

## Important Information about the Sagemcom FAST4350:

### Installation and Safe Usage Instructions:

1. Place the VDSL router in a vertical orientation on a flat surface.
2. Connect the manufacturer supplied AC to DC power adapter. The FAST4350 router requires the use of a 12 VDC, 2000 mA power adapter. Only use a manufacturer supplied and approved power adapter.
3. Connect the FAST4350 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. Connect the Ethernet cable (provided) to one of the RJ45 ports on the VDSL 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.
5. For an Ethernet WAN configuration, connect the RJ45 port labeled "WAN" to the connection provided by your ISP.
6. For a VDSL configuration, connect the provided DSL Cable to the port on the VDSL Router labeled "DSL". Connect the other end of the DSL Cable to a standard Phone Jack.

**CAUTION: To reduce the risk of fire, always and only use a UL Listed or CSA Certified Telecommunication Line Cord (DSL cable) with a minimum wire gauge of 26AWG (0.4 mm dia. minimum, or 0.129 mm<sup>2</sup> minimum) or larger (e.g., 24AWG).**

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.
3. Never insert objects into the vents of this equipment as this can result in the risk of electrical shock or fire.
4. This equipment should only be operated from the type of power supply (Voltage and Current) indicated on the marking label.
5. Do not overload wall outlets or extension cords. Doing so can result in the risk of fire or electrical shock.
6. 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.
7. The equipment should be situated away from heat sources such as radiators, heat registers, stoves, or other heat producing appliances and equipment.
8. 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.
9. Unplug this equipment before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning only.
10. 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.
11. To disconnect this equipment from AC power, unplug the power supply from the AC wall socket.
12. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
13. Do not use the telephone to report a gas leak in the vicinity of the leak.
14. Connect only to in house equipment (SELV interface).

**Save these Instructions!**

## Industry Canada Statements

This Class B digital apparatus complies with Canadian ICES-003.  
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This product meets the applicable Industry Canada technical specifications/Le présent matériel est conforme aux spécifications techniques applicables d'Industrie Canada.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local Telecommunications Company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations. Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment. Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines, and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas. Caution: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Ringer Equivalence Number is an indication of the maximum number of devices allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices does not exceed five. The REN of this device is 0.1B.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de terminaux qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme d'indices d'équivalence de la sonnerie de tous les dispositifs n'excède pas 5.

Le REN de ce dispositif est 0.1B.

This device complies with Industry Canada licence-exempt RSS standard(s).

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

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with Canada/FCC radiation exposure limits set forth for an uncontrolled environment.

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

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 30 cm de distance entre la source de rayonnement et votre corps.

## 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.

Country Code selection feature to be disabled for products marketed to the US/CANADA.

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 Terminal Equipment Statements

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom side of this equipment is a label that contains, among other information, a product identifier in the format US:NS3DL01BFAST4350. If requested, this number must be provided to the Telephone Company. A copy of the TCB Certificate or Suppliers Declaration of Conformity to the FCC Part 68 and ACTA requirements can be found at:

<http://www.part68.org>

This equipment has a Universal Service Order Code (USOC) of RJ11C, a Facility Interface Code (FIC) of METALLIC, and the Service Order Code (SOC) is N/A. The Telephone Company may request this information when ordering service for this equipment.

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of

devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the Telephone Company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The Telephone Company may make changes to its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the Telephone Company will provide advance notice so you can make the necessary modifications to maintain uninterrupted service.

This equipment is not user serviceable. If trouble is experienced with this equipment, for repair or warranty information, please contact Sagemcom at:

Via USA Telephone: +1 (972) 674-4100	Or Via Mail: Sagemcom USA LLC 14651 N. Dallas Parkway Suite 900 Dallas, TX 75254
--------------------------------------	--

If the equipment is causing harm to the telephone network, the Telephone Company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. (Contact the state public utility commission, public service commission or corporation commission for information.)

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment connects to the telephone network that can be vulnerable to electrical surges as a result of lightning strikes and other events. Such events can be very destructive to equipment connected to both the telephone network and to AC power sources. It is strongly recommended that a surge arrester be used to connect this equipment to AC power in order to reduce the possibility of damage resulting from such events.

### **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 2.4 GHz spectrum. The antenna should be positioned to keep a minimum distance of 30cm from the radiating element to any nearby person.

Issued by Sagemcom Broadband SAS  
Sagemcom  
250, route de l'Empereur - 92500 RUEIL MALMAISON

© Sagemcom Broadband SAS 2010  
All rights reserved. Subject to availability.  
Rights of modifications reserved.  
[www.sagemcom.com](http://www.sagemcom.com)