

SH80F

Instruction Manual (extract)

Declaration of Conformity

CE0168 

The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.

Hereby, Sharp Telecommunications of Europe Ltd, declares that this SH80F is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

A copy of the original declaration of conformity can be found at the following Internet address:

<http://www.sharp-phone.com/>

Caution

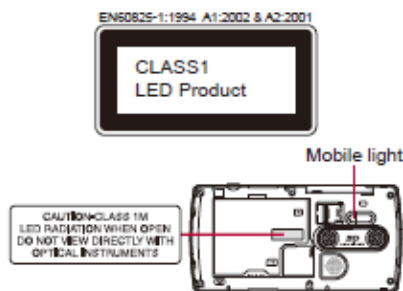
Use only the battery packs (SH30) ,adapters (including micro USB cable) (SH10) and headset (SH40) specified by SHARP for use with the terminal.

May cause fires, burns, bodily injury or electric shock.

Do not point the illuminated light directly at someone's eyes. Especially when you shoot still pictures or moving pictures of young children, keep 1 m or more distance from them.

Do not use Mobile light near people's faces. Eyesight may be temporarily affected leading to accidents.

Precautions:The Mobile light source used for this product may emit the light over the safety level for eyes when operations such as undirected adjustments are intentionally made. Therefore, do not disassemble the terminal.



Mobile light source LED characteristics

- a) Continuous illumination
- b) Wavelength
White: 400-700 nm
Red: 600-670 nm
- c) Maximum output
White: 247 μ W (inside terminal 1.46 mW)
Red: 110 μ W (inside terminal 916 μ W)

CAUTION:

Use of controls, adjustments or performance of procedure other than those specified herein may result in hazardous radiation exposure. As the emission level from Mobile light LED used in this product is harmful to the eyes, do not attempt to disassemble the cabinet. Servicing is limited to qualified servicing station only.

Earphone Signal Level

The maximum output voltage for the music player function, measured in accordance with EN 50332-2, is 55 mV.

Do not throw the battery pack into a fire.

The battery pack may catch fire, explode, overheat or leak.

Do not dispose of used battery packs in ordinary garbage.

May cause fires or damage to the environment. Place tape over the terminals to insulate unnecessary battery packs, and take them to retailer or institution that handles used batteries in your area.

Avoid using the handset in extremely high or low temperatures.

Use the terminal within the range of a temperature between 5°C and 35°C and a humidity between 45% and 85%.

Charge battery in areas where ambient temperature is between 5° C and 35° C.

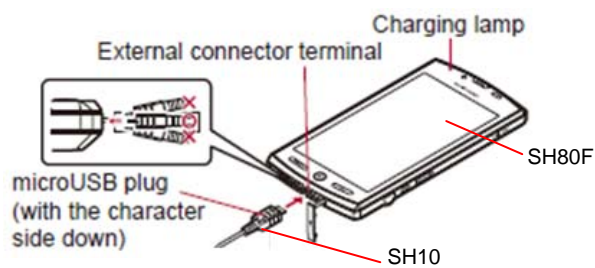
Charging with AC adapter

- 1) Insert the AC adapter connector horizontally into the external connector terminal of the micro USB cable.

Check the direction (front or rear) of the connector, keep it parallel with the micro USB cable and securely push all the way in.

- 2) Open the external connector terminal cover of the terminal and insert the microUSB plug of the micro USB cable horizontally into the external connector terminal.

Insert the microUSB plug horizontally with the character side turned down.



- 3) When inserting the AC adapter power plug into an outlet, charging lamp illuminates and charging starts

- 4) When charging lamp turns off, charging is complete

When charging is complete, remove the microUSB plug horizontally from the terminal.

When removing the connector from the micro USB cable and unplug it horizontally.

Do not forcibly insert or remove. May cause damage to the external connector terminal, the microUSB plug and the connector.

Pull the adapter out of the outlet if it will not be used for a long time.

Do not forcibly pull the external connector terminal cover. May damage the cover.

Do not place objects near the terminal when charging. May damage the terminal.

Turning power ON/OFF

Turning power ON

[G] (for at least 2 seconds)

Turning power OFF

[G] (for at least 1 second) ▶ [Power off] ▶ [OK]

Sleep mode

The screen is off and the sleep mode is activated when [G] is pressed or the terminal is not in use for a set length of time.

Press [G] in the sleep mode to deactivate the sleep mode.

Touch panel lock

When the power is turned on or the sleep mode is deactivated, the touch panel is locked.

Keep touching [G] and slide it up into [G] to unlock.



Key operation in touch panel unlock screen

To set/disable silent mode: [G] (for at least 1 second)

To illuminate Mobile light: [D] (for at least 1 second)

Press any key or touch [G] to turn off.

To turn off power: [G] (for at least 2 seconds)

Basic operation

Operation of touch panel

You can operate by touching the touch panel (display) directly with your finger.

Operations differ depending on the function and screen in use.

Operations differ depending on the function and screen in use.

The touch panel is designed to be lightly touched with your finger. Do not forcefully press with your finger or press with a pointed object (fingernail, ballpoint pen, pin, etc.).

In the following cases, the touch panel may not work even if you touch it. May cause a malfunction.

- Operation with a gloved finger
- Operation with a fingernail
- Operation with foreign objects placed on the operation pad
- Operation on the touch panel on which a protective sheet or a sticker is put

Touch

Touch a key or an item displayed on the screen to select or set it.

- 1) Put your finger on the touch panel and put it off



Touch for a while

When you touch the screen for a while, a menu may appear depending on the function and screen in use.

- 1) Keep your finger on the touch panel

Slide

Slide up/down while a menu is displayed etc. to scroll the screen. When you touch a menu or item by mistake, slide away from the menu or item to cancel the selection.

- 1) Keep your finger on the touch panel and slide it



Quickly slide

Quickly slide to the left/right in the home screen etc. to switch pages.

- 1) Quickly slide your finger and put it off






Put a distance between two fingers apart/closer

Put a distance between two fingers apart/closer while displaying an image etc. to zoom in/out.




- 1) Put two fingers on the touch panel and slide them with putting a distance between two fingers apart/ closer



Making a call

- 1) In the home screen,  ► [Phone]
- 2) Enter a phone number
- 3) 
- 4)  to end the call

Receiving a call

- 1) When a call is received, the ring tone sounds and the incoming lamp flashes
- 2) Keep touching  and slide to the right
To place a call on hold: Keep touching  and slide to the left
- 3)  to end the call

Wi-Fi settings

Wi-Fi allows you to access the Internet using wireless LAN function. To use Wi-Fi, you need to connect to the wireless LAN access point (Wireless LAN base unit).


Packet communication is also available while Wi-Fi function is enabled. Wi-Fi connection is prioritized while Wi-Fi connection is set, but the connection will be automatically switched to that of packet communication once Wi-Fi connection is terminated. Note that packet communication charges will be incurred in such case.

Refer to the manual of your wireless LAN base unit when using the access point at home.

Operate access point registration near the access point.

Wireless LANs (IEEE 802.11b/g/n) use the same frequency band (2.4 GHz) as the Bluetooth device. Therefore, using the wireless LAN device near a Bluetooth device may cause the radio interference, lowering of communication speed, noise or connection fail. In this case, turn off the Bluetooth device or keep the terminal and the wireless LAN device at least approximately 10 m away from the Bluetooth device.

Enable Wi-Fi function in advance.

- 1) In the home screen,  ► [Settings] ► [Wireless & networks] ► [Wi-Fi settings]
- 2) Select an item

Wi-Fi: Enable Wi-Fi function.

Network notification: You get notified by the notification icon when open Wi-Fi network is detected.

Wi-Fi sleep policy: Set the timing to switch Wi-Fi sleep.

Add Wi-Fi network: Register access points which are not compatible with WPS manually.

Available access points are displayed as items in “Wi-Fi networks”. To connect, select an access point to be used ► [Connect].


[Easy Wi-Fi registration]

The registration process takes a few minutes. After completion of the registration of the access point, check that the proper connection to the access point is acquired.

[Add Wi-Fi network]

This function supports WEP, WPA/WPA2-PSK,802.1xEAP as for the security setting.


Disconnecting

- 1) In the home screen,  ► [Settings] ► [Wireless & networks] ► [Wi-Fi settings]
- 2) Select the connected access point ► [Forget]

Bluetooth settings

Enable Bluetooth function in advance

To register/connect a Bluetooth device, the Bluetooth passkey may need to be entered. Before starting the registration, decide the 1- to 16-digit number. Enter the same number on the terminal and the other party's Bluetooth device.

- 1) In the home screen, [] ▶ [Settings] ▶ [Wireless & networks] ▶ [Bluetooth settings]
- 2) Select an item

Bluetooth: Enable Bluetooth function.

Device name: Change the terminal's name.

Discoverable: Set whether to receive a search request from other Bluetooth devices.

Detailed Bluetooth Settings: Set Bluetooth function.

Scan for devices: Search for the Bluetooth devices around the terminal and register them in it.

Set the other party's Bluetooth device to the registration stand-by status in advance.

You can connect more than two devices simultaneously. However, when hands-free (headset) and audio are connected with each other, you cannot hear the audio sound during a hands-free call.

If you fail to connect, connection may become available after re-registration of Bluetooth devices.

[Bluetooth]

When the Bluetooth function is enabled, the terminal is set to receive a registration request/connection request from other Bluetooth devices. Enable Discoverable in advance to allow the terminal to be searched for by other Bluetooth devices.

While in connection stand-by, even if a connection request from a Bluetooth device is received, connection may not be made depending on the signal strength etc.

[Discoverable]

Setting is disabled automatically when a certain period of time passed after enabling.

[Scan for devices]

For details on the operations of the other party's Bluetooth device, refer to the manuals of the Bluetooth device to be used.

When receiving registration request from Bluetooth device or connection request from unregistered Bluetooth device

- 1) Registration request/Connection request from Bluetooth device
- 2) Touch the status bar/select registration request connection request
Enter the Bluetooth passkey if necessary.

SAR

European RF Exposure Information

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 0.633 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.

FCC Notice

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

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

Information to User

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio

communications.

However, there is no guarantee that interference will not occur in a particular installation; if this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg.

The tests are performed in positions and locations (e.g., at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this model handset when tested for use at the ear is 0.377 W/kg and when worn on the body, as described in this user guide, is 0.536 W/kg.

Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of

<http://www.fcc.gov/oet/ea/fccid/> after searching on FCC ID APYHRO00156.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Website at <http://www.ctia.org/>.

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