



# SAGEMCOM FAST286 mesh WiFi Extender User Manual

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# SaGEMCOM

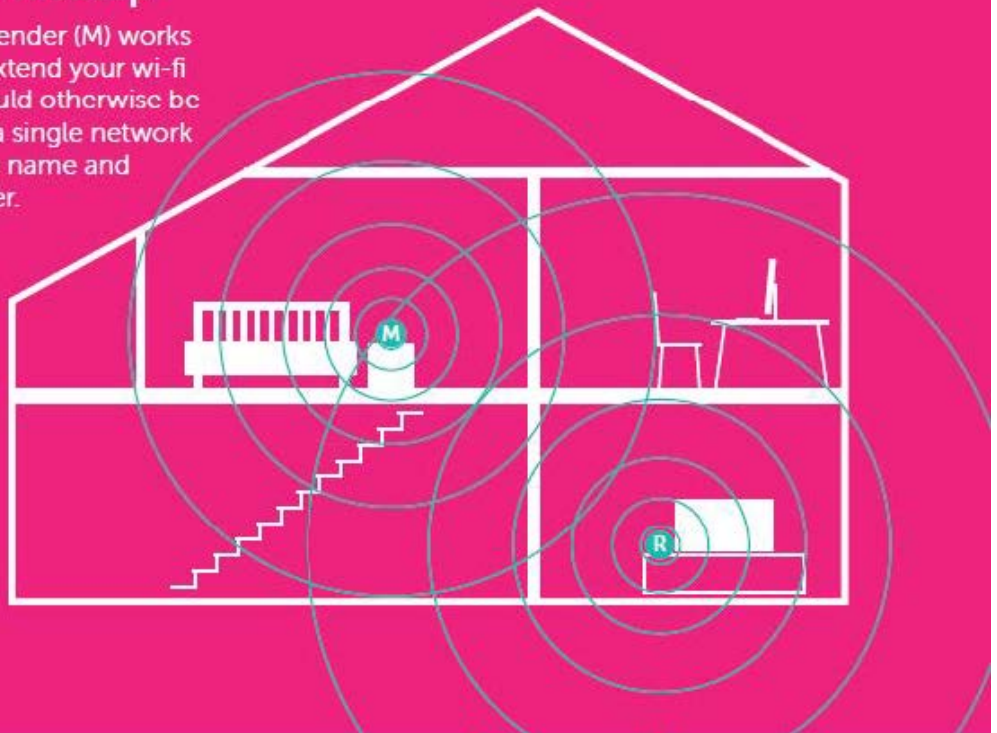
**SAGEMCOM FAST286 mesh WiFi Extender**



### Single mesh wi-fi setup

#### single mesh wi-fi setup

A single mesh wi-fi extender (M) works with the router (R) to extend your wi-fi signal to areas that would otherwise be out of range, creating a single network which shares the same name and password as your router.



### multiple mesh wi-fi setup

## multiple mesh wi-fi setup

Multiple mesh wi-fi extenders (M) can be used to strengthen and broaden the signal to all areas of a property.



## How to use

### setting up with wi-fi

Ensure your router and mesh extender are both plugged in, powered on and within 2 metres of each other.

Press the WPS buttons on your router and mesh extender to start pairing.

When the wi-fi light goes from flashing red to solid red, yellow or green, this means it's successfully paired.

Unplug your mesh extender and move it to a spot between your router and where you want to increase your wi-fi coverage.

The colour of the wi-fi light shows the quality of its connection to the router. Greens means a great connection, yellow means a medium connection and red means a bad connection.



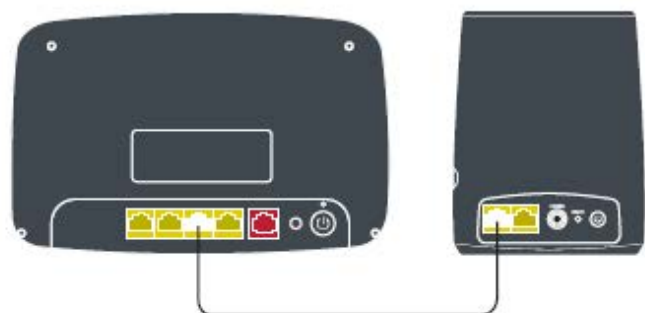
### setting up with ethernet

Place your mesh extender in an area where you want to increase wi-fi coverage which can reach your router via an ethernet connection.

Ensure your router and mesh extender are both plugged in and powered on.

Connect your mesh extender to your router using an ethernet cable (not provided).

Wait until the wi-fi light goes from flashing red to solid green, this means it's successfully paired.



## what is mesh wi-fi?

A mesh wi-fi system consists of a router and a number of mesh extenders, which all work together to create one wireless network which share the same name and password. The mesh network intelligently connects you to whichever router or extender has the best signal, without you having to do anything. This means you can easily

increase the wi-fi coverage and speed throughout your property.

### **how do I connect my devices?**

The mesh network will have the same name and password as your router. This means that any devices which has already connected to your network will connect automatically to the mesh network. You can connect a new device as you would any other, either by using the wi-fi name and password or by scanning the QR code on the back of the router.

### **where's the best place to put my mesh extender?**

The best place to put your extender will depend on your property, as wi-fi signal strength is dependant on a number of factors, including wall thickness, distance and other nearby electrical devices. If you are connecting your extender to your router wirelessly, you can use the WI-FI LED to see the quality of the connection back to your router. You will need to place the extender close enough to the router to get a strong connection, but far enough away to maximise wi-fi coverage of your property.

### **Installation and Safe Usage Instructions:**

1. Place the router in a vertical orientation on a flat surface.
2. Connect the manufacturer supplied AC to DC power adapter. The FAST 286 router requires the use of a 12VDC, 1.5A power adapter. Only use a manufacturer supplied and approved power adapter and Ethernet cable.
3. Connect the "FAST 286" to the AC Mains in accordance with the installation instructions in this booklet, and the markings on the identification label (voltage, current, and frequency of electricity network).
4. For connection of a computer with an Ethernet cable use one of the RJ45 ports on the product. Then connect the other end of the Ethernet Cable to the Ethernet port of a computer.

When using this device, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons including the following:

1. Do not use this product near water and avoid contact with moisture. For example, does not use near a bathtub, wash bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool. Care should be taken so that liquids are not spilled on this equipment.
2. This equipment is for indoor use only, do not place or install in an outdoor location.
3. Place your product on a firm, solid surface, no obstacle at a minimum distance of 20cm (0.65ft). If you put it on something unsteady, it may fall and be damaged. If you place it on a soft surface, such as rug, sofa or cushion, the vents may be blocked, causing the product to overheat.
4. Never insert objects into the vents of this equipment as this can result in the risk of electrical shock or fire.
5. As the power adapter is the only way to connect to the electrical network, the product must be installed near an easily accessed power outlet.
6. This equipment should only be operated with the type of power supply (Voltage and Current) indicated on the marking label.
7. Do not overload wall outlets or extension cords. Doing so can result in the risk of fire or electrical shock.
8. Avoid blocking any vent openings or exhaust exits on this equipment. Do not place equipment in a built-in installation such as a cabinet that may impede the flow of air through the ventilation openings.
9. The equipment should be situated away from heat sources such as radiators, heat registers, stoves, or other heat producing appliances and equipment.

10. Care should be taken to ensure that the power cord is routed, so it is not likely to be walked on or pinched by items placed upon or next to it.
11. Unplug this equipment before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning only.
12. This equipment is not user serviceable and is to be serviced by qualified personnel only. Do not disassemble this equipment. If service is required, disconnect all power from the equipment and consult qualified service personnel.
13. To disconnect this equipment from AC power, unplug the power supply from the AC wall socket.
14. Connect only to in house equipment (SELV interface). It is not allowed to connect to public cable distribution or cable television network.
15. Use the product in the environment specified as below:
  1. Air temperature between 0°C (32 F) and +40°C (104 F).
  2. Relative humidity between 20% and 90%.
  3. Altitude: 2000 meters (6561ft) maximum.

### **Save these Instructions!**

Federal Communications Commission (FCC) Statements 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.

### **Modifications:**

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

FCC Responsible Party:

- Sagemcom USA
- 14651 N. Dallas Parkway
- Suite 900
- Dallas, TX 75254
- Phone: 972-674-4100

### **Radio Frequency Interference Statement**

**Note:** 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:

1. Reorient or 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 Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This device produces radio frequency energy in the 2.4GHz and 5GHz spectrum. The antenna must be positioned to keep a minimum distance of 30cm (0.98ft) from the radiating element to any nearby person.

[www.sagemcom.com](http://www.sagemcom.com)

### Documents / Resources

	<p><a href="#">SAGEMCOM FAST286 mesh WiFi Extender</a> [pdf] User Manual FAST286, VW3FAST286, FAST286, mesh WiFi Extender</p>
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