resulting in injury, malfunction, etc.



Compulsory

**Keep Wi-Fi router out of infants' reach.** Infants may choke from swallowing Wi-Fi router or related hardware or be injured, etc.



Compulsory

**If your child is using Wi-Fi router, explain all instructions and supervise usage.** Misuse may cause injury, etc.

## Battery

Check battery type on battery label. Properly use and dispose of battery according to type.

Label	Battery type
Li-ion	Lithium-ion

### DANGER



Prohibited

**Do not throw battery into a fire.**  
May cause battery to leak, rupture or ignite.



Prohibited

**Do not puncture battery with a nail, hit it with a hammer, step on it or subject it to strong impact.**  
May cause battery to leak, overheat, rupture or ignite.



Prohibited

**Do not carry or store conductive materials (e.g. pencil lead, metal fragments, metal necklaces, hairpins, etc.) together with battery.**  
May cause battery to leak, overheat, rupture or ignite.



Compulsory

**If battery fluid gets into eyes, immediately rinse with clean water and consult a doctor. Do not rub eyes.**  
Failing to do so may result in loss of eyesight.

### WARNING



Compulsory

**If battery fluid gets on your skin or clothing, immediately stop Wi-Fi router use and rinse with clean water.**  
Battery fluid may harm your skin.



Compulsory

**If battery is not fully charged even after specified charging time, stop charging.**  
Battery may leak, overheat, rupture or ignite.



Compulsory

**If you notice an unusual odor, overheating, discoloration, deformation, etc. while using, charging or storing battery, remove it from Wi-Fi router and keep it away from fire. Be careful not to burn or injure yourself.**  
Continued use may cause battery to leak, overheat, rupture or ignite.

### CAUTION



Compulsory

**Do not dispose of battery as municipal waste.**  
Bring used battery to a SoftBank Shop or recycling center after insulating the terminals with tape. Be sure to observe local regulations on battery disposal.

## Wi-Fi Router

### WARNING



Prohibited

**Do not sit down with Wi-Fi router in your trousers pocket.**

Excess weight may damage Display, battery or other parts resulting in overheating, fire or injury.



Compulsory

**Power off nearby electronic devices employing high precision control systems or weak signals.**

May cause electronic malfunctions, etc.

\*Be especially careful near the following devices:

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



Compulsory

**Because Wi-Fi router radio waves may impair aircraft operations, please power off Wi-Fi router while aboard.**

When Wi-Fi router use aboard aircraft is allowed, please follow instructions of airline personnel.



Compulsory

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

There is a risk of lightning strike or electric shock.

### CAUTION



Prohibited

**Do not use Wi-Fi router in a vehicle if it affects in-vehicle electronic devices.**

Wi-Fi router use in some types of vehicles may, in some rare cases, affect in-vehicle electronic devices and interfere with safe driving.



Compulsory

**If you experience any skin irritation associated with Wi-Fi router use, discontinue Wi-Fi router use and consult a doctor.**

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.

Parts	Material/Finishing
Unit	PC+ABS
Display Panel	PMMA
Function Key	PC
USIM Cover	PC



Prohibited

**Keep Wi-Fi router away from magnetic cards, etc.**

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



Compulsory

**Wi-Fi router may become hot while in use, especially at high temperature.**

Prolonged contact with skin may cause burn injuries.

## USIM Card & Memory Card

### ⚠ CAUTION



Prohibited

**Do not insert objects other than Memory Card into Memory Card Slot.**

May cause overheating, electric shock or malfunction.



Prohibited

**Do not shake, subject to shocks or remove Memory Card while writing or reading Memory Card data.**

May cause data loss or malfunction.



Prohibited

**Do not use Memory Card other than specified one.**

May cause data loss or malfunction. Wi-Fi router supports Memory Card with a storage capacity of up to 32 GB.



Prohibited

**Do not use excessive force when inserting or removing USIM Card.**

May cause malfunction. Be careful not to injure hands or fingers when removing USIM Card.



Prohibited

**Do not use USIM Card other than specified one.**

May cause data loss or malfunction.

## AC Adapter & Micro USB Cable

### ⚠ WARNING



Prohibited

**Do not cover or wrap with clothing or bedding during charging.**

Heat may build up resulting in fire or malfunction.



Compulsory

**Use only the specified voltage.**

Non-specified voltages may cause fire or malfunction.

AC Adapter: AC 100 V-240 V Input

**Do not use power adapters.**

Using AC Adapter with step-up/step-down transformer may cause fire, electric shock or malfunction.



Unplug First

**Grasp plug and unplug AC Adapter from outlet before extended periods of Wi-Fi router disuse.**

Failing to do so may cause electric shock, fire or malfunction.



Unplug First

**If liquid (water, pet urine, etc.) gets into AC Adapter, immediately grasp plug and unplug AC Adapter from outlet.**

Failing to do so may cause electric shock, smoke emission or fire.



Compulsory

**If dust accumulates on AC Adapter plug, grasp plug and unplug AC Adapter from outlet and wipe with a dry cloth.**

Failing to do so may cause fire.



Compulsory

**When plugging AC Adapter into outlet, keep conductive materials (pencil lead, metal fragments, necklaces, hairpins, etc.) away from AC Adapter prongs/Micro USB Cable plugs; plug AC Adapter firmly into outlet.**

Failing to do so may cause electric shock, short circuit, fire, etc.



No wet hands

**Do not plug/unplug AC Adapter with wet hands.**

May cause electric shock or malfunction.





Prohibited

If thunder is heard, do not touch AC Adapter.  
May cause electric shock.

### CAUTION



Unplug First

Firmly hold plug and unplug AC Adapter from outlet before cleaning.  
Failing to do so may cause electric shock.



Compulsory

Do not unplug AC Adapter by pulling the cord. Firmly hold plug and unplug AC Adapter.  
Pulling the cord may damage the cord resulting in electric shock or fire.



Prohibited

When AC Adapter is connected to an outlet, do not pull on cord or otherwise subject AC Adapter to strong shock.  
May cause injury or malfunction.



Prohibited

Do not touch Wi-Fi router with sweaty hands or place it into a sweaty clothes pocket.  
Sweat and humidity may corrode internal components of Wi-Fi router and cause overheating or malfunction.



Prohibited

Do not pull, bend with excessive force or twist Micro USB Cable.  
Do not damage or modify Micro USB Cable. Do not place objects on Micro USB Cable.  
Do not expose Micro USB Cable to heat; avoid heaters.  
Damage to Micro USB Cable may cause electric shock, overheating or fire.

## Electronic Medical Equipment

### CAUTION

This section is based on "Guidelines on Safeguarding Medical Equipment from Electromagnetic Waves from Mobile Phones and Other Devices" (Electromagnetic Compatibility Conference Japan), and "Research Report on the Influence of Electromagnetic Waves on Medical Equipment" (Association of Radio Industries and Businesses, March 2001).



Compulsory

Keep Wi-Fi router at least 22 centimeters away from implanted cardiac pacemaker or implanted defibrillator.  
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 the following in medical institutions. Radio waves from Wi-Fi router may affect electronic medical equipment.

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying Wi-Fi router.
- Power off Wi-Fi router in hospitals.
- Even in lobbies or other places where Wi-Fi router use is permitted, turn off Wi-Fi router near electronic medical equipment.
- Obey medical facility rules on use.



Compulsory

Do not use in crowds/trains. People with implanted pacemaker/defibrillator may be near.  
Radio waves may interfere with the operation of implanted cardiac pacemakers or implanted defibrillators.

## Usage Basics

- Wi-Fi router transmissions may be disrupted inside buildings, tunnels, or underground, or when moving into/out of such places.
- Use Wi-Fi routers without disturbing others. Theaters and public transportation systems may or may not allow use of Wi-Fi router.
- Wi-Fi routers are radios as stipulated by the Radio Law. Under the Radio Law, Wi-Fi router must be submitted for inspection upon request.
- Files may be lost or damaged in the following situations. SoftBank Mobile is not liable for damages incurred due to lost or altered information. To minimize damages, back up data and store separately.
  - When using Wi-Fi router incorrectly.
  - When affected by static electricity or electrical noise.
  - Powering Wi-Fi router off while in use...
  - When Wi-Fi router breaks down or is submitted for repair.
- The Ordinance of the Ministry Specifying Goods and Technologies Pursuant to Provisions of the Appended Table 1 of the Export Trade Control Order and the Appended Table of the Foreign Exchange Order documents might be needed depending on what kinds of devices are taken overseas, but if Wi-Fi router is taken abroad on trips or short business trips for personal usage, they essentially are not needed when bringing it back in. However, if Wi-Fi router is used by other individuals or handed over to them, an export license may be required. In addition, if Wi-Fi router is taken to countries (Cuba, North Korea, Iran, Sudan and Syria) which are subject to U.S. government stipulated export restraints, then U.S. government export licenses might be required. For details on the particulars of regulations for export laws and ordinances and procedures visit the Ministry of Economy, Trade and Industry's Security Export Control Division's website.

- Do not use Wi-Fi router in the proximity of areas where explosive materials are handled. An explosion may be induced. In addition, explosive devices might be affected.
- Wi-Fi router USIM Card cannot be used with some mobile devices (including SoftBank models).
- If Wi-Fi router is used for a long time or while charging, Wi-Fi router may become hot.
- Prolonged contact with skin may cause burn injuries.
- AC Adapter may become hot while charging.

## Aboard Aircraft

- Radio waves may impair aircraft operations; power off Wi-Fi router while aboard aircraft. If Wi-Fi router use is allowed, follow the instructions of airline personnel.

## Handling

- Do not expose Wi-Fi router to rain, snow, or high humidity. Wi-Fi router is not waterproof.
- Avoid extreme temperatures/direct sunlight/dusty areas.
- Do not drop or subject Wi-Fi router to shocks.
- Clean Wi-Fi router with soft dry cloth. In addition do not use alcohol nor thinners since their use may fade colors and lettering.

## Wi-Fi (WLAN)

### ■ Precautions

- Do not use Wi-Fi (WLAN) near magnetic devices such as electrical appliances or AV/OA devices, or where there are electromagnetic waves.
  - Magnetism or electrical noise may increase noise or disable communications (especially when using a microwave oven).
  - Wi-Fi router use near TV, radio, etc., may cause interference.
  - The target access point may not be detected correctly if there are multiple access points nearby.
- Wireless Frequencies & Modulations  
Wi-Fi frequency information: Inside Wi-Fi router battery cover.



- 2.4: 2400 MHz range  
FH/OF: DSSS or OFDM modulation  
4: Maximum interference range of 40 m  
■ ■ ■: Utilizes 2400 - 2483.5 MHz band with mobile device

- Available channels vary depending on the country.
  - For use aboard aircraft, contact the airline beforehand.
- If using WLAN abroad, confirm usable frequency, laws and regulations in that country.

## 2.4 GHz Device Cautions

Wi-Fi router operates in the same frequency band used by industrial, scientific, consumer and medical equipment including microwave ovens, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring a license) and amateur radio stations (radio stations requiring a license).

1. Before using Wi-Fi router, confirm that on-site wireless base stations for identifying mobile units, specified low power radio stations and amateur radio stations are not being operated nearby.
2. If Wi-Fi router causes disruptive radio interference to on-site wireless base stations for identifying mobile units, immediately change frequency band, stop use, move to another location to avoid crosstalk (e.g. wall partitions, etc.).

### ■ WLAN Usage Security Precautions

Using Wi-Fi router without setting security increases risk of data interception. Wi-Fi router security is set by default. SoftBank recommends changing default security settings to enhance data safety. For more information on security settings, see this guide or Wi-Fi device guide.

- For assistance with security settings, contact SoftBank Customer Support P.7-3).
- SoftBank cannot be held liable for WLAN security issues.

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