



## UC1000 Universal Controller



Makes the  
**KING Quest™ Satellite Antenna System**  
compatible with

**DIRECTV®**

**DISH®**

**Bell TV™**

Please read the



**“BEFORE YOU START”**



section on the inside of this cover  
before using the UC1000 Controller.



11200 Hampshire Avenue South, Bloomington, MN 55438  
PH 952.922.6889 || FAX 952.922.8424 || [kingconnect.com](http://kingconnect.com)



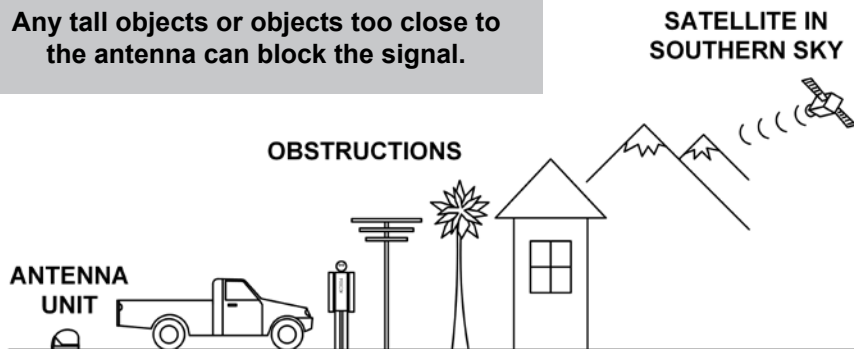
# BEFORE YOU START



**PLEASE READ ALL OF THE INFORMATION ON THIS PAGE  
BEFORE USING YOUR UC1000 CONTROLLER.**

The antenna unit requires a direct line-of-sight to the satellites in the southern sky.

Any tall objects or objects too close to the antenna can block the signal.



## IMPORTANT! DISH CUSTOMERS ONLY!

If you have a DISH Wally® receiver, or a model ViP®211z, ViP211k, ViP211 or 411 single tuner HD receiver, you can use the simplified KING® Tailgater® user interface on your receiver.

To do so, complete sections 1 and 2, and when you get to section 3 ANTENNA CONFIGURATION, choose Tailgater Mode.

**DO NOT USE SECTIONS 4 AND 5.** Instead, turn on your TV, receiver and controller and follow the on-screen instructions.

**Complete these five sections to start watching TV!**

- 1 CONNECTIONS
- 2 ALARM MODE
- 3 ANTENNA CONFIGURATION
- 4 RECEIVER CONFIGURATION
- 5 OPERATION

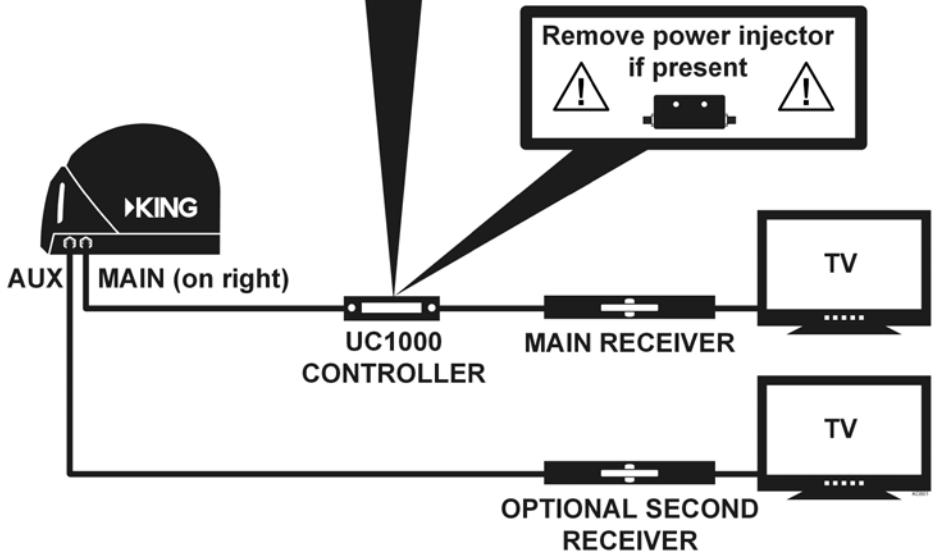
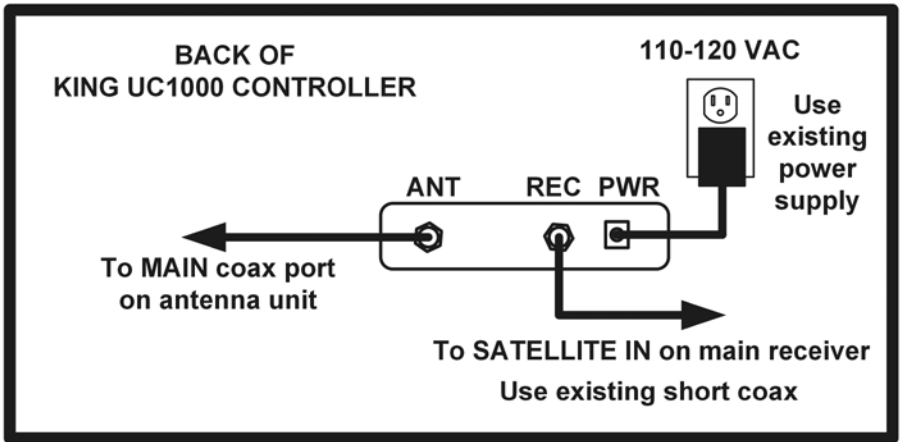
## IMPORTANT!



Never use the UC1000 Controller in combination with the power injector.



If your current KING Quest system uses a power injector, remove and replace it with the UC1000 Controller.




TVs, receivers, second receiver coax cable and TV to receiver cables all sold separately.



# 2

## ALARM MODE


This unit is shipped from the factory with the alarm feature in the ON mode. If you wish to have the alarm in the ON mode, you can skip this section and go to section 3. To disable the alarm, follow the instructions below.

- 


Press and **IMMEDIATELY RELEASE POWER** to turn on controller.

Wait for lights to stop flashing and COAX CONNECTION light to stay on (about 10 seconds).
- 


Simultaneously press and **HOLD POWER** and **SCAN** until controller begins beeping.

  - Single Beep (beep...beep...beep) Alarm is **OFF**.
  - Double Beep (beep beep...beep beep) Alarm is **ON**.
- 

Press and **IMMEDIATELY RELEASE SCAN** repeatedly to toggle between the on and off modes.

Beep pattern will change to indicate new mode.
- 

When alarm is in desired mode, press and **HOLD SCAN** until COAX CONNECTION light stops flashing.

Controller saves alarm setting.
- 

Press and **HOLD POWER** until controller turns off.

About 3 seconds.
- Go to section 3.

## ALARM OPERATION

If the coax cable is disconnected from the antenna unit or the controller while the system is turned on or in standby mode, the controller will sound an alarm.

To turn off the alarm when it is sounding, press and **HOLD POWER** until the controller turns off (about 3 seconds).

You can change the alarm mode at any time by following the steps on the previous page.

# 3

## ANTENNA CONFIGURATION

The KING UC1000 Controller is factory preset for **DISH HD and SD** (satellites 110, 119 and 129).

**If this is your desired service option, you do not need to configure your antenna. Go to section 4.**

If you wish to use a different DISH service option, or if you have DIRECTV or Bell TV service, you will need to reconfigure the antenna as shown below.

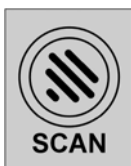
1



Press and **IMMEDIATELY RELEASE POWER** to turn on controller.

Wait for lights to stop flashing and COAX CONNECTION light to stay on (about 10 seconds).

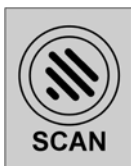
2



Press and **HOLD SCAN** until **SCAN PROGRESS** lights flash (controller enters service mode).

About 10 seconds.

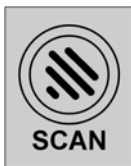
3



Press and **IMMEDIATELY RELEASE SCAN** repeatedly to scroll thru service options.

Match up lights on controller to lights in chart on opposite page for desired service.

4



Press and **HOLD SCAN** until SCAN PROGRESS lights turn off (controller saves service setting).

About 3 seconds.

5



Press and **HOLD POWER** until controller turns off.

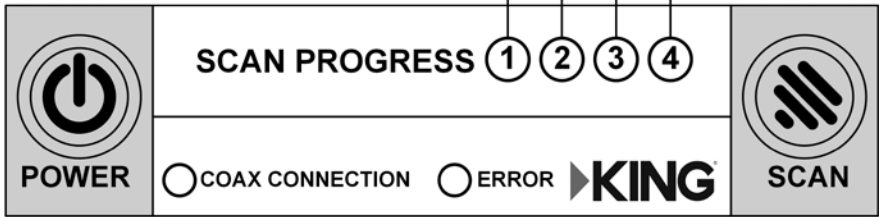
About 3 seconds.

6

Go to section 4.

# SATELLITE SERVICE CHART

Service Options	Satellites	SCAN PROGRESS Lights			
		1	2	3	4
DIRECTV SD	101	ON	OFF	OFF	OFF
DIRECTV SD with Locals	101, 119	ON	ON	OFF	OFF
DISH SD	110, 119	ON	OFF	ON	OFF
DISH HD and SD	110, 119, 129	ON	ON	ON	OFF
DISH HD and SD Alternate	61.5, 110, 119	ON	OFF	ON	ON
BELL TV SD	91	OFF	ON	OFF	OFF
BELL TV HD and SD	91, 82	OFF	ON	ON	OFF
TAILGATER MODE	110, 119, 129	OFF	ON	ON	ON



DISH AND BELL TV



DIRECTV



## DIRECTV RECEIVER CONFIGURATION

1. In the receiver's satellite setup menu screens, change the switch and dish type settings to:

### DIRECTV SD

Switch Type: 02:Multiswitch • Dish Type: 01: 18" Round

Older receivers: choose round dish-1 satellite

### DIRECTV SD with Locals

Switch Type: 02:Multiswitch • Dish Type: 02: 3-LNB (18 x 20")

Older receivers: choose oval dish-2 satellites

**If your receiver does not offer one of these settings, call KING at (952) 922-6889 ext. 173 for assistance.**

2. Go to section 5.

**The KING Quest will not work with SWM only receivers.**



# DISH AND BELL TV RECEIVER CONFIGURATION

## **DISH only: Automatic satellite switching:**

**DISH SD:** KING recommends using a DISH model 311 receiver.

**DISH HD and SD:** You can use any of these receivers:

Wally • ViP211z • ViP211k • ViP211 • 411.

If using any of these receivers, we highly recommend using Tailgater mode for simplified operation with the receiver's built in Tailgater interface (see section 3 to choose Tailgater Mode). This eliminates the need to configure your receiver as shown in this section.

**DISH and Bell TV:** If you do not have a clear view of the satellites, the switch will not load correctly.

The SW21 and SW64 switches are a receiver software configuration that is loaded into the receiver after successfully running a check switch test with the dish locked on and configured for the appropriate service.

This one time procedure will not need to be repeated after successful installation, unless:

- a) check switch test is run again while the receiver is connected to a home dish system.
- b) check switch test is run when the receiver is not connected.
- c) you travel outside your coverage area and reconfigure the antenna for a different service.
- d) you are parked in an area where the selected satellites are blocked, but are able to select alternate satellites and get signal.

1. Go to section 5, perform a scan as outlined in steps **1 - 3c**, then return here.

The antenna must locate all of the appropriate satellites before successfully completing the search process so it can properly configure your receiver.

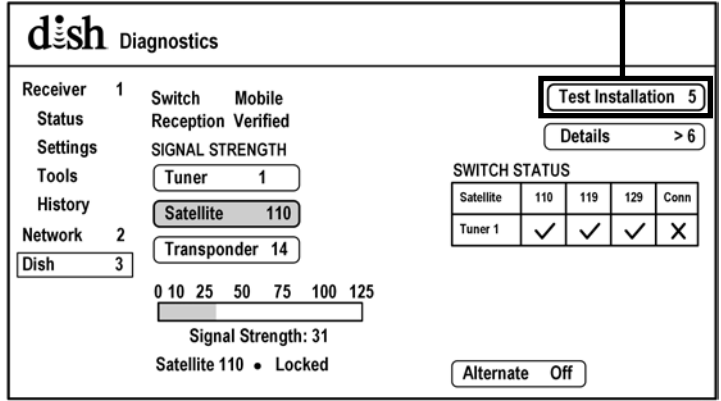
**If you configured the antenna for DISH HD and SD and the antenna cannot acquire the 110, 119, and 129 satellites, you may need to configure the antenna for DISH HD and SD Alternate (section 3).**

**Continue configuration process on next page.**

# WALLY RECEIVERS

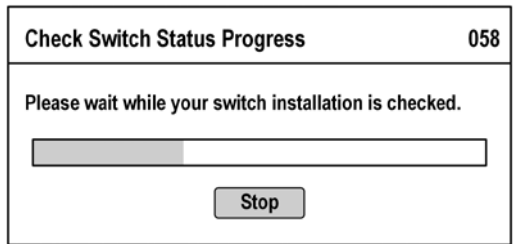
2. Use the receiver remote to go to the DISH Diagnostics page.

Highlight "Test Installation 5" and press **SELECT**.



Screen graphics may vary.

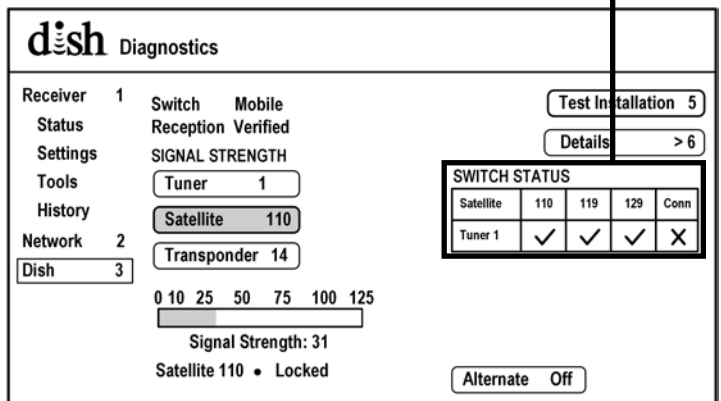
The receiver will perform a check switch test. This process can take a little while so PLEASE BE PATIENT.



3. When test is complete, verify the correct satellites were found.

Satellite	110	119	129	Conn
Tuner 1	✓	✓	✓	✗

Example shown: DISH HD and SD



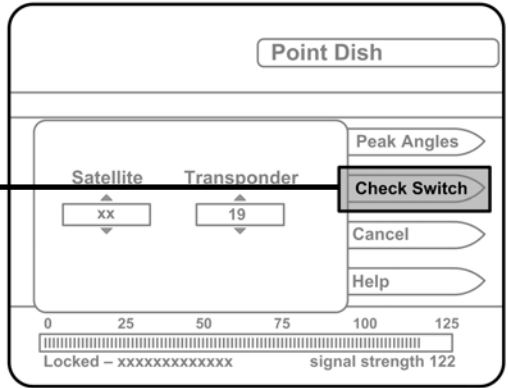
4. Go to section 5.

# VIP RECEIVERS

2. On the receiver remote, press **MENU, 6, 1, 1**.

Screen graphics may vary.

3. Highlight “Check Switch.”  
Press **SELECT** on your remote.

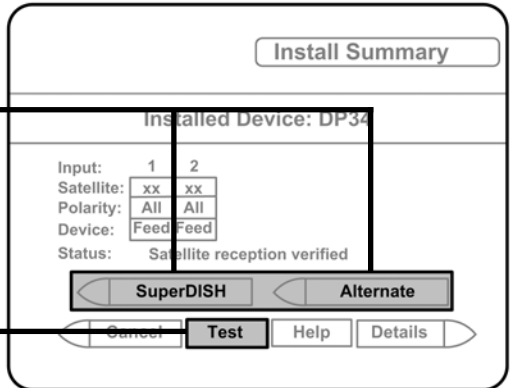


**NOTE: Some receivers may prompt you to select “Check Switch” a second time to initiate the test.**

4. Make sure “SuperDISH” and “Alternate” boxes are **NOT** selected.

**Not all receivers will display a screen with options that include “SuperDISH” and “Alternate” boxes.**

5. Highlight “Test.”  
Press **SELECT** on your remote.



The receiver will perform a check switch test. This process can take a little while so PLEASE BE PATIENT.

6. When test is complete, a screen similar to one on the next two pages should appear. After screen verification, continue with check switch test procedure steps 7-9 located after screen verification graphics.

**Because receivers are always changing, screen graphics may vary.**

### DISH SD

Install Summary

---

**MUST SHOW  
"SW21"**

**NO "X"s**

Installed Device: SW21

Input:	1	1	2	2
Satellite:	110	110	119	119
Polarity:	Odd	Even	Odd	Even

Status: Satellite reception verified

superDISH
Alternate

Cancel
Test
Help

### DISH HD and SD

Installation Summary

---

**NO "X"s**

**MUST SHOW  
"SW64"**

Satellite Input				
Port:	1	2	3	
Satellite:	119	110	129	
Trans:	OK	OK	OK	
Device:	Twin	Twin	Sgl	
Status:	Reception Verified			
Switch:	SW64			

SuperDISH
  Alternate

Cancel
Test
Help

### DISH HD and SD Alternate

Installation Summary

---

**NO "X"s**

**MUST SHOW  
"SW64"**

Satellite Input				
Port:	1	2	3	
Satellite:	119	110	61.5	
Trans:	OK	OK	OK	
Device:	Twin	Twin	Sgl	
Status:	Reception Verified			
Switch:	SW64			

SuperDISH
  Alternate

Cancel
Test
Help

## Bell TV HD and SD

The screenshot shows the 'Install Summary' screen for Bell TV HD and SD. A box labeled 'Installed Device: SW21' is highlighted. Below it, the input settings are shown as follows:

Input:	1	1	2	2
Satellite:	82	82	91	91
Polarity:	Odd	Even	Odd	Even

The status is 'Satellite reception verified'. Navigation buttons include 'superDISH', 'Alternate', 'Cancel', 'Test', and 'Help'.

**MUST SHOW "SW21"**  
**NO "X"s**

## Bell TV SD

The screenshot shows the 'Install Summary' screen for Bell TV SD. A box labeled 'NO SWITCH DETECTED' is highlighted. Below it, the input settings are shown as follows:

Input:	1	1	2	2
Satellite:	91	91	x	x
Polarity:	Odd	Even	x	x

The status is 'Satellite reception verified'. Navigation buttons include 'superDISH', 'Alternate', 'Cancel', 'Test', and 'Help'.

**"NO SWITCH DETECTED"**  
**or**  
**"INSTALLED DEVICE UNKNOWN"**  
**or**  
**similar**


If the indicated results are not obtained, go back to Step 2 and run test again. Contact KING if the check switch fails to load after 4 attempts.

- When the installation summary shows the successful check switch test results, save the settings, exit to the main menu screen and wait for programming to download.
- DISH HD and SD and DISH HD and SD Alternate only:** Verify that your saved settings show your desired satellite trio: 61.5, 110, 119 or 110, 119, 129. To switch trios, see section 3.
- Configuration is complete. Go to section 5.


**DISH CUSTOMERS USING TAILGATER MODE:**

Do not use these instructions. See **BEFORE YOU START** on inside of cover.

1 Make sure your TV and receiver are turned on.

2  Press and **IMMEDIATELY RELEASE POWER** to turn on controller.

Wait for lights to stop flashing and COAX CONNECTION light to stay on (about 10 seconds).


3  Press and **IMMEDIATELY RELEASE SCAN**.

a) The antenna will scan for the selected satellites. The four SCAN PROGRESS lights will cycle on and off to indicate a scan is in progress.

b) As satellites are located, the corresponding SCAN PROGRESS lights will turn on (see chart on opposite page).

c) When scan is complete, the appropriate lights will be on to show which satellites were found.

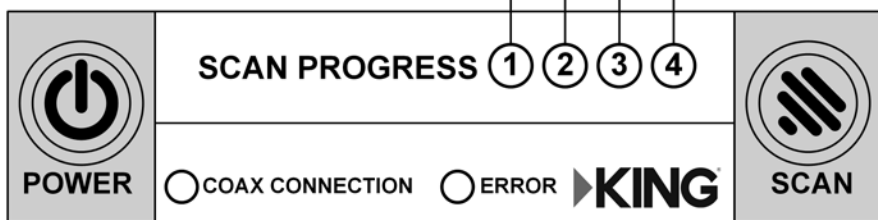
d) Wait for the program guide to download and then select your desired channel. Enjoy!

4  Press and **HOLD POWER** to turn off controller when done watching TV.

About 3 seconds.

## “SATELLITES FOUND” CHART

Service Options	Satellites	SCAN PROGRESS Lights			
		1	2	3	4
DIRECTV SD	101	ON	OFF	OFF	OFF
DIRECTV SD with Locals	101, 119	ON	ON	OFF	OFF
DISH SD	110, 119	ON	ON	OFF	OFF
DISH HD and SD	110, 119, 129	ON	ON	ON	OFF
DISH HD and SD Alternate	61.5, 110, 119	ON	ON	ON	OFF
BELL TV SD	91	ON	OFF	OFF	OFF
BELL TV HD and SD	91, 82	ON	ON	OFF	OFF



The order of the lights corresponds to the order of the satellites listed.

SYMPTOM	POSSIBLE CAUSE	COURSE OF ACTION
Controller will not turn on.	No power to controller.	Make sure power supply is plugged into a powered outlet and into controller.
	Power button held too long.	Press and <i>IMMEDIATELY</i> release button. Do not hold button down.
Pressing and holding buttons does not enter indicated mode.	Not holding buttons long enough.	Press and <i>HOLD</i> buttons until indicated lights start flashing. This may take up to 15 seconds.
Antenna unit scans but does not find satellite.	Line of sight obstruction.	Move antenna unit to have a clear view of the southern sky. Turn controller off and back on, and start a new scan.
Antenna doesn't find right satellites.	Controller programmed for wrong service.	When in configuration mode, make sure flashing SCAN PROGRESS lights match the lights indicated in the service chart.



# LIMITED WARRANTY

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Every new KING UC1000 Controller is thoroughly inspected and tested before leaving the factory, and is covered by the following one-year parts limited warranty from the date of original purchase:

- One-year parts warranty: The customer is not responsible for the cost of replacement parts if the original part is determined to be defective under the terms of the warranty. The customer is responsible for the cost of replacement parts after one year.

Only KING may perform warranty evaluations and repairs. Depending upon the problem, KING may authorize a dealer to perform the necessary repairs. Any warranty labor outside of that performed at the factory is not covered unless 1) the product has been installed by an authorized dealer/installer or OEM manufacturer and 2) the dealer/installer receives prior authorization in writing to perform the repair.

Should any trouble develop during the warranty period, contact KING at (952) 922-6889. You must contact KING before the warranty period expires. The customer must supply proof of purchase (such as a dated sales receipt) when requesting warranty service. If the customer cannot supply proof of purchase, warranty period shall start 30 days after date of manufacture.

If it is determined that the unit needs to be returned to KING, customer must return COMPLETE product, freight prepaid, to:

**KING, 11200 Hampshire Avenue South, Bloomington, MN 55438-2453.**

If inspection shows the trouble is caused by defective workmanship or material, KING will repair (or at its option, replace) without charge.

When returning product, KING will supply an RMA number (Return Merchandise Authorization). This number must be clearly written on the box. Failure to clearly write RMA number on box will result in delays in processing claim. Along with product, the customer should include in the box: his/her name, address, daytime phone number, proof of purchase and description of the problem.

This warranty does not cover installation or remanufactured units. This warranty is not transferable from the original owner.

Due to the expanding and changing TV market, KING cannot be held responsible for changes made to satellite services. Software updates to address such issues are not covered under warranty.

This warranty also does not apply where:

- The product has been abused, misused, improperly installed or improperly maintained.
- Repairs have been made or attempted by others that are not certified by KING to do such repairs.
- Repairs are required because of normal wear and tear.
- Alterations have been made to the product.
- The unit has been opened without authorization.
- Circumstances beyond the control of KING cause the product to no longer operate correctly.
- Customer is not the original owner.

In no event shall KING be liable for any indirect, incidental, or consequential damages from the sale or use of the product. This disclaimer applies both during and after the term of the warranty.

KING disclaims liability for any implied warranties, including implied warranties of "merchantability" and "fitness for a specific purpose," after the term of this warranty.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.





**Simply better, by design.™**



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DIRECTV is a registered trademark of DIRECTV L.L.C.

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