



Residential Satellite Modem



RM5110 Series

Models: RM5110N-030, Ka

Warranty, Safety, and Environmental Information

This is an interim draft manual, ~~for beta customer shipments~~. This manual will be replaced by its final version prior to production release ~~and customer shipments~~.

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Contact your service provider for additional information or questions.

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Warranty Information

- ViaSat, Inc. ("ViaSat"), the provider of Exede Internet, does not provide a warranty to the end user for this product. Any such warranty from ViaSat, including the implied warranty of merchantability or fitness for a particular purpose, is hereby disclaimed.
- Your service provider may provide a warranty for this product. For warranty information and repairs, please contact your service provider.

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DOCUMENTATION NOTICE

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Environmental Alerts

WEEE



- ViaSat has marked this product with the WEEE symbol as a convenience to its customers for environmental responsibility per European Union Directive 2012/19/EC. This product shall be collected and disposed of in accordance with national and local laws. Waste electrical and electronic products must not be disposed of with household waste. For information on proper disposal, contact your equipment distributor or service provider.

ROHS Compliant

- This product is in compliance with EU Directive 2011/65/EC.

REACH Compliant

- This product is in compliance with EU Directive 1907/2006/EC.
- If additional information is required you may send correspondence to: Compliance-ProductEnvironmental@viasat.com.
- ViaSat declares that this Satellite Modem is cULus Listed and is in compliance with Canadian and U.S. safety standards and complies with the RoHS directive for hazardous materials reduction.
- ViaSat declares that this Satellite Modem is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Open Source Software Information

- This product incorporates various open source software packages that are distributed under license terms as described at <http://www.viasat.com/FOSS-Usage>.

Important Safety Instructions

- **Grounding Statement** - The cable distribution system should be grounded (earthed) in accordance with ANSI/NFPA 70, the National Electrical Code (NEC), in particular Section 820.93, Grounding of Outer Conductive Shield of a Coaxial Cable.
- **BEFORE INSTALLING THE SATELLITE MODEM, MAKE SURE YOUR ELECTRICAL OUTLET IS PROPERLY WIRED AND YOUR COMPUTER EQUIPMENT IS PROPERLY GROUNDED. CONSULT WITH A LICENSED ELECTRICIAN IF YOU ARE NOT SURE.**
- **READ AND UNDERSTAND ALL OPERATING INSTRUCTIONS IN THIS USER'S GUIDE.**
- **READ AND UNDERSTAND ALL SAFETY PRECAUTIONS PRIOR TO CONNECTING CABLES TO THE SATELLITE MODEM.**

Warnings - A WARNING is defined as a procedure or practice that, if not correctly followed, could result in injury, death, or long term health hazard. Always observe the following WARNINGS:

- **There are no user-serviceable parts inside any of the equipment in your system. There are potentially lethal voltages inside the equipment. It should only be opened by a technician trained and certified to service the product.**
- **RF Radiation Hazard.** The transmitting equipment is capable of generating RF levels above the maximum permissible uncontrolled exposure level. Do not enter the radiation beam pattern of the transmitter feed horn and/or antenna when the transmitter is on.
- **When the Satellite Modem is powered on, DC voltage is present on the rear panel IFL connector.**
- **To prevent fire or shock hazard, do not expose this Satellite Modem to rain or moisture. The Satellite Modem must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on or around the Satellite Modem.**
- **Postpone Satellite Modem installation until there is no risk of thunderstorm or lightning activity in the area.**
- **To prevent electrical shock, if the unit is provided with a polarized 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.**
- **The In-Line Power Supply input power cord must be connected to a properly grounded three-prong AC outlet. Do not use adapter plugs, or remove the grounding prong from the plug.**
- **Maintain the Satellite Modem in a climate-controlled location with adequate air circulation at temperature that is always greater than 40 degrees Fahrenheit and less than 90 degrees Fahrenheit.**
- **The Satellite Modem, including the coaxial cable connector, may become hot. Avoid touching the coaxial cable connector unless its power adapter has been unplugged from the power outlet for at least one minute.**
- **To prevent overheating, do not block the ventilation holes on the sides, top, or bottom of the Satellite Modem.**

- **Ensure that the Satellite Modem at all times has at least three inches of clearance from other objects on each side and that air can flow freely to the Satellite Modem.**
- **Do not place anything on top of the Satellite Modem.**
- **Keep the Satellite Modem out of the reach of children and pets.**
Keep the Satellite Modem upright at all times and firmly secured in the provided stand.
- **Do not place the Satellite Modem on its side or allow it to rest on its side.**

Cautions - A CAUTION is defined as a procedure or practice that, if not correctly followed, could result in equipment damage or destruction. Always observe the following CAUTIONS:

- To ensure regulatory and safety compliance, only use the provided power and interface cables.
- 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 professional.
- Avoid damaging the Satellite Modem with static by first touching the coaxial cable connector when it is attached to the earth grounded coaxial cable wall outlet. Always first touch the coaxial cable connector on the Satellite Modem when you are disconnecting or re-connecting your Ethernet cable from the Satellite Modem or your computer.
- Only wipe the Satellite Modem with a clean, dry cloth. To avoid equipment damage, never use cleaning fluids or similar chemicals. Do not spray cleaners directly on the Satellite Modem or use forced air to remove dust.
- Do not paint or place decals on the Satellite Modem housing.
- Install an AC surge arrestor in the AC outlet to which the Satellite Modem is connected. This is to avoid damaging the equipment by local lightning strikes and other electrical surges.
- The power adapter supplied with the Satellite Modem shall be used only with the Satellite Modem. Do not use the Satellite Modem power adapter with any other equipment, including other modems.
- Do not use any other power adapter with the Satellite Modem other than the one supplied with it.

Notices

- The Satellite Modem was qualified under test conditions that included the use of the supplied cable between system components. To be in compliance with regulations, the installer, or 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 the Satellite Modem must be in accordance with national wiring codes.
- ViaSat hereby declares that the Satellite Modem is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.