



DISH

HDTV DVR Satellite Receiver

User's Guide

To subscribe to programming,
or for assistance with installing
or using the system,
visit mydish.com or
call Customer Service at
1-800-333-DISH (3474)

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Warning and Attention Symbols

You must be aware of safety when you install and use this system. This *User Guide* provides various procedures. If you do some of these procedures carelessly, you could injure or kill yourself or damage equipment or property. Some other procedures require special attention.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

For Your Safety



Do not try to open the case of the receiver. There is risk of electrical shock, which may cause damage to the receiver and/or personal injury or death to you. There are no user-serviceable parts inside the receiver. Opening the receiver case or making unauthorized changes will void the warranty.



Warning: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Important Software Notice

As with all software controlled products, unexpected behavior could arise if the user tries to perform operations in a non-routine manner. This product, like almost any other high tech product, is subject to bugs and hence EchoStar CANNOT AND DOES NOT GUARANTEE OR WARRANT THAT ALL FEATURES, SUCH AS PARENTAL CONTROLS, WILL WORK AS INTENDED UNDER ALL CIRCUMSTANCES. EchoStar endeavors to improve such conditions and will periodically download improvements.

In compliance with the terms of the GNU Public License (GPL), EchoStar is making some source code available to the public to download from www.echostar.com.

Equipment and Software Covered by this User's Guide

This *User Guide* covers the ViP®722k DVR receiver, and software models ViP722k. This *Guide* may cover other devices, not listed here.

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Important Safety Instructions

Safety

- 1** Read these instructions.
- 2** Keep these instructions.
- 3** Heed all warnings.
- 4** Follow all instructions.
- 5** Do not use this apparatus near water.
- 6** Clean only with a dry cloth.
- 7** Do not block any ventilation openings. Install in accordance with the manufacturer's instructions
- 8** Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10** Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11** Use only attachments/accessories specified by the manufacturer.
- 12** Unplug this apparatus during lightning storms or when unused for long periods of time.
- 13** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 14** The power plug must be readily accessible so that the apparatus can be easily disconnected from the AC power.

- 15** The receiver is still connected to the AC power whenever it is plugged into a live power outlet, even if it is turned off using the remote control or front panel buttons.
- 16** No flame sources, such as lit candles, should be placed on the equipment.
- 17** The apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the top of it.
- 18** Operate the receiver using only the type of power source indicated on the marking label. Unplug the receiver power cord by gripping the power plug, not the cord.
- 19** Do not overload wall outlets or extension cords; this can result in a risk of fire or electrical shock.
- 20** Never insert objects of any kind into the receiver through openings, as the objects may touch dangerous voltage points or short out parts. This could cause fire or electrical shock.
- 21** Do not locate the antenna near overhead light or power circuits, or where it can fall into such power lines or circuits. When installing the antenna, take extreme care to avoid touching such power lines or circuits, as contact with them can be fatal.
- 22** Do not attempt to service the receiver yourself, as opening or removing covers may expose you to dangerous voltage and will void the Limited Warranty. Refer all servicing to authorized service personnel.
- 23** Unplug the receiver from the AC power outlet before cleaning.
- 24** Do not place the receiver in an enclosure such as a cabinet without proper ventilation.
- 25** Do not install the receiver in any area where the temperature can be less than 40°F or more than 113°F. If the receiver is cold to the touch, do not plug it in immediately. Let it sit unplugged at room temperature for at least 45 minutes before plugging it in.
- 26** Use an outlet that contains surge suppression or ground fault protection. During an electrical storm or when the receiver is left unattended and unused for long periods of time, unplug the power cord from the wall outlet, disconnect the lines between the receiver and the antenna, and disconnect the telephone line. These actions provide additional protection against damage caused by lightning or power line surges.
- 27** Tighten all of the coaxial cable connections only by hand. If you use a wrench, you may overtighten the connections and damage your equipment.



CAUTION—To reduce the risk of fire, use only No. 26 AWG or larger telecommunication line cord.

Proper Care of Your Equipment

- Always handle the satellite receiver carefully. Excessive shock and vibration can damage the hard drive.
- Always turn the receiver off, unplug it and let it sit for at least 30 seconds before moving it.
- Do not stack the receiver on top of or below other electronic devices as this can cause heat build-up and vibration.
- The use of accessories or attachments not recommended by the receiver manufacturer will void the Limited Warranty.



On some TVs, the presence of fixed images for extended periods of time may cause them to be permanently imprinted on the screen. Consult your TV user guide for information on whether this is a problem for your TV, what operating/viewing restrictions apply to avoid this problem, and associated TV warranty coverage.

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 antenna assembly.
- Increase the separation between the equipment.
- Connect the equipment into an outlet on a circuit different from that to which the DISH receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note to Satellite TV System Installer: This reminder is provided to call the satellite TV system installer's attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

