

## Software License, Warranty, Safety, and Regulatory Information SURFboard® SB5100 and SB5101 Cable Modems

### **Safety and Regulatory Information**

**WARNING:** TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. THE APPARATUS MUST NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD BE PLACED ON THE APPARATUS.

**CAUTION:** TO PREVENT ELECTRICAL SHOCK, IF THE UNIT IS PROVIDED WITH APOLARIZED PLUG, DO NOT CONNECT THE PLUG INTO AN EXTENSION CORD, RECEPTACLE, OR OTHER OUTLET UNLESS THE PLUG CAN BE FULLY INSERTED WITH NO PART OF THE BLADES EXPOSED.

**CAUTION:** TO ENSURE REGULATORY AND SAFETY COMPLIANCE, USE ONLY THE PROVIDED POWER AND INTERFACE CABLES.

**CAUTION:** DO NOT OPEN THE UNIT. DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE INSTALLATION AND TROUBLESHOOTING INSTRUCTIONS. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL.

It is recommended that the customer install an AC surge arrester in the AC outlet to which this device is connected. This is to avoid damaging the equipment by local lightning strikes and other electrical surges.

This product was qualified under test conditions that included the use of the supplied cable between system components. To be in compliance with regulations, the user must use this cable and install it properly.

Different types of cord sets may be used for connections to the main supply circuit. Use only a main line cord that complies with all applicable product safety requirements of the country of use.

Installation of this product must be in accordance with national wiring codes.

To prevent overheating, do not block the ventilation holes on the sides of the unit or lay the unit on its side.

Wipe the unit with a clean, dry cloth. Never use cleaning fluid or similar chemicals. Do not spray cleaners directly on the unit or use forced air to remove dust.

Postpone cable modem installation until there is no risk of thunderstorm or lightning activity in the area. Avoid damaging the cable modem with static by touching the coaxial cable connector when it is attached to the earth grounded coaxial cable TV wall outlet. Always first touch the coaxial cable connector on the cable modem when you are disconnecting or re-connecting your USB or Ethernet cable from the cable modem or your PC.

### **FCC Compliance**

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 when the equipment is operated in a residential environment.

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 of the following measures:

- Re-orient 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.

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

### **Canadian Compliance**

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

Cet appareil num é rique de la classe B est conforme à la norme NMB-003 du Canada.

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### **FCC Declaration of Conformity**

According to 47CFR, Parts 2 and 15 for Class B Personal Computers and Peripherals; and/or CPU Boards and Power Supplies used with Class B Personal Computers, Motorola, Inc. Broadband Communications Sector, 101 Tournament Drive, Horsham, PA 19044, 1-215-323-1000, declares under sole responsibility that the product identifies with 47CFR Part 2 and 15 of the FCC Rules as a Class B digital device. Each product marketed is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR 2.909. 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. The above named party is responsible for ensuring that the equipment complies with the standards of 47CFR, Paragraph 15.101 to 15.109.

### **International Declaration of Conformity**

We,

Motorola, Inc.  
Broadband Communications Sector  
101 Tournament Drive  
Horsham, PA, U.S.A.

declare under our sole responsibility that the

SURFboard Cable Modem SB5100 series

to which the declaration relates is in conformity with one or more of the following standards:

EN55022	EN55024	EN60950	EN61000-3-2	EN61000-3-3
CISPR 22	CISPR 24	IEC 60950 3rd Edition		

the following provisions of the Directive(s) of the Council of the European Union:

EMC Directive 89/336/EEC	Low Voltage Directive 73/23/EEC
Directive 93/68/EEC	

### **Models**

SB5100, SB5101, SB5120

### **Standards**

FCC Part 15, ICES-003  
UL/C-UL 60950 3rd Edition

SB5100i, SB5100E, SB5101i, SB5101E, SB5120i, SB5120E, SB5100  
Diagnostic, SB5100E Diagnostic, SB5101 Diagnostic, SB5101E  
Diagnostic, SB5120 Diagnostic, SB5120E Diagnostic

EN55022, EN55024, CISPR22, CISPR24, EN61000-3-2,  
EN61000-3-3, EN60950-2000, IEC60950 3rd Edition

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Motorola, Inc., Broadband Communications Sector ("Motorola")

101 Tournament Drive, Horsham, PA 19044

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**Cable Operator or Service Provider Arrangements.** If you **did not purchase this Product directly from Motorola or from a Motorola authorized retail reseller**, please contact your Service Provider for technical support.

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