

# 1

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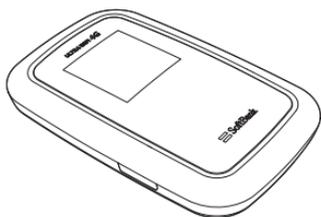
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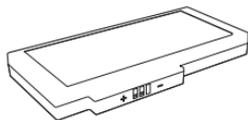
# Getting Started

## Package Contents

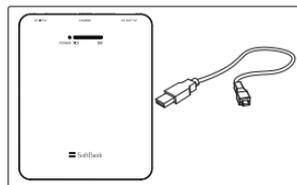
The following items are included in the package.  
Confirm package contents before use.  
Contact SoftBank Customer Support (P.8-3) for missing items.



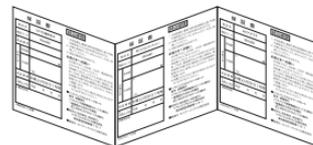
101SI



Battery (SIBAB1)



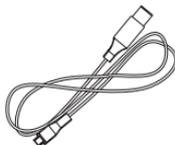
Mobile Battery (SIKAB1)



Warranty  
(Unit x 1, AC Adapter x 1,  
Mobile Battery x 1)



AC Adapter (SICAB1)



USB Cable (supplied)



Quick Start (Japanese)

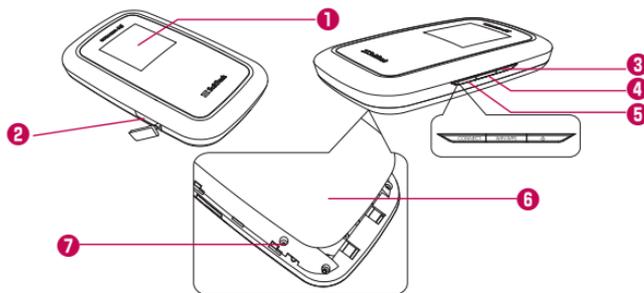


WLAN default setting sticker

# Getting Started

## Part Names & Functions

### ■ Contents and Descriptions



#### 1 Display

- Mobile Router status appears. See "Display" (P.1-4).

#### 2 External Device Port

- Connect supplied USB Cable.

#### 3 Power Key

- Press for two seconds to toggle power On/Off. Power On to enable WLAN and connect to Internet automatically.

#### 4 WiFi/WPS Key

- Press for two seconds to toggle enable/disable Wi-Fi.
- Press for five seconds after Wi-Fi is already activated, WPS (Wi-Fi Protected Setup) activates. Easily set WLAN connections for WPS equipped WLAN terminals in use. See "Connecting WPS Supported Wi-Fi Devices" (P.2-7).

#### 5 CONNECT Key

- Press for about 5 seconds In Normal Mode then release to shift to Bridge Mode. To return to Normal Mode, power Off/On then reactivate.
- If disconnected from 4G/3G network, press CONNECT Key for two seconds to reconnect to the network.

\* For details about Bridge Mode, see "Bridge Mode" (P.1-6).

#### 6 Battery Cover

#### 7 Reset Key

- If you press more than 10 seconds, settings return to default.

# Getting Started

## Display



No.	Item	Description
1	Signal Strength	Signal Strength of 3G or 4G network No Service  Weak  Strong
2	WLAN Status	Status of WLAN operation WLAN is On  WLAN is Off (no icon)
3	Available service	MAIN AREA SoftBank Data Transfers service is available
4	WPS Status	Status of WPS function WPS WPS is enabled
5	Network Status	Status of available network 3G ULTRA SPEED area is available* 4G SoftBank 4G area is available*
6	Battery Strength	Status of Battery strength High    Low Charging  Fully charged
7	Status Notifications	Status Notifications in text
8	Number of WLAN clients	Number of devices connected to WLAN (10 clients maximum in Normal Mode) 0 No client  2 two clients
9	Bridge Mode Status	Connection Mode Bridge Mode  Normal Mode (no icon)

\* See SOFTBANK MOBILE Corp. Website.

## Status Notifications

Display	Status
USIM未挿入です No USIM Card	USIM Card is not inserted
無効なUSIM Invalid USIM	Inserted USIM is invalid
PINコード入力 Enter PIN Code	Waiting for PIN entry
PUKコード入力 Enter PUK Code	Waiting for PUK entry
PUKロック USIM PUK Lock USIM	PUK is completely locked
接続中 Connecting	Connecting to 3G or 4G network
接続失敗 Connection Failed	Failed to connect to 3G or 4G network
接続 Connected	Connected to 3G or 4G network

## Getting Started

Display	Status
WPS実行中 WPS Processing	WPS is processing
WPS失敗 WPS Failed	WPS has failed
WPS成功 WPS Succeed	WPS has succeeded
充電中 Battery Charging	Battery is charging
充電完了 Battery Full	Battery is full
電池残量不足 Low Battery	Battery is low Immediately charge battery
電池残量なし Battery Empty	Battery is empty
アップデート Updating Software	Software is updating
アップデート完了 Update Complete	Software update completed

Display	Status
アップデート失敗 Update Failed	Software update has failed
Bridge Mode ON...	Switching from Normal Mode to Bridge Mode
モデム更新失敗 再トライしてください Modem Upgrade failed. Try again	Modem upgrade has failed. Try upgrade again
工場出荷時のデフォルト Factory Default	Resetting to factory default settings in progress
デフォルト完了 Factory Default Complete	Resetting to factory default settings completed
USB Mode	USB Mode is functioning
USB Mode ON...	USB Mode is switching On
USB Mode OFF...	USB Mode is Off

# Getting Started

## Bridge Mode

### ■ Overview

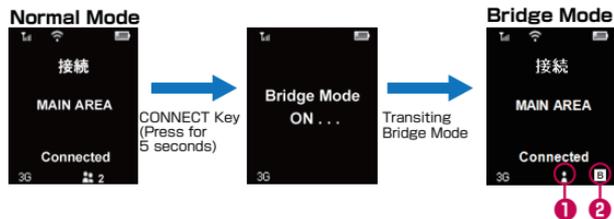
Switch functions from Normal Mode to Bridge Mode to enable faster Internet connections.

### ■ Operating Specifications

#### Transition to Bridge Mode

In Normal Mode shift to Bridge Mode by pressing CONNECT Key for about five seconds when connected to 4G/3G network. Functions are temporarily disabled during transition to Bridge Mode, then they are enabled again.

Mobile Router's Display shows the following during transition to Bridge Mode.



No.	Item	Description
1	WLAN connection Status	Icon appears when WLAN terminal is connected.
2	Bridge Mode Status	Icon appears in Bridge Mode.

#### Returning from Bridge Mode

Power Mobile Router Off/On by pressing Power Key to return to Normal Mode from Bridge Mode.

#### 4G/3G connection is disconnected in Bridge Mode

If 4G/3G network becomes disconnected in Bridge Mode, press CONNECT Key for two seconds to enable the network connection again. WLAN function is disabled while the network is disconnected, but after the network is connected to, WLAN function is automatically enabled.

### ■ Bridge Mode Restrictions

- Only one WLAN terminal can be connected. When connecting another terminal besides an already connected WLAN terminal, power Off/On to deactivate Bridge Mode once, then shift to Bridge Mode again.
- Only SSID connection is available. Multi-SSID is unavailable.
- Web UI is unavailable.
- All other filter functions except for MAC address filter are disabled. Although MAC address filter is enabled, since Web UI cannot be used in Bridge Mode, filter settings need to be set in Normal Mode. See, "Filtering Setting" on P.5-9.
- If 4G/3G network connection gets disconnected during WLAN connection, WLAN function is disabled and connection is disconnected. When network connection is restored, WLAN is automatically enabled. Reconnect WLAN connection.

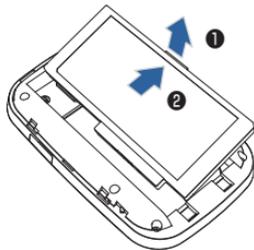
# Getting Started

## USIM Card

USIM Card is the property of SoftBank Mobile. IC chip contains customer information including phone number. Install USIM Card beforehand. USIM Card required for data transfers. See USIM Card user guide (Japanese).

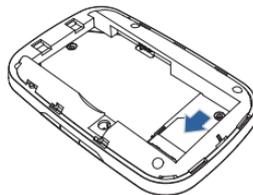
### ■ Installing USIM Card

- 1 If Mobile Router is On, power Off by pressing Power Key for two seconds. Remove USB Cable if it is connected
- 2 Slide Battery Cover in the direction of the arrow to remove it
- 3 When Battery is installed, lift Battery in the direction of ①, and move it in the direction of ② to remove it

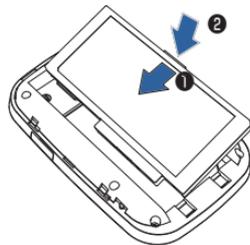


- 4 Insert USIM Card into Card slot with IC chip down
- 7 Replace Cover with IC chip down

- 5 Confirm USIM Card installation



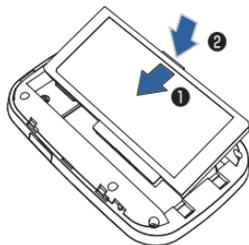
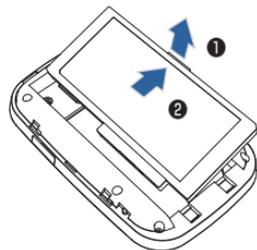
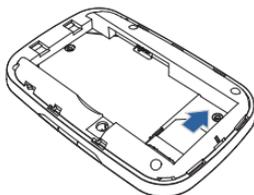
- 6 With label up, ① slide forward, ② press down to insert



# Getting Started

## ■ Removing USIM Card

- 1 If Mobile Router is On, power Off by pressing Power Key for two seconds. Remove USB Cable if it is connected
- 2 Slide Battery Cover in the direction of the arrow to remove it
- 3 When Battery is installed, lift Battery in the direction of ①, and move it in the direction of ② to remove it
- 4 Slide USIM Card out and remove it from Card Slot



## ⑥ Replace Cover



- ▶ Avoid touching IC chip; may cause damage.  
Forcibly inserting/removing USIM Card may damage it.
- ▶ Be careful not to lose removed USIM Card.
- ▶ Prevent children from accidentally swallowing USIM Card.

# Getting Started

## Battery

Mobile Router uses a Li-ion polymer Battery with 2,190 mAh.

### ■ Inserting Battery

Insert Battery before use. For Battery installation steps, see "Installing USIM Card" (P.1-7).

▶ Make sure you power Off when removing Battery. Failure to do so may result in the device not working properly and other damage.

### ■ Charging Battery

Battery is not shipped fully charged. Charge Battery fully before using Mobile Router.

#### CAUTION

Mobile Router unit gets hot during charging.

To avert risks, do not charge under high-temperature conditions such as under kotatsus or near heaters, inside of bags or bundled in fabric, etc. Charge in well-ventilated areas.

### Charging via AC Adapter

- 1 Insert USB Cable into Mobile Router's External Device Port
- 2 Insert USB plug into AC Adapter
- 3 Plug AC Adapter into AC outlet



### Charging via Mobile Battery

- 1 Insert USB Cable into Mobile Router's External Device Port
- 2 Connect USB plug to Mobile Battery

\* Use supplied USB Cable to charge.

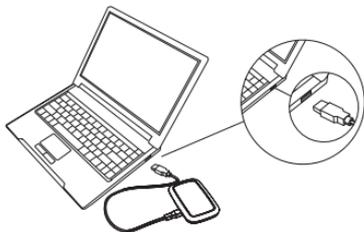


# Getting Started

## Charging by PC via USB Cable

- 1 Insert USB Cable into Mobile Router's External Device Port
- 2 Insert USB plug into PC USB port

Connecting Mobile Router to PC for the first time activates Utility Software and driver installer automatically. See P.3-2-P.3-5.



► Change USB connection mode to Charge mode via Web UI system setting for charging when connected to PC. See "System Setting" P.5-16.

## Battery Strength

Battery Strength indicator appears at top of Display. See "Display" (P.1-4).

## ■ Charging Precautions

Take note of the following details when charging Battery.

- Install Battery before charging.
- Use the designated AC Adapter, Mobile Battery or USB Cable.
- Battery discharges even if Mobile Router is not in use. Recharge Mobile Router even if unused for a long period of time.
- Charging Time Estimates

Charging method	Charging times
Charging via AC Adapter	About 3 hours
Charging via Mobile Battery	About 3 hours
Charging by PC via USB Cable	About 5.5 hours

\* Mobile Router power is Off. The time it takes to fully charge may vary depending on ambient temperatures and duration of Battery use.

- Operating time estimates

Use conditions		4G connection	3G connection
Standby	Not using Mobile Battery	About 10 hours	
	Using Mobile Battery	About 29 hours	About 30 hours
Continuous communications	Not using Mobile Battery	About 3 hours	About 3.5 hours
	Using Mobile Battery	About 8.5 hours	About 9 hours

\* Standby and continuous communications operating time may vary depending on usage environment and signal conditions.

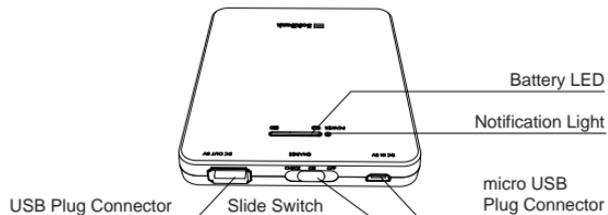
- Battery operating times are shortened by repeated charging/discharging. When operating time is short even if Battery is charged via proper procedures, replace with a stipulated new Battery.

# Getting Started

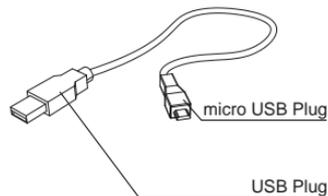
## Mobile Battery

### ■ Part Names

<Mobile Battery>

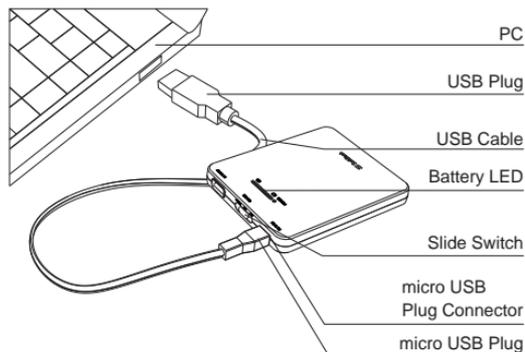


<USB Cable>



### ■ Charging Method

<Charging Mobile Battery>



- 1 Connect USB Cable into micro USB plug connector of Mobile Battery
- 2 Connect USB plug into AC Adapter or USB port of a running PC. Notification Light goes on, and charging begins

- See "Reading Notification Light" (P.1-13).
- Charging time (from empty Battery to full charge): about 7.5 hours (using AC Adapter)
- Do not charge Mobile Battery for long periods of time (more than one day).
- Regardless of Slide Switch On/Off, initiate charging by feeding power via USB Cable to Mobile Battery.

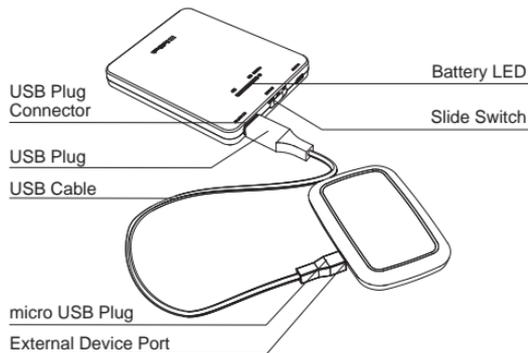
## Getting Started

### 3 Notification Light turns green when charging completed

- When charging, do not connect other devices to other USB ports of PC.
- Do not use a USB hub to charge.
- Do not use other USB Cables except for the supplied one to charge Mobile Battery.
- Do not charge Battery with unspecified procedures.

### <Charging Mobile Router>

- Use supplied USB Cable for Mobile Battery or USB Cables which are specified in this manual.
- Confirm that Battery is installed in Mobile Router.
- Before charging Mobile Router, check remaining charge in Mobile Battery.
  - \* If Mobile Battery is not completely charged, then Mobile Router might not be fully charged.



### 1 Connect micro USB plug of USB Cable to Mobile Router's External Device Port

### 2 Connect USB plug of USB Cable to Mobile Battery's USB plug connector

### 3 Shift Slide Switch to On, Battery LED lights up (Reading Battery LED, P.1-13), then Mobile Router starts to charge. Battery LED goes out after two - three seconds, but charging continues

- If Battery LED does not light on, Mobile Battery is depleted. Charge Mobile Battery.

### 4 After charging is completed, unplug USB Cable

- See P.1-4 regarding Mobile Router charging indications.
- After charging has completed, promptly unplug USB Cable.
- If Mobile Battery has remaining charge, Mobile Router can be charged again.

## Getting Started

### ■ Using Slide Switch

Use to toggle Mobile Battery power On/Off. Use to also check Mobile Battery strength.

Slide Switch Position	Status	Function
	Power OFF	<ul style="list-style-type: none"><li>• Power Off</li></ul>
	Power ON	<ul style="list-style-type: none"><li>• Power On</li><li>• When Mobile Battery and Mobile Router are connected by USB Cable, Mobile Router starts charging. However, if Mobile Battery is being charged, Mobile Router cannot be charged.</li></ul>
	Mobile Battery Strength indicator	<ul style="list-style-type: none"><li>• Shift Slide Switch for more than one second towards CHECK, and Battery LED lights up. Release it and Battery LED goes out after about two or three seconds.</li></ul>

### ■ Reading Battery LED

Shift Slide Switch for more than one second towards CHECK, and Battery LED lights up. Release it and return it to On, and Battery LED goes out after lighting up for about two or three seconds. Battery LED indicates Mobile Battery strength as per the following (varies according to usage environments).

Indicator status (level)	Mobile Battery strength level (while charging Mobile Router)
	More than 95%
	More than 75% and less than 95%
	More than 40% and less than 75%
	More than 15% and less than 40%
	Less than 15%

\* Mobile Battery LED indicator status varies depending on the Battery strength level of Mobile Router.

### ■ Reading Notification Light

Indication of Notification Light	Color	Status
Lit	Red	Mobile Battery is charging
	Green	Mobile Battery charging complete
	Blue	Mobile Router is charging
Not lit	-	Power Off, or not charging

\* Even if PC or AC Adapter and Mobile Battery are connected, Notification Light might not light up, indicating charging might not have been accomplished.

## Getting Started

### ■ Correct Usage of Mobile Battery

- Put Battery into Mobile Router when charging Battery.
- Battery can be charged while Mobile Router is powered On, but charging takes longer.
- Do not overcharge (more than one day) Mobile Battery.
- Mobile Battery unit gets hot during charging.  
To avert risks, do not charge under high-temperature conditions such as under kotatus or near heaters or in bags or bundled in fabric, etc. Charge in well-ventilated areas.
- Store Battery in a well-ventilated cool place not exposed to direct sunlight.
- Care for Battery by wiping it with a dry soft cloth (such as an eyeglass cleaning cloth). Wiping Battery with a wet cloth may cause it to malfunction. In addition, wiping Battery with alcohol, thinners, benzene, and cleansers, etc. may cause the printing to come off, and discoloration.
- If using Mobile Battery, it takes somewhat longer to charge Mobile Router in comparison to normal charging.
- Mobile Battery is a consumable product.  
This differs according to usage conditions, but it is time to replace Mobile Battery when usage times become considerably shorter, even though Battery is fully charged. Purchase a new Mobile Battery.
- Charge Mobile Battery before using it initially, or after it has not been used for a long time. In these cases, charge Mobile Battery with Mobile Router unconnected.

- Avoid storing Mobile Battery under the following conditions.
  - Storing it fully charged (right after being completely charged).
  - Storing it fully depleted (used up to the point where it does not power on Mobile Router).

This might diminish Mobile Battery's performance and life span. It is best to store Mobile Battery when its Battery LED is level 3.

- When radios or televisions produce static, distance and use Mobile Battery as far away from radios and televisions, etc., as possible.
- Cautions pertaining to connecting Mobile Battery to Mobile Router.
  - Even if Mobile Router is connected to a PC via Mobile Battery, data transfers cannot be performed via USB mode.
  - Mobile Router cannot be charged while Mobile Battery is charging.
  - Do not connect Mobile Battery as per the following illustration.

