

# EPIVALLEY SER-8189 QSG



Thank you for purchasing EpiValley SER-8189.

## Note.

- This manual briefly describes the preparation, the process for installing and safety precautions for using SER-8189 router.
- You are recommended to read the manual before using the SER-8189.

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## Care and Maintenance

It is normal that your wireless device gets hot when you use it.

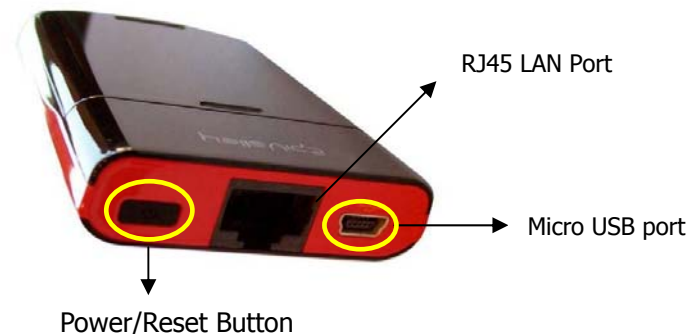
- Use your wireless device and accessories with care and in clean environment.
- Keep the wireless device from a fire or a lit cigarette.
- Protect your device and accessories from water and vapor and keep them dry.
- Do not drop, throw or bend your device.
- Clean your device with a piece of damp and soft antistatic cloth.
- Do not use any chemical agents (such as alcohol and benzene), chemical detergent, or powder to clean it.
- Do not leave your device and accessories in a place with a considerably low or high temperature.
- Use only accessories of the wireless device approved by the manufacturer.
- Contact the authorized service center for any abnormality of the device or accessories.
- Do not dismantle the device or accessories. Otherwise, the device and accessories are not covered by the warranty.

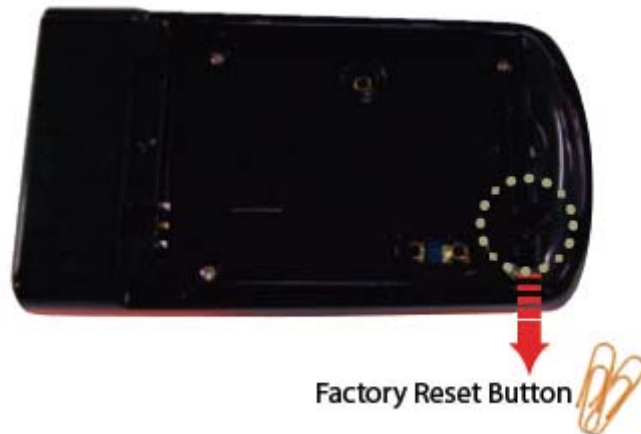
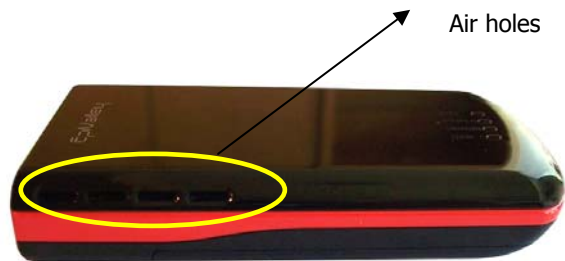
## Part 1. Getting to know the SER-8189

### 1.1 Package Contents

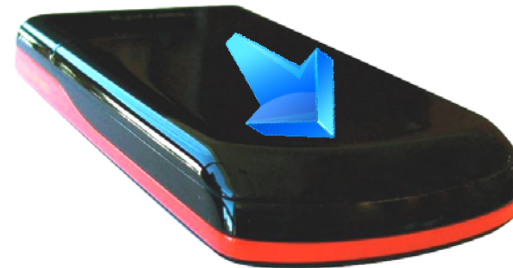
- EpiValley SER-8189 Mobile Hotspot Router
- QSG (Quick Start Guide)
- AC-DC Travel Adaptor
- Carrying Pouch
- Li-ion 1,350mAh battery
- RJ45 slot rubber cover
- RJ45 Cable(500mm)

### 1.2 Consists of SER-8189





Slide open the battery compartment door by firmly pressing in the direction of the arrows.



2. Insert the battery by lining up the gold contact points on the battery with the gold contact points in the battery compartment. Then press down gently until the battery is seated.



## Part 2. Setting up the SER-8189

### 2.1 Charging the battery

1. The battery compartment is located on the bottom of the device.

3. Replace the battery cover and slide it closed while pressing gently until it

locks into place.

4. Connect the micro USB end of the AC-DC adapter to the micro USB port of the device.



#### Note

- You must have a fully charged battery the first time you use the SER-8189.
- After the first use, you may use the device while it is connected to the AC-DC adapter.
- When using battery power, the device lasts up to 2.5 hours (when connected to a single device only).
- The battery will discharge more rapidly as additional devices access the SER-8189.

## 2.2 Battery Tips

#### Warning

Use only EpiValley approved or EpiValley Wireless approved batteries and chargers with your device.

The failure to use a EpiValley approved or EpiValley Wireless-approved battery and charger may increase the risk that your device will overheat, catch fire, or explode, resulting in serious bodily injury, death, or property damage.

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

\_ If you connect your device to your computer using a USB data cable, the battery will charge. However, the device will not function as a wireless access point while connected to your computer.

\_ It normally takes at least 3 hours to fully charge the battery with an AC-DC adapter.

\_ New batteries or batteries stored for a long time may take more time to charge.

\_ When charging your battery, keep it near room temperature.

\_ Never expose batteries to temperatures below 32°F (0°C) or above 113 °F (45 °C). Never leave the device in an unattended vehicle due to uncontrollable temperatures that may be outside the desired temperature for this device.

\_ It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.

### 2.3 Extending Battery Life

When you are not using the device, push the power button lightly. Then the WiFi LED indicator turns off and SER-8189 turns to Standby mode. If you want to connect WiFi network again, push the power button lightly again. A blue WiFi LED of indicates that SER-8189 is ready to connect.

### 2.4 Using a LAN cable (RJ45)

If you want to connect to RJ45 LAN cable to the SER-8189, plug the cable to the RJ45 slot located between Micro USB port and power button.



## Part 3. Using the SER-8189

### 3.1 Connecting the SER-8189

When you press the power button:

- \_ The SER-8189 comes on and the power LED lights up.
- \_ A solid green power LED of indicates that the device is charged over 40%.

1. Turn on the SER-8189 ensure your WiFi is enabled on your PC or laptop. You can view your available wireless networks by going through the control panel, network connections or system tray (lower right hand corner of your screen).

2. Select "EPIVALLEY\_SER-8189 XXXX" as your wireless network.

**Note.**

*The last 4 digits, 'XXXX' of the SSID is the endemic numbers or combination of numbers and letters. You can find this unique SSID of your SER-8189 on the label attached in the back side of the SER-8189.*

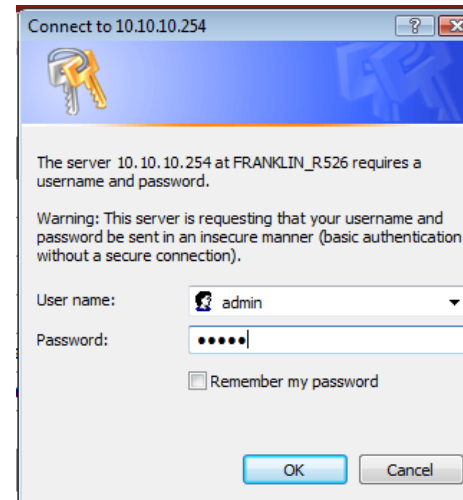
3. Click *Connect*

4. Open your computer web browser and enter <http://10.10.10.254> into the address window and press the *Enter* key.

### 3.2 Opening the Browser Interface

1. Open your Web browser and enter <http://10.10.10.254/> into the address window.

2. Click *Login* button on the right top of the browser. The below pop up message will open to require administrative ID & Password. The default ID and Password is admin/admin.



Type the administrative ID and password into the Login box and click ok.

3. The Browser Interface screen will open.



### 3.3 Device Activation (Windows)

If your device has not been activated at time of purchase, you must activate now.

Before you activate, you need SPC, MDN and MIN from the Carrier providing the service.

Click *Login* button. Then, you will see the pop up screen requiring Manual Activation.

Activation process consists of 2 steps.

- ☛ 1<sup>st</sup> step is to input SPC. Input six '000000' for SPC (the SPC can be unique to the Carrier, confirm with your own Carrier before attempting to activate) and click *Apply*.

| Manual Activation - Step 1 of 2 |                      |
|---------------------------------|----------------------|
| Activation Code (SPC)           | <input type="text"/> |

If the Activation Code is incorrect, you will be asked to try again. If the Activation Code is correct, proceed to the 2<sup>nd</sup> step.

Activation Failed. Please try again.

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- ☛ 2<sup>nd</sup> step is to input MDN and MIN.

| Manual Activation - Step 2 of 2 |                      |
|---------------------------------|----------------------|
| MEID                            | A10000040002F1       |
| MDN                             | <input type="text"/> |
| MIN                             | <input type="text"/> |

Input the 10 digit MDN (Mobile Directory Number) and MIN (Mobile Identification Number) then click *Apply*. The MDN and MIN are provided by your carrier. Please contact your carrier for the correct MDN and MIN.

Activation Successful!!!

### 3.4 Device Activation (Mac)

1. Go to Airport Icon at the right upper corner of desktop tap menu and click

it,



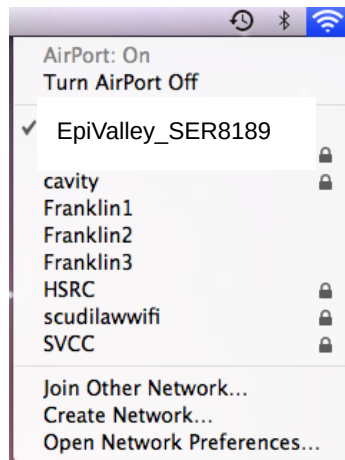
**Airport on**



**Airport off**

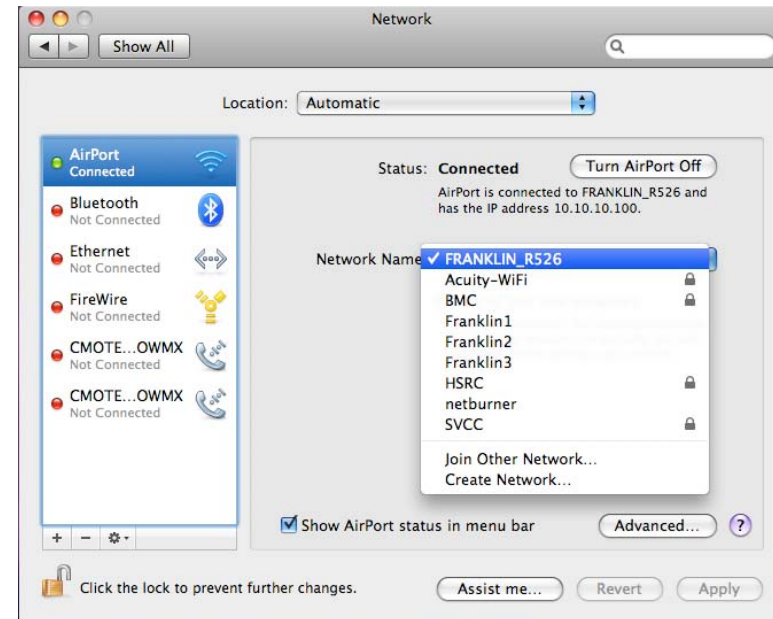


And make it turn on to search the Wi-Fi networks around your place.  
Put the cursor on Airport Icon and turn the Airport on as below.



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2. Choose "Open Network Preferences" on the drop-down menu and select "EPIVALLEY\_SER8189" of your Wi-Fi network and apply it.



## Part 4. Technical Specifications, Regulatory and Safety Information

### 4.1 LED Overview

Your device has Power/Wi-Fi/LAN/CDMA LEDs which provide status information about the device and network.

|  | LED Color | Indicates |
|--|-----------|-----------|
|--|-----------|-----------|



|                                           |                      |           |                        |                         |
|-------------------------------------------|----------------------|-----------|------------------------|-------------------------|
| 1                                         | Power<br>- Power on  | No Light  |                        | No power                |
|                                           |                      | Red       | Blinking               | Battery level under 5%  |
|                                           |                      |           | Solid                  | Battery level under 20% |
|                                           |                      | Orange    | Solid                  | Battery level under 40% |
|                                           | Green                | Solid     | Battery level over 40% |                         |
|                                           | Power<br>- Power off | Orange    | Solid                  | In charging             |
|                                           |                      | Green     | Solid                  | Fully charged           |
| No battery but connected to AC-DC adapter |                      |           |                        |                         |
| 2                                         | Wi-Fi                | No Light  |                        | Radio Off               |
|                                           |                      | Blue      | Solid                  | Radio on                |
| 3                                         | LAN                  | No Light  |                        | Not connected           |
|                                           |                      | Blue      | Solid                  | Connected               |
| 4.                                        | CDMA                 | Red Solid |                        | Not connected           |
|                                           |                      | Green     | Blinking               | Activity                |
|                                           |                      |           | Solid                  | Connected               |

|                       |                                                                     |
|-----------------------|---------------------------------------------------------------------|
| Memory                | Flash : 4M Bytes / SDRAM : 16M Bytes                                |
| RF Band               | CDMA 800/1900MHz Dual Band Support<br>Wi-Fi 2.4GHz Band Support     |
| Data Rate             | CDMA : 3.1Mbps downlink / 1.8Mbps uplink<br>Wi-Fi : 54Mbps          |
| Operating temperature | -30°C to 50°C                                                       |
| Humidity              | 5 ~ 95%                                                             |
| Storage Temperature   | -30°C to 50°C                                                       |
| Operating time        | Running time : 2.5Hrs (When fully charged)<br>Standby time : 7.5Hrs |
| LED indicators        | Power / Wi-Fi / LAN / CDMA                                          |
| Battery and charging  | Li-ion 1,350mAh, 3.7V, Rechargeable                                 |
| Power                 | AC-DC Power Adaptor 5V/2A                                           |

## 4.2 Technical Specification

|              |                                              |
|--------------|----------------------------------------------|
| Size (W,D,H) | 90mm x 50mm x 15mm (3.54 x 1.97 x 0.59 inch) |
| Weight       | About 70g (2.47 oz)                          |

## **Regulatory Information (FCC Statement)**

### **FCC Equipment Authorization ID: R2NSER-8189D**

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.

\* This device should be installed and operated with a minimum distance of 1 cm between the radiator and your body when using it via USB cable.

## **4.3 Trademarks**

EpiValley and the logo are trademarks of EpiValley.

EpiValley Co., Ltd, SER-8189, and the EpiValley Co., Ltd logo are trademarks of EpiValley Co., Ltd.

Windows is a registered trademark of Microsoft Corporation.

## **4.4 Copyright**

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Other marks are the property of their respective owners.

**WARNING:** This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

### **Information to User**

This equipment has been tested and found to comply with the limits for 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:

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