

**Important Information about the Sagemcom FAST 5689E:****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 5689E router requires the use of a 12 VDC, 5000 mA power adapter. Only use a manufacturer supplied and approved power adapter. Always first plug the mains adapter lead into the FAST 5689E, then the mains lead into the mains adapter, and finally the mains lead into the mains socket. If you do not follow this order of connections you may get an electric shock. Make sure that the mains lead is properly inserted into the power supply unit, and that it is correctly pushed into the recess. It is very important to push the mains lead until the recess bottom. If it is incorrectly connected this may cause a risk of fire or electric shock.
3. Connect the FAST 5689E 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. Use the Ethernet cable provided and connect it to the RJ45 port on the product marked "ETH 10G". Then connect the other end of the Ethernet Cable to the LAN side equipment (router).
5. Connect the Ethernet cable (provided) to one of the RJ45 ports on the Router labeled "LAN1", "LAN2", "LAN3", or "LAN4". Then connect the other end of the Ethernet Cable to the Ethernet port of a computer. Repeat as necessary for the other available Ethernet ports.
6. For an Ethernet WAN configuration, connect the RJ45 port labeled "WAN" to the connection provided by your ISP (Internet Service Provider).
7. For an optical fiber network configuration, insert an optical fiber cable in the port "Fibre", and then connect the other side of the optical fiber cable to the connection provided by your ISP.
8. Connect only to in house equipment (SELV interface). It is not allowed to connect to public cable distribution or cable television network.
9. Use only the power cord approved and supplied by manufacturer
10. Radiation emitted by laser devices can be dangerous to human eyes. Avoid ocular exposure to direct or indirect radiation.

CLASS 1 LASER PRODUCT

This product complies with 21CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed.3, as described in Laser Notice No.56, dated May 8, 2019.

Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

11. Use the product in the environment specified as below:
 - Air temperature between 0°C (32°F) and +40°C (104°F).
 - Relative humidity between 5% and 95%.
 - Altitude: 9000 ft (~2,740m) maximum.
12. When the product is fixed in height, it must be installed at a maximum height of 2 meters.
13. The identification information is located on the power supply unit and on the bottom or the exterior of the product.

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, do 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.

- Ethernet ports are intended to be connected to indoor cable circuits that are exclusively located within the building where the product FAST 5689E is installed, and don't terminate on a remote equipment earthed to a different earthing network.
- The devices connected to the telephone interfaces must be kept indoor use only.

Caution: To reduce risk of electric shock, fire or damage to the equipment, do not connect telephone or telecommunications public network into "TEL1" or "TEL2" port.

- Never insert objects into the vents of this equipment as this can result in the risk of electrical shock or fire.
- This equipment should only be operated from the type of power supply (Voltage and Current) indicated on the marking label.
- Do not overload wall outlets or extension cords. Doing so can result in the risk of fire or electrical shock.
- 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.
- The equipment should be situated away from heat sources such as radiators, heat registers, stoves, or other heat producing appliances and equipment.
- 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.
- Unplug this equipment before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning only.
- 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 and phones lines from the equipment and consult qualified service personnel.
- To disconnect this equipment from AC power, unplug the power supply from the AC wall socket.
- Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- Make sure the power socket to which you connect the power cord is easily accessible and as close as possible to the equipment so that the appliance can be unplugged quickly in case of a problem.

Save these Instructions!

Innovation, Science and Economic Development Canada Statements

This Class B digital apparatus complies with Canadian ICES-003.

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

The Sagemcom FAST 5689E complies with Canadian RSS-247.

This device complies with RSS-247 of the Innovation, Science and Economic Development Canada Rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with "Innovation, Science and Economic Development Canada RSS-102 for radiation exposure limits set forth for an uncontrolled environment".

This equipment should be installed and operated with minimum distance 30cm (0.98ft) between the radiator and your body.

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:

- 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.

FCC Radiation Exposure Statement

This equipment complies with "FCC1.1310 for 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 2.4 GHz and 5 GHz spectrum. The antenna should be positioned to keep a minimum distance of 30cm (0.98ft) from the radiating element to any nearby person.

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