

Wireless Joey

GETTING STARTED GUIDE



Warning and Attention Symbols

You must be aware of safety when you install and use this system. This *Wireless Joey Getting Started 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.



The Class II equipment symbol means the equipment has additional insulation and does not need to be grounded.

For Your Safety



Warning: Do not try to open the case of the Wireless Joey™ receiver. There is risk of electrical shock, which may cause damage to the Wireless Joey and/or personal injury or death to you. There are no user-serviceable parts inside the Wireless Joey receiver. Opening the receiver's 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.

Equipment and Software Covered by this User Guide

This *Wireless Joey Getting Started Guide* covers the Wireless Joey™ receiver and software models Wireless Joey. This *Wireless Joey Getting Started Guide* may cover other devices not listed here.

Publishing Information

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Important Safety Instructions

- 1** Read these instructions.
- 2** Keep these instructions.
- 3** Heed all warnings.
- 4** Follow all instructions.
- 5** Do not use the 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** Only use attachments/accessories specified by the manufacturer.
- 12** Unplug the 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 it, 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 Wireless Joey™ 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** Use only the power supply provided with the receiver. Unplug the receiver's 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.

Important Safety Instructions, continued

- 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.

Proper Care of Your Equipment

- Always handle the receiver carefully. Excessive shock and vibration can damage it.
- If the equipment is turned on and needs to be moved, unplug the equipment and let it sit for at least 30 seconds before moving it.
- The use of accessories or attachments not recommended by the receiver manufacturer and voids the Limited Warranty.
- Do not stack the receiver on top of or below other electronic devices as this can cause heat build-up and vibration.
- 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 a problem for your TV, what operating/viewing restrictions apply to avoid this problem, and associated TV warranty coverage.

Important Safety Instructions, continued



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 receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.



Note to Antenna Installer: This reminder is provided to call the antenna installer's attention to the *National Electrical Code*® (NEC) which provides guidelines for proper bonding and grounding of antennas and their associated cabling.

Wireless Joey Receiver

With the Wireless Joey™ receiver, watch and record up to 6 channels of high-definition (HD) and standard-definition (SD) programming, while having the next-generation of TV content delivered, including multimedia services over IP-based networks. The Wireless Joey receiver uses WiFi signals to connect to the Wireless Joey Access Point™, which uses ethernet to connect to the host receiver, a Hopper® or a Hopper® with Sling, and delivers HD programming and recorded programs from that receiver to the Wireless Joey receiver. Content includes live, paid, and DVR programming in HD, SD, and 3D. Like a Joey® box, the Wireless Joey receiver can display prerecorded content from the DVR or IP-delivered content.

A Hopper or Hopper with Sling receiver supports up to two Wireless Joey receivers and one Wireless Joey Access Point.

The remote uses radio frequency (RF) signals to control the Wireless Joey receiver and IR signals to control any other equipment you have programmed. RF signals travel relatively long distances and can go through walls and other solid objects. IR signals, used in TV, DVD, and AUX device modes, travel up to 40 feet in a straight line-of-sight and cannot go through walls or other solid objects. Point the remote directly at the equipment you want to control without any objects blocking the signal path.

Wireless Joey Receiver, continued

The front and back panels of the Wireless Joey receiver are provided below.

Front Panel Controls

Up/Down Arrows

Navigate through menus or channels

Select

Select menu items and events

Locate Remote

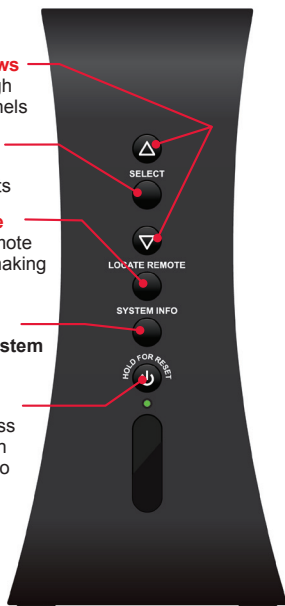
Triggers the remote to emit tones, making it easier to find

System Info

Displays the **System Info** screen

Power

Turn the Wireless Joey receiver on and off or hold to reset it



Rear Panel Connections

Ethernet

Connects to the broadband home network

USB Port

Connects to multimedia devices

Audio/Video Output

High-quality standard-definition connection to the TV audio and video input

Digital Audio

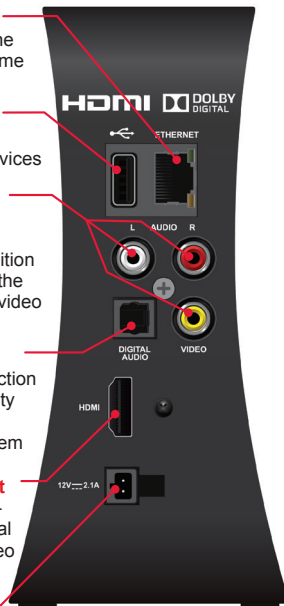
Optical connection to a high-quality digital sound decoding system

HDMI® Output

Provides high-definition digital audio and video to the TV

Power

Provides power to the Wireless Joey receiver

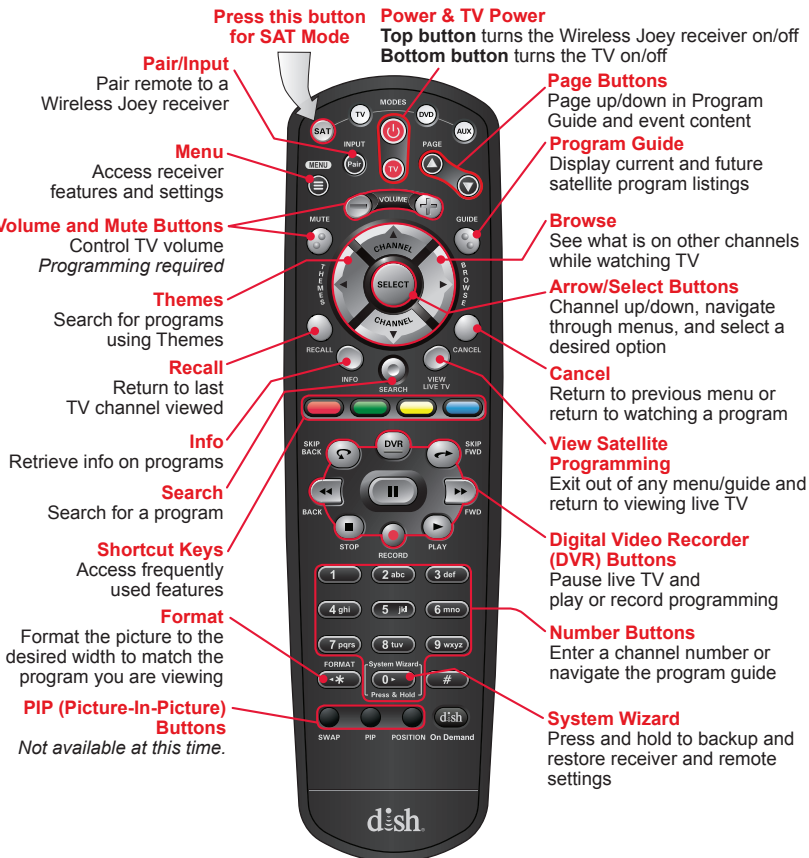


SAT Mode

SAT

To use the features described in this section, make sure you are in SAT mode by pressing the SAT Mode button. Use SAT Mode to control the Wireless Joey receiver.

Note: Some features may not be available.

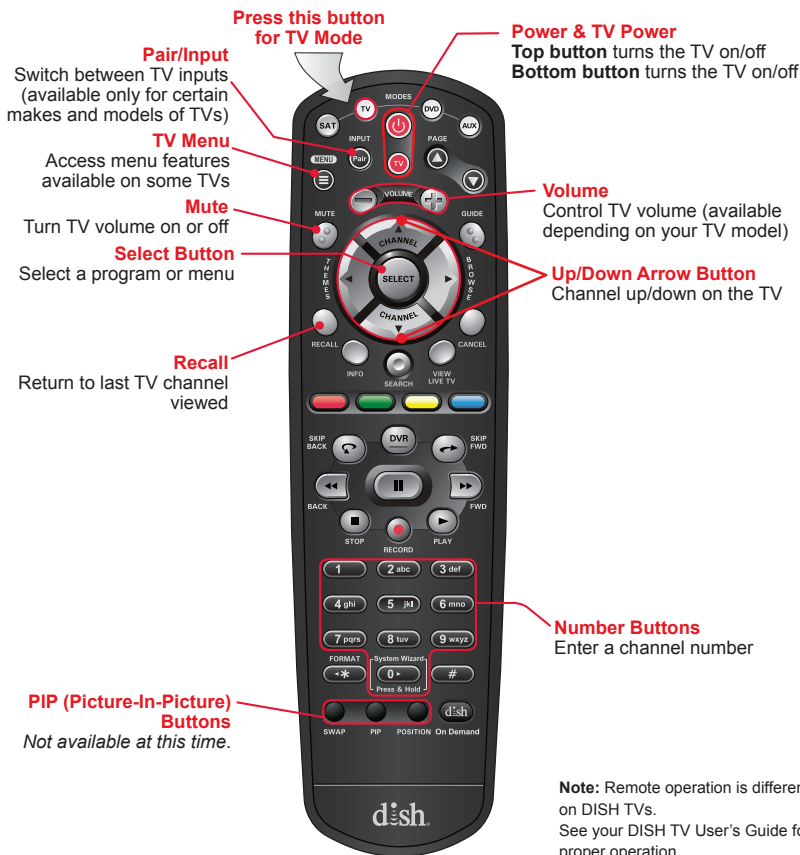


TV Mode

TV

To use the features described in this section, make sure you are in TV mode by pressing the TV Mode button. Remote programming is required.

Note: Some features may not be available depending on your model.



Note: Remote operation is different on DISH TVs. See your DISH TV User's Guide for proper operation.

DVD Mode

DVD

To use the features described in this section, make sure you are in DVD mode by pressing the DVD Mode button. In addition to operating a DVD player, you can also use this mode to operate a VCR or Blu-ray Disc™ (BD) player. Remote programming is required. **Note:** Some features may not be available depending on your device model.

Power & TV Power
Top button turns the DVD/VCR/BD on/off
Bottom button turns the TV on/off

**Press this button
for DVD Mode**

**View Satellite
Programming**

Exit out of any menu/guide and return to viewing live TV

Pause

Pause a videotape or DVD

FWD

Forward a videotape or DVD/BD

Play

Play a videotape or DVD/BD

Number Buttons

Use to get to specific chapters on the DVD; the function of remote number buttons depends on the device

Back

Rewind a videotape or reverse a DVD/BD

Stop

Stop playing a DVD/BD, stop playing or recording a videotape

Record

Record on a videotape



DVR Functions

DVR



- Displays a list of recorded programs.



PLAY

- Plays a live or recorded program.



- Pauses a live or recorded program.



STOP

- Stops recording a program or playing a recorded program.



RECORD

- Records a program.



BACK

- Press BACK once to reverse the program four times as fast as normal play. Press BACK twice to reverse at 15 times normal speed, three times to reverse at 60 times normal speed, and four times to reverse at 300 times normal speed. The on-screen bar shows how far you've gone. For a live program, you can only reverse back to the last channel change or back one hour, whichever occurs first.

SKIP
BACK



- Press SKIP BACK to skip back about 10 seconds in a program.

DVR Functions, continued



FWD

- Press FWD (Forward) once to fast-forward through the program four times normal speed. Press FWD twice to forward at 15 times normal speed, three times to forward at 60 times normal speed, and four times to forward at 300 times normal speed. The on-screen bar shows how far you have gone. Of course, you cannot forward into the part of a live program that has not been broadcast yet.



SKIP
FWD

- Press SKIP FWD to skip ahead about 30 seconds in the program.



BACK

- Press PAUSE and then press BACK to reverse the program in slow motion at 1/4 the speed of normal play. Press BACK again to reverse at normal speed.



FWD

- Press PAUSE and then press FWD to forward the program in slow motion at 1/15 the speed of normal play. Press FWD twice to forward at 1/4 as fast as normal play. Press FWD three times to play the program. Of course, you cannot forward a live program that has not been broadcast yet.

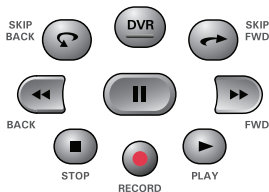
Using Remote Button Shortcuts

In addition to their normal functions, some buttons on your remote control have special shortcut functions. These shortcuts are enabled while navigating the on-screen Electronic Program Guide (EPG) or viewing the scrollable list of events.

DVR Buttons

The following table lists some of these shortcuts for the gray set of buttons that normally control your DVR functions.

Note: Scheduled updates to your receiver software may add to or modify these shortcuts.



Buttons	In Guide Display	Scroll in Lists
	Move 3 hours back	By 1 screen upward
	Move 3 hours ahead	By 1 screen downward
	24 hours back	To beginning of list
	24 hours ahead	To end of list

Using Remote Button Shortcuts, continued

Colored Buttons

The following table lists some of the shortcuts for the colored set of buttons on your remote control.

Note: Scheduled updates to your receiver software may add to or modify these shortcuts.

Buttons	From Live TV	Elsewhere
	Access TV Viewing Status	Jumps to menu bar and displays the red button menu option
	Access Quick Clicks list	Jumps to menu bar and displays the green button menu option
	Access Settings screen	Jumps to menu bar and displays the yellow button menu option
	Access Network Settings	Jumps to menu bar and displays the blue button menu option. From the EPG, expands or collapses select channel ranges

Inserting the Batteries

1



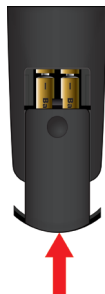
Pull the remote battery cover off.

2



Insert 4 AAA batteries of the same type and kind, making sure to match the plus (+) ends with the plus markings on the battery case.

3



Replace the remote battery cover.

Connecting to Home Network

The Wireless Joey receiver uses Wi-Fi to connect to a Wireless Joey Access Point, which uses an Ethernet connection to connect to your Home Network, making it possible to share programming and recorded content.

Note: Using the Wireless Joey Access Point Installation Instructions, set up your Wireless Joey Access Point first before starting this procedure.

1



Connect cable(s) to the appropriate connection on the back of the Wireless Joey receiver. This receiver supports HDMI technology or RCA-type connections.

2



Connect the other end of the cable to the appropriate input of your TV or monitor. Confirm that both your TV and the Wireless Joey receiver are connected to a power outlet.

Note: In most cases, connecting the HDMI cable provides plug-and-play control of the TV's display resolution and other settings. However, your TV may require selecting a different format to display from the Wireless Joey receiver during setup.



Do not cover the vents or stack anything on the Wireless Joey receiver. Covering the vents or stacking anything on the Wireless Joey receiver can cause heat build-up, which voids the Limited Warranty.

Continued on the next page

Connecting to Home Network, continued

3



Turn on the Wireless Joey receiver and TV. Change your TV to the correct input or source using the remote that came with the TV. Consult your TV user's guide for assistance.

4



Turn up the volume on your TV and confirm you have sound. If you don't have sound, your system may require you to connect audio (red and white) RCA-type cables between the Wireless Joey receiver's Audio Outputs and the TV's audio input connections.

Continued on the next page

Connecting to Home Network, continued

5



Press SELECT on the front panel of the Wireless Joey to begin the Wireless Joey Installation Wizard.



6



Press the WPS button on the front panel of the Wireless Joey Access Point to begin the Wireless Joey Installation Wizard and to connect the Wireless Joey to the Wireless Joey Access Point.



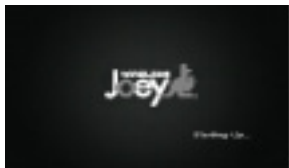
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Connecting to Home Network, continued

7



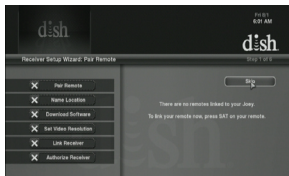
When the Wireless Joey connects to the Wireless Joey Access Point, it then connects to a Hopper receiver.



The **Starting Up** screen appears.



The cursor appears on the screen.

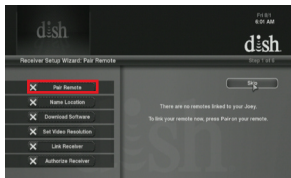


After a few minutes, the **Receiver Setup Wizard** screen appears.

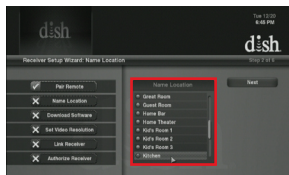
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Connecting to Home Network, continued

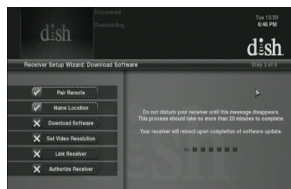
8



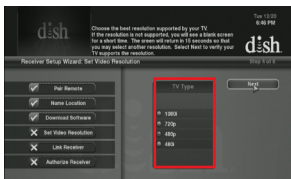
Press **PAIR** ^{INPUT} on your remote. The **Pair Remote** option becomes highlighted.



Select a **Location Name** for the Wireless Joey and select **Next**. The system updates the software and reboots; this process takes several minutes.



9

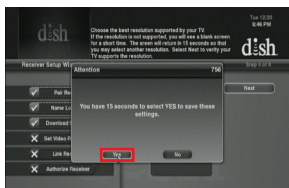


If your connection is recognized, the video resolution is correctly selected; select **Next**. If you change the format for the HDTV setup, select the video resolution for your HDTV under **TV Type** and select **Next**.

Continued on the next page

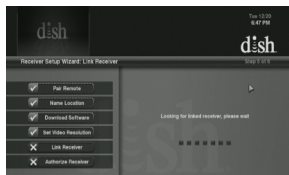
Connecting to Home Network, continued

10



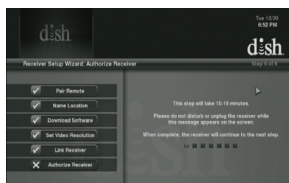
Select **Yes** to save the settings.

11



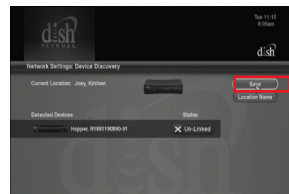
The system looks for an available host receiver. If the Wireless Joey finds more than one Hopper, select the Hopper to which you want to link the Wireless Joey.

12

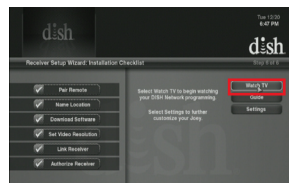


To link the Wireless Joey to the Hopper receiver, press **Select**.

13



Select **Save**. This step takes several minutes to complete.



Select **Watch TV** to watch your DISH programming. Select **Guide** to display the program guide. Select **Settings** to display the **Settings Menu**.

Programming Remote to Control Another Device

You can program your DISH remote to control another device, such as a TV, DVD, Blu-ray Disc™ player, VCR, audio receiver, or amplifier. The receiver scans the database of codes for the particular device and tries each code. When you find one that works, you save that code.

Typically, the TV mode button is programmed to a TV; the DVD mode button is programmed to a DVD, Blu-ray Disc™ player, or VCR; and the AUX button to a DVD, Blu-ray Disc™ player, VCR, audio receiver, or amplifier. However, each of the Mode buttons are programmable to whatever device you select.

1



Turn the device and receiver on.

2



Press **MENU** and select **Settings**. From the Settings screen, select **Remote Manager**.

3



Select the **TV Code**, **DVD Code**, or **AUX Code** option on the **Remote Manager** screen. If programming in TV or DVD Code, continue to step 4. If programming in AUX Code, continue with this step.

For programming in AUX Mode only: Scroll the **Aux Device** list to select and highlight your device type. Select **Next**.

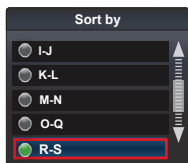
4

Lookup Code

Select the **Lookup Code** option.

Programming Remote to Control Another Device, continued

5



Scroll the **Sort By** (or **Aux Device**) list to position the selected option within the blue highlight bar.

6



Highlight the device's name in the **Brand** list and select **Next**.

7



Select **Yes** to test the remote with the device.

8



Press the Mode button for the device you are setting up. Release.



Press POWER to turn off your device. If device turns off, continue with step 10.

9



If it does not turn off, press and release SAT  to switch modes. Select **No** and return to step 6 for the next code.

Programming Remote to Control Another Device, continued

10



Using the remote, turn the device on and try some other remote buttons to make sure they work. When finished, press and release **SAT** to switch modes.

Yes

OR

No

If the code worked for other buttons, select **Yes** and continue to step 11. If the code did not work, select **No** and return to step 6 for the next code for the brand of your device.

11



On the **Remote Manager** screen, confirm that the device's brand name is in parentheses after a four-digit code. Select **Save**.

Save

Setting Parental Controls

To place parental controls on the programming coming to the TV connected to this Wireless Joey receiver, you can either copy the settings from the Hopper or Hopper with Sling receiver, or you can set different parental controls for your Wireless Joey receiver. To copy the parental controls that have been set for the Hopper or Hopper with Sling receiver, go to your Hopper or Hopper with Sling receiver, press MENU, select **Settings**, select **Parental Controls**, and select **Copy Settings**. Select your Wireless Joey receiver to have the same settings as the Hopper or Hopper with Sling.

To set parental controls on the Wireless Joey receiver, follow the procedure provided below.

1

MENU



Press MENU.

2



Select **Settings**.

3



Select **Parental Controls**.

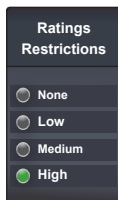


The **Parental Controls** screen appears.

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Setting Parental Controls, continued

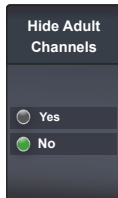
4



Select one of the following from **Ratings Restrictions**:

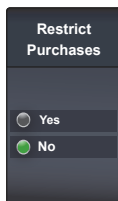
- None
- Low
- Medium
- High

5



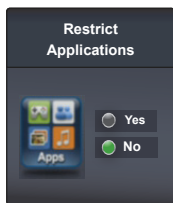
Select **Yes** to hide adult channels or leave **No** selected.

6



Select **Yes** to restrict purchases or leave **No** selected.

7



Select **Yes** to restrict applications or leave **No** selected.

8

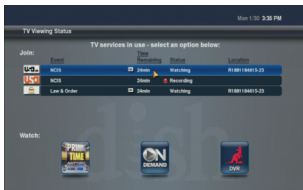


Select **Save**. Confirm Password.

Sharing Content

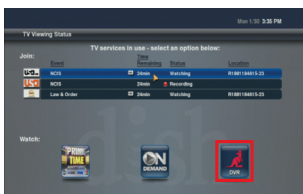
If all tuners are in use, you may either join one of the events or watch a program found under **PrimeTime Anytime™**, **On Demand**, or recorded on the DVR.

1



Press the red button to display the **TV Viewing Status** screen. You may join a program that is being displayed on another TV on your home network or watch **PrimeTime Anytime, On Demand**, or a program recorded on the DVR. If the event is grayed out, you are unable to join it.

2



Select an event under **Join** or a tile under **Watch** by using the Arrow keys on the remote to highlight your option and pressing **SELECT**.

Backing Up Settings

After setting up the remote and the Wireless Joey receiver, you can back up your settings. If you back up your settings, you can easily restore your settings.

1



Press MENU, select **Settings**, and then select **System Wizard**.

2

Backup

If you have finished setting up a new remote and receiver, select **Backup**. **Backup** saves your receiver and remote settings.

3

Back

When Backup is complete, select **Back** to return to **System Wizard**.

4



VIEW
LIVE TV

Press VIEW LIVE TV to return to your satellite programming.

Restoring Settings

If you should lose settings that have been backed up (see *Backing Up Settings* on page 23), you can restore the remote and receiver settings.

1



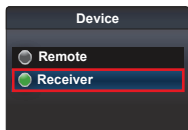
Press **MENU**, select **Settings**, and then select **System Wizard**.

2



If you are setting up a new remote and used Backup with the previous remote, click on **Restore** to restore the settings.

3



Select either **Receiver** or **Remote** settings to restore from the **Device List**.

4



When Restore is finished, select **Back** to return to **System Wizard**. Repeat step 3 to restore settings for either **Receiver** or **Remote**, depending on which one was selected earlier.

5



Press **VIEW LIVE TV** to return to your DISH programming.

Locating the Remote

When you are looking for the remote, try the LOCATE REMOTE feature on the front panel of the Wireless Joey receiver.

1



Press LOCATE REMOTE on the front panel of the Wireless Joey receiver.

2



If the missing remote control is paired to this Wireless Joey receiver and within radio frequency (RF) range, there should be a series of tones you hear to help find the location of the remote. It may take up to 30 seconds after touching LOCATE REMOTE before you hear the tones. Press any button on the remote to turn off the Locate tones after finding the remote.

If you do not hear any tones after pressing LOCATE REMOTE, press the SYSTEM INFO button on the front panel. The **System Info** screen lists the paired remote(s). If the remote control you want to find is not listed or it is not paired to the Wireless Joey receiver, using LOCATE REMOTE is not an option.

If the remote control you want to find is out of RF range, LOCATE REMOTE is not an option.

Troubleshooting

Use this information if you have a problem using the Wireless Joey receiver. To solve a particular problem, do the following:

- In the following section, find the information that relates to the problem you are experiencing. Try the suggested solution for that problem.
- Make sure your remote control has fresh batteries. If you see the **Remote Battery Low** warning on your TV screen, it is time to change the batteries.
- Visit mydish.com/support.

There is no picture on the TV after connecting it to the Wireless Joey receiver.

What to do: Check that all connections are hand-tightened. Verify that DISH programming is displaying on the Hopper or the Hopper with Sling receiver. If all connections are good and the Hopper and/or Hopper with Sling receiver is working as expected, try connecting the Wireless Joey receiver to the TV using an RCA-type connection. If using an RCA-type connection, set the correct input for this connection on the TV and change the settings for the TV on the Wireless Joey receiver to match your TV's settings.

Your remote control does not work well when controlling the receivers.

What to do: Verify that your remote has fresh batteries. There is a Battery Level indicator on the **System Info** screen that displays three levels: Green (good), Yellow (low), and Red (critical). If this indicator is at Yellow or Red, replace the batteries with new batteries of the same type and kind.

Verify that your remote is paired. This information is provided on the **System Info** screen. If it is not paired, pair the remote.

Other devices, such as wireless routers, Bluetooth®, 2G phones, and microwave ovens, could create interference and affect the performance of your remote. Move your Wireless Joey receiver away from other electronic devices that could potentially cause interference.

Troubleshooting, continued

Your picture is snowy (or black or blue).

What to do: Make sure your TV is tuned to the correct channel. Make sure the cables are completely and correctly connected from the Wireless Joey receiver to the TV and from the Wireless Joey receiver to the home network.

While performing a remote control procedure, the remote control stops working.

What to do: Start over again. If you don't press a button for 20 seconds in a programming sequence, the remote shuts off its programming function.

My remote is not working.

What to do: Verify the batteries are installed according to the diagram inside the remote control's battery compartment.

Check the Battery Level indicator located in the **System Info** screen. This indicator displays three levels: Green (good), Yellow (low), and Red (critical). If this indicator is at Yellow or Red, replace the batteries with batteries of the same type and size.

Confirm the remote is in the correct mode for the device you want to control. For example, to control the Wireless Joey receiver, press SAT on the remote before the function you want performed.

Make sure you are using the correct remote control provided for your Wireless Joey receiver. The remote uses radio frequency (RF) signals to operate your Wireless Joey receiver. Other equipment is usually controlled using infrared (IR) light signals. If you have programmed the remote to control your equipment in other device modes, then the remote control must have a clear line-of-sight to the front of these other devices.

Check that all cable connections to the home network are hand-tightened.

Troubleshooting, continued

If your remote is showing that it is paired but isn't working, select Un-Pair on the **System Info** screen and listen for the confirmation tone. Press PAIR to pair the remote again. If you do not hear the tone, continue with the next suggestion.

If your remote is not listed or cannot be un-paired on the **System Info** screen, then complete the following steps:

- 1 Press and hold SAT until all the Mode buttons light up and release.
- 2 Press RECALL and 0 (the number zero) at the same time and release (SAT lights up).
- 3 Press SEARCH and release (SAT lights up).
- 4 Press VOL+ and release (SAT lights up).
- 5 Press STOP and release (un-pair tone is heard).
- 6 Press SYSTEM INFO on the front panel.
- 7 Press INPUT/PAIR and release to pair the remote again.

When I press a button on the remote, all the Mode LEDs flash.

What to do: When batteries are first inserted into the remote, the remote goes through an initializing process. This process takes about ten seconds, and pressing a key while the remote is booting up causes the SAT, TV, and AUX mode buttons to flash. If a remote stays in this state for longer than two minutes, replace the batteries (see page 10).

My PIP (Picture-In-Picture) button isn't working.

What to do: The PIP feature is available only with the Hopper or the Hopper with Sling receivers.

I am trying to watch a program, but the TV Viewing Status displays instead.

What to do: All tuners on the receivers are currently in use, either by other TVs; the DVR is recording a program; the receivers are taking a software download; and/or a remote viewing session is occurring. You can wait until a tuner becomes available, watch the same programming that is displaying on another TV, or select **PrimeTime Anytime™**, **On Demand**, or **DVR**.

Limited Warranty



This Limited Warranty is a legal document. Keep it in a safe place. Remember to retain your Bill of Sale for warranty service! Any items returned without a copy of the Proof of Purchase will be considered out of warranty.

What the Warranty Covers

This warranty extends only to the original user of the equipment and is limited to the purchase price of each part. DISH Network L.L.C. and its affiliated companies ("DISH") warrant this system against defects in materials or workmanship as follows:

Labor: For a period of one (1) year from the original date of purchase, if DISH determines that the equipment is defective subject to the limitations of this warranty, it will be replaced at no charge for labor. DISH warrants any such work done against defects in materials or workmanship for the remaining portion of the original warranty period.

Parts: For a period of one (1) year from the original date of purchase, DISH will supply, at no charge, new or re-manufactured parts in exchange for parts determined to be defective subject to the limitations of this warranty. DISH warrants any such replacement parts against defects in materials or workmanship for the remaining part of the original warranty period. **Note:** "Parts" means items included in this package, which may include the satellite dish assembly, receiver, LNBF, remote control, power supply, or dish mounting hardware. It does not include other parts purchased separately.

What the Warranty Does Not Cover

This warranty does not cover installation of the system. If applicable, such installation will be warranted under a separate installation agreement.

This warranty does not cover consumer instruction, physical setup or adjustment of any consumer electronic devices, remote control batteries, signal reception problems, loss of use of the system, or unused programming charges due to system malfunction.

This warranty does not cover cosmetic damage, damage due to lightning, electrical or telephone line surges, battery leakage, fire, flood, or other acts of Nature, accident, misuse, abuse, repair or alteration by other than authorized factory service, use of accessories not recommended by the receiver manufacturer, negligence, commercial or institutional use, or improper or neglected maintenance.

This warranty does not cover equipment sold AS IS or WITH ALL FAULTS, shipping and handling, removal or reinstallation, shipping damage if the equipment was not packed and shipped in the manner prescribed, nor equipment purchased, serviced, or operated outside the continental United States of America.

Limited Warranty, continued

Legal Limitations

REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. DISH SHALL NOT BE HELD LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESSED OR IMPLIED WARRANTY ON THIS SYSTEM, NOR FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF, OR INABILITY TO USE, THIS SYSTEM. SOME STATES MAY LIMIT OR EXCLUDE THE FOREGOING LIMITATION, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU. EXCEPT TO THE EXTENT PROHIBITED BY APPLICATION LAW, UNDER NO CIRCUMSTANCES SHALL DISH'S LIABILITY, IF ANY, EXCEED THE PURCHASE PRICE PAID FOR THIS SYSTEM. ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS SYSTEM IS LIMITED IN DURATION TO THE PERIOD OF THIS WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG A STATUTORY OR IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. DISH RESERVES THE RIGHT TO REFUSE TO HONOR THIS WARRANTY IF DISH DETERMINES ANY OF THE ABOVE EXCEPTIONS TO HAVE CAUSED THIS SYSTEM NOT TO HAVE PERFORMED PROPERLY. THIS WARRANTY SHALL BE VOID IF ANY FACTORY-APPLIED IDENTIFICATION MARK, INCLUDING BUT NOT LIMITED TO SERIAL OR CONDITIONAL ACCESS NUMBERS, HAS BEEN ALTERED OR REMOVED. THIS WARRANTY SHALL ALSO BE VOID IF THE RECEIVER HAS BEEN OPENED BY AN UNAUTHORIZED PERSON.

If You Need Assistance

Call the Customer Service Center at 1-800-333-DISH (3474). Have the date of purchase and either your customer account number, the receiver conditional access number, or the receiver model number ready. Display the System Info screen to find these numbers.

A Customer Service Representative will assist you.

If the Representative determines you should return any equipment, you will be directed to call a Return Authorization representative. Before shipping any equipment, you must talk to a Return Authorization representative and must obtain a Return Authorization (RA) number.

You will be given the appropriate address for which to return your equipment. Whether under warranty or not, you will be responsible for the cost of shipping back the defective equipment. For faster service, see the Advance Exchange Program below.

Returned equipment must be packaged properly, using either the original shipping materials or the packaging in which the replacement equipment is shipped. Include a copy of the Bill of Sale. Any items returned without a copy of the Proof of Purchase will be considered out of warranty. Follow the instructions given to you by the Customer Service Representative.

Write the RA number in large, clearly visible characters on the outside of the shipping box that you use to return the equipment. To avoid confusion and misunderstandings, shipments without an RA number clearly visible on the outside of the box will be returned to you at your expense.

DISH Exchange Program

DISH offers two options if you need to replace your satellite receiver equipment or its accessories.

Advance Exchange Program

The Advance Exchange Program allows you to have replacement equipment shipped immediately to you (depending upon where you live, it could take three to five business days). Along with replacement equipment, you will receive a prepaid shipping label and instructions on how to return the defective equipment. The shipping charge, for receiving replacement equipment and returning the defective equipment, is a one-time fee based on DISH's competitive bulk shipping rates (additional charges may apply outside of the continental US). This fee will be charged to your billing account or your valid credit card. If you do not ship the defective equipment to DISH within ten days after receiving the replacement, your billing account or credit card will be charged the market price of the replacement. If you return the defective equipment after ten days, you will receive a full refund less an administrative fee. If your equipment is out of warranty and can be repaired your billing account or credit card will be charged the standard repair fee for the replacement. If damage to the defective equipment is found, which DISH in its sole discretion determines has voided the warranty, or makes the equipment unrepairable, billing account or credit card will be charged the market price of the replacement.

Post Receipt Exchange Program

You may choose to ship the equipment to us at your cost. To provide faster service, upon receipt of your equipment you will be shipped a replacement. Your original equipment will not be available for return.

If the defective equipment is covered under this warranty, a replacement will be shipped back to you at no additional cost (additional charges may apply outside the continental US). If your equipment is not covered under warranty and can be repaired your billing account or credit card will be charged the standard repair fee for the replacement. If damage to the defective equipment is found, which DISH in its sole discretion determines has voided the warranty, or makes the equipment unrepairable, your billing account or credit card will be charged the market price of the replacement.

Accessory Warranty

An accessory is any DISH branded equipment, displaying the DISH logo, excluding the receiver, cables and hookups, and non-mechanical components. A one-year warranty becomes effective upon the activation of the DISH system or date of purchase, if bought separately. A proof of purchase is required to verify the purchase date. If an accessory has an expired warranty, no exchange will be issued. You may purchase replacement accessories from DISH or your local retailer.

FCC Compliance



The following text is extracted from Federal Communications Commission (FCC) regulations, as of the publication date of this User's Guide. Contact the FCC (see following) or your library for the complete text of the regulations.

This device complies with Part 15 of 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.

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 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 following 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.

Do not make changes or modifications to this equipment. This could void the user's authority to operate the equipment.

Product must be installed at least 20 cm (~8 inches) from typical person locations per FCC RF exposure regulations.

Operation of Wi-Fi on channels within 5150-5250 MHz is restricted to indoor use only.

If none of these remedies stops the radio interference, you should contact a licensed radio/television technician, your satellite dealer, or call the Customer Service Center at 1-800-333-DISH (3474), for assistance.

Agreement on Internet Usage via Wireless Joey Receiver

The software contained in the receiver may reference, display, link to, and provide users access to web services, sites, and information located worldwide through the Internet. Because EchoStar Corporation and DISH Network have no control over such sites and information, we make no representations, warranties or guarantees as to such sites and information, including but not limited to:

- (a) the accuracy, availability, sequence, completeness, timeliness, copyright compliance, legality, content, validity, or quality of any such sites or information, or
- (b) whether using the software may result in locating unintended, inappropriate, or objectionable content.

Because some of the content on the Internet consists of material that is adult-oriented, restricted to viewers at least 18 years of age or the age of majority where you live, or otherwise objectionable to some people or viewers, under the age of 18, the results of using the software may automatically and unintentionally result in the generation or display of sites, links, or references to such objectionable and/or adult-oriented material.

By using the software, you acknowledge that neither EchoStar Technologies L.L.C. nor DISH Network L.L.C. makes any representations, or warranties, or guarantees with regard to any sites or information displayed by or accessed by in connection with use of the software. EchoStar Technologies L.L.C., DISH Network L.L.C., their respective direct and indirect subsidiaries and parents, and the officers, directors, and shareholders of any of the foregoing companies shall not, directly or indirectly, be liable in any way to you or to any other person or entity for the content you receive using the software or for any inaccuracies, errors in, or omissions from the content. EchoStar Technologies L.L.C., DISH Network L.L.C., and their respective affiliates and licensors reserve the right to change, suspend, remove, or disable access to any services at any time without notice. In no event will EchoStar Technologies L.L.C., DISH Network L.L.C., their respective direct and indirect subsidiaries and parents, or the officers, directors, and shareholders of any of the foregoing companies be liable for the removal of or disabling of access to any such services. EchoStar Technologies L.L.C., DISH Network L.L.C., and their respective affiliates and licensors may also impose limits on the use of or access to certain services, in any case, and without notice or liability.

If You Need Help

1. Review the *Hopper*, *Hopper with Sling*, and *Wireless Joey* receiver guides available at mydish.com/manuals.
2. See *Troubleshooting* on page 26.
3. On your receiver, select the **Help** tile from the **Main Menu**.
4. Visit mydish.com/chat for 24/7 support.
5. Call the Customer Service Center at **1-800-333-DISH (3474)**.

For additional information, refer to the Residential Customer Agreement included with your Hopper and available at mydish.com/legal.

Index

B

Back up Settings 23

C

Connect Wireless Joey Receiver
to Home Video Network 11

D

DVD mode 5

DVR buttons

Back 6

DVR 6

Forward 7

Pause 6

Play 6

Record 6

Skip Back 6

Skip Forward 7

Stop 6

E

Exchange Program 31

F

FCC 32

Front Panel Controls 2

I

Insert Batteries 10

Internet Usage Agreement 33

L

Limited Warranty 29

Locate Remote 25

P

Parental Controls 20

Program Remote to Control
Another Device 17

R

Rear Panel Connections 2

Remote Button

Shortcuts 8

Restore Settings 24

S

SAT mode 3

Set up Wireless Joey Receiver 11

Share Content 22

T

Troubleshooting 26

TV mode 4

W

Warranty 29

Wireless Joey Receiver Information

You may need to provide this information if you call the Customer Service Center.

Note: Some of the items listed below may not be used at this time.

Purchase Location Name: _____

Purchase Location Telephone Number: _____

Wireless Joey Receiver Serial Number: _____

**Wireless Joey Receiver Smart Card
Conditional Access Number:** _____

Remote Control Settings

TV Television Code (TV Mode): _____

DVD DVD Code (DVD Mode): _____

AUX Auxilliary Device Code (AUX Mode): _____

AUX Auxilliary Device Type (AUX Mode): _____

**For all your customer needs,
go to www.mydish.com/chat or call
the Customer Service Center
at 1-800-333-DISH (3474)**

dish®

