

# KING | ONE<sup>PRO</sup><sup>TM</sup>

## KOP4800 Owner's Manual



This manual is for units  
manufactured on or after  
11/16/2020.

Mfg. date is on serial number label.



Label is located on base.

## For use with DISH<sup>®</sup> satellite programming



The KING One Pro works with DIRECTV<sup>®</sup>, DISH, and Bell<sup>™</sup> TV. This manual is for DISH subscribers WITHOUT the following receivers.

Wally<sup>®</sup> • ViP<sup>®</sup> 211z • ViP211k • ViP 211 • 411

Manuals for DISH (with the receivers listed above), DIRECTV and Bell subscribers are available at [kingconnect.com/support](http://kingconnect.com/support).

Use this manual only if you have a DISH receiver NOT listed above.





The satellite TV market is expanding and changing. The information in this manual was accurate at the time of printing. If your KING One Pro Satellite Antenna does not operate as outlined in this manual, please call KING® at (952) 345-8147 or visit our website at *kingconnect.com*.

**KING is not responsible for changes outside of its control.**



**PRODUCT REGISTRATION**

To provide ongoing technical support and to better facilitate warranty processing, please register your product at *kingconnect.com/support*.

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If you switch services or want to use a Wally or ViP model receiver, you will need the appropriate on-line manual to configure the antenna for your new service or receiver. Go to the Satellite Products section. Under KING One Pro Premium Satellite Antenna, choose from the following:

**MANUAL: WALLY RECEIVER** (KING One Pro DISH Wally Receiver Owner’s Manual)

**MANUAL: VIP RECEIVERS** (KING One Pro DISH ViP Receiver Owner’s Manual)

**MANUAL: DIRECTV** (KING One Pro DIRECTV Owner’s Manual)

**MANUAL: BELL** (KING One Pro Bell Owner’s Manual)

# INTRODUCTION

## Thank you for choosing the premium **KING One Pro Portable HDTV System!**

### IMPORTANT SAFETY AND CARE INFORMATION

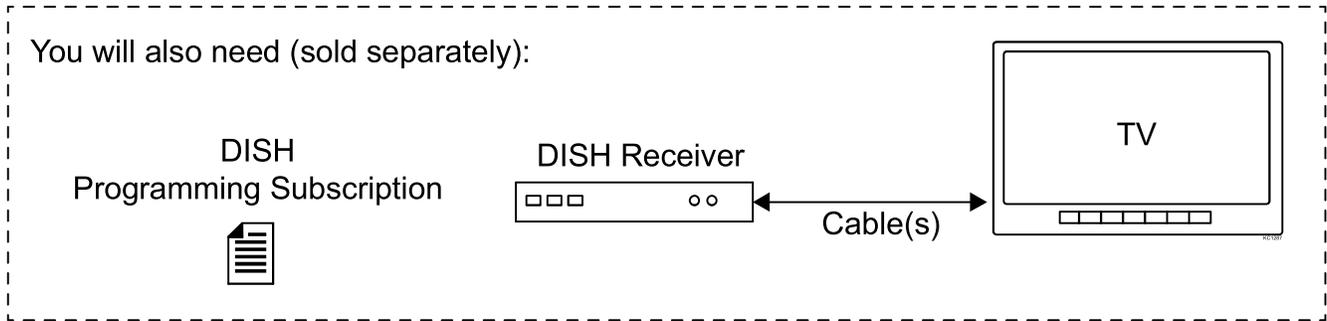
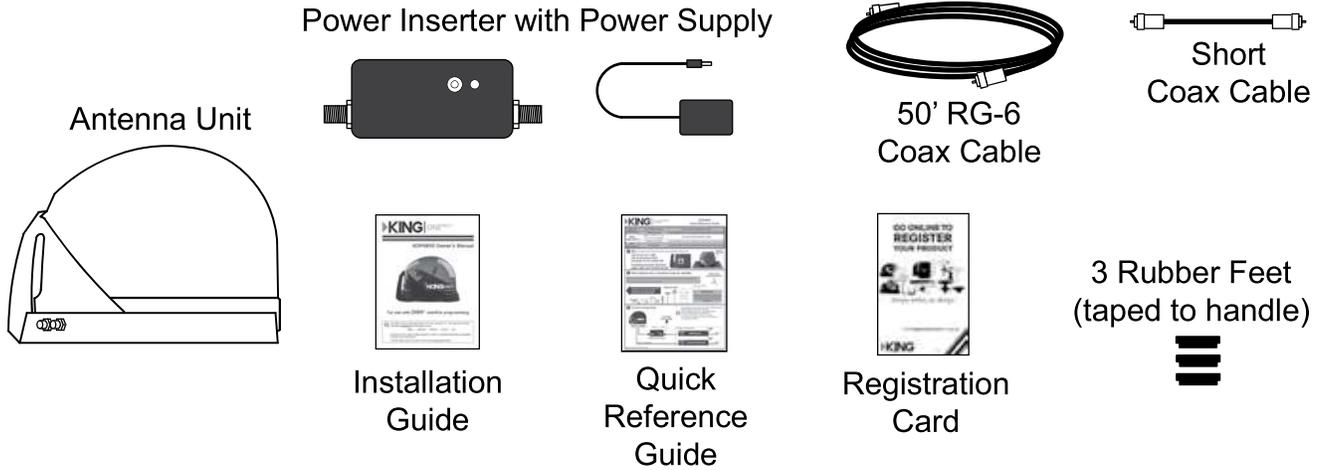
1. Keep the Quick Reference Guide and Installation Guide that came with your KING One Pro in a safe place for future reference. You may also print this on-line manual and keep it for future reference as well.
2. Follow all instructions and warnings. Set up and operate the KING One Pro in accordance with the instructions.
3. To avoid risk of electric shock, unplug your receiver before connecting/disconnecting the KING One Pro in damp or wet conditions.
4. Tighten all of the coax cable connections only by hand. If you use a wrench, you may over-tighten the connections and damage your equipment.
5. Always handle the KING One Pro carefully. Do not drop the KING One Pro. Avoid excessive shock or vibration to the KING One Pro.
6. Use caution when carrying the KING One Pro. Always carry the KING One Pro by the handle.
7. Do not remove the cover of the KING One Pro without authorization. Doing so will void the limited warranty.
8. Do not stack the KING One Pro on top of or below other electronic devices as this can cause heat build-up or block the satellite signal from reaching the KING One Pro.
9. Do not operate or store near any indoor or outdoor heat source such as radiators, heat registers, stoves, barbecues, campfires, or other items that produce heat.
10. Servicing may be required if the unit has been dropped or damaged in any way or if the unit does not operate normally. Call KING Customer Service at (952) 345-8147.
11. Do not power wash the KING One Pro.
12. Do not submerge the KING One Pro or place in standing water.
13. Keep the enclosure clean from dirt, bugs, and other debris by hand washing with mild soap and water.
14. Do not coat or paint the KING One Pro with any substance.

The KING One Pro has been designed to be maintenance and trouble free. If not using the KING One Pro for long periods of time, it is recommended that you set up the system on a quarterly basis (every three months) to keep all moving parts of the KING One Pro in good working order.

If you have any comments or questions, please contact KING Customer Service at (952) 345-8147, or by email at [help@kingconnect.com](mailto:help@kingconnect.com).

**QUESTIONS? (952) 345-8147**

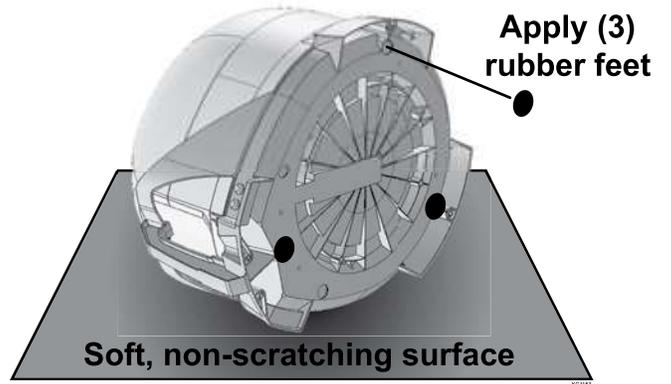
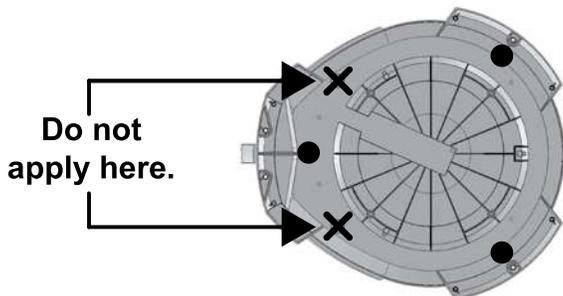
# UNBOX ANTENNA



# APPLY RUBBER FEET



**Do not apply rubber feet if roof-mounting the antenna unit. See the included Installation Guide.**



# POSITION ANTENNA



**POSITION THE ANTENNA TO HAVE A CLEAR VIEW OF THE SOUTHERN SKY.**

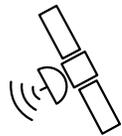
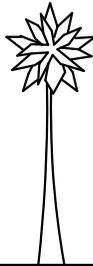
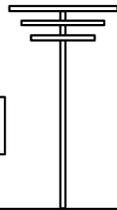
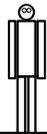
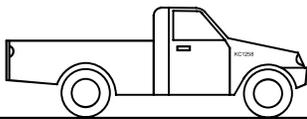
**ALWAYS KEEP A CLEAR LINE-OF-SIGHT TO THE SATELLITES DURING AND AFTER THE SCAN.**

**SATELLITES IN SOUTHERN SKY**



**OBSTRUCTIONS**

**ANTENNA UNIT**



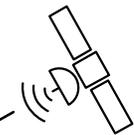
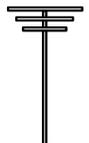
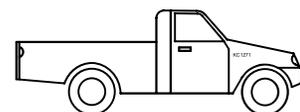
**Reasonably level surface**



**SATELLITES IN SOUTHERN SKY**

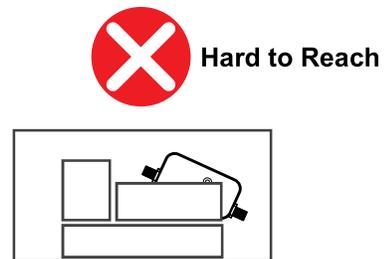
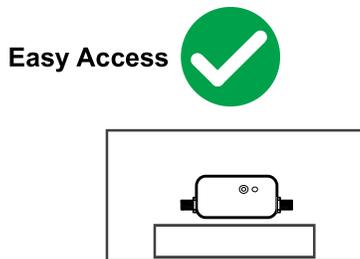
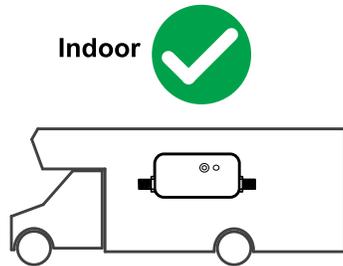
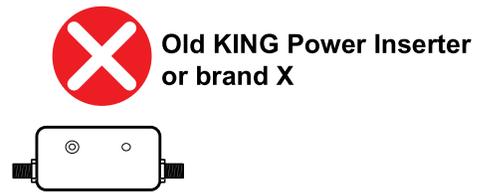
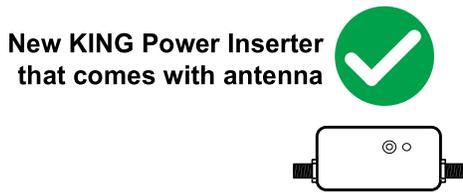
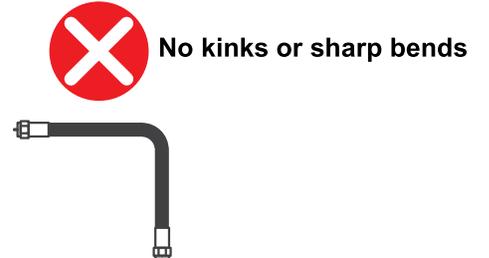
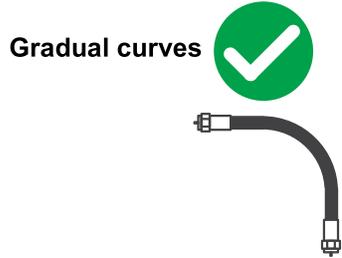
**Clear Line-of-Sight**

**ANTENNA UNIT**



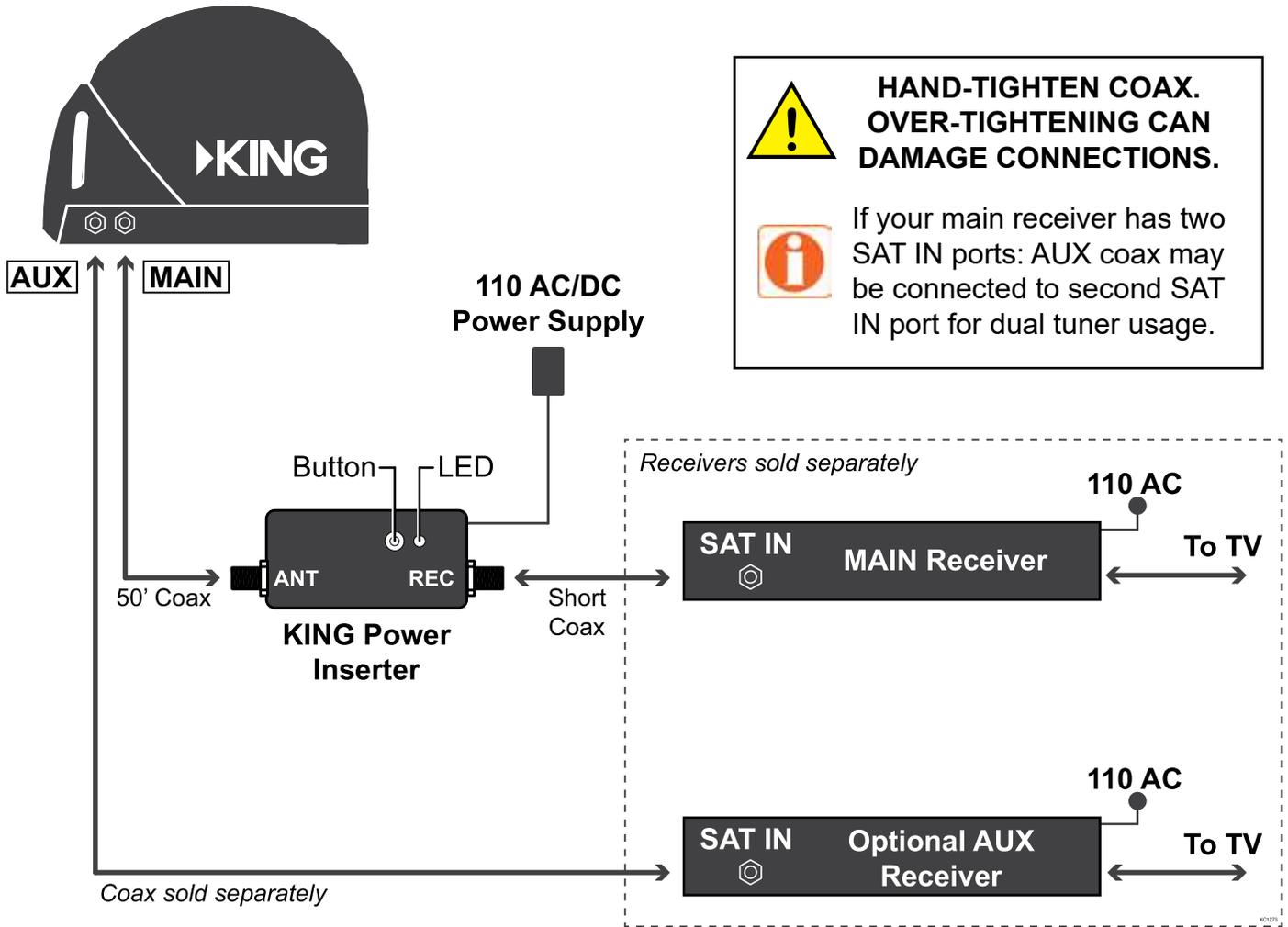
Pointing handle north may speed up scan but is not required.

# OBSERVE CAUTIONS WHEN CONNECTING ANTENNA

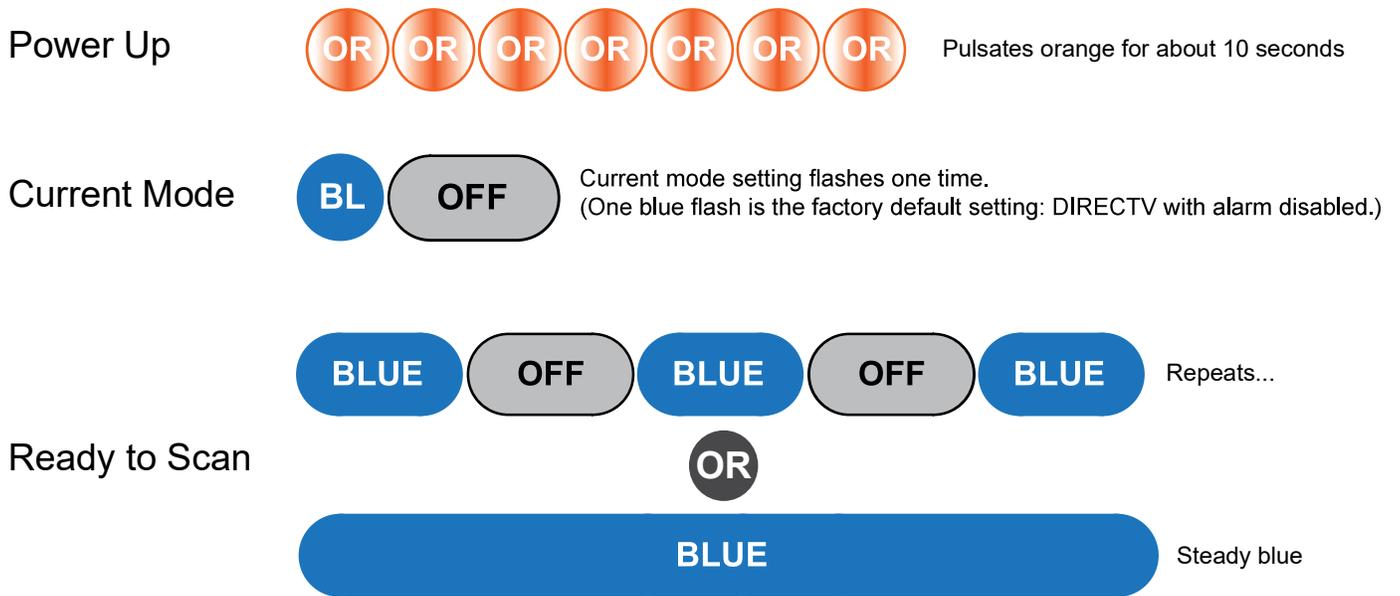


# CONNECT ANTENNA

Make all connections and make sure your TV and receiver are turned on.



**After making connections, the power inserter will boot up as follows:**



**Go to next page to configure your antenna.**

# CONFIGURE ANTENNA



The KING One Pro comes factory preset for MODE 1 (DISH with Wally/ViP receivers).

You will need to reconfigure the antenna for your non-Wally/ViP receiver based on where you are in the country (see map below) and whether you want the alarm enabled or not.

This is a one-time procedure unless you travel between the geographical areas shown below and wish to reconfigure the antenna for better satellite acquisition.

Choose your desired MODE and follow the instructions on the next page.

**MODE 2:** • DISH Western Arc • Alarm disabled

**MODE 6:** • DISH Western Arc • Alarm enabled\*

**MODE 4:** • DISH Hybrid Arc • Alarm disabled

**MODE 8:** • DISH Hybrid Arc • Alarm enabled\*



\*See page 15 for details on how the alarm works.

You can enable or disable the alarm at any time using this procedure.

See page 16 for an explanation of Modes 1-8.

## MODE 4 & 8 (Hybrid Arc 61.5, 110, 119)

Reception from the 129 may be difficult in this area.  
Choose Mode 4 or 8 for best signal reception.

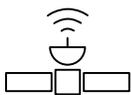
## MODE 2 & 6 (Western Arc 110, 119, 129)

MODE 2 or 6 will work for most of the country.

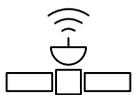
The antenna unit may have trouble locking onto the 129 when in the northeastern United States (you can use the Dish Diagnostics Screen after a scan to check this).

If the antenna unit does not lock onto the 129, choose MODE 4 or 8. Any programming from the 129 will not be available when using either of these modes.

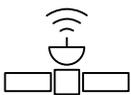
You can switch between the modes as necessary when traveling between the coverage areas shown.



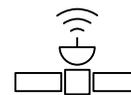
129



119

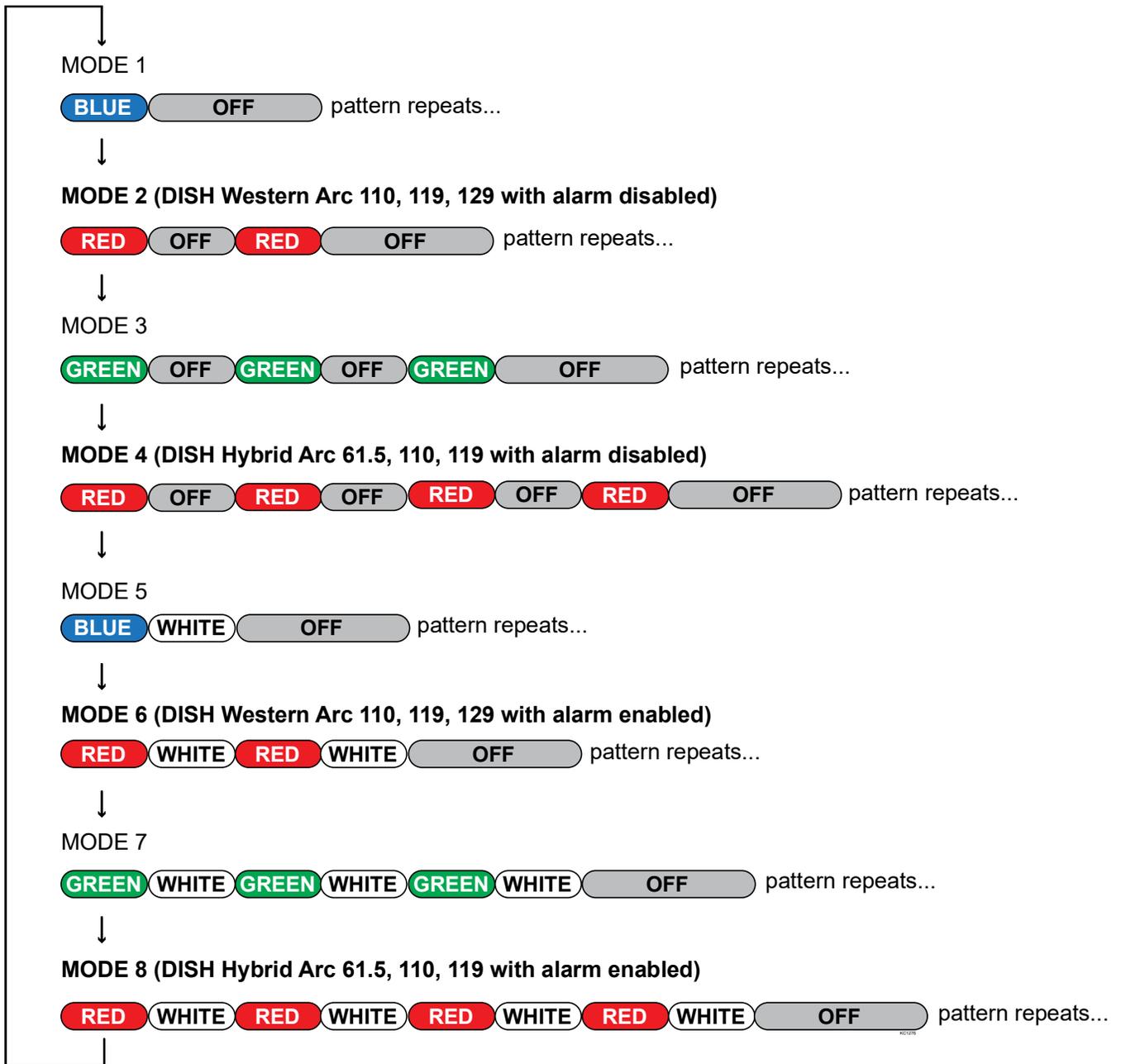


110



61.5

1. Press and hold the power inserter button for 10 flashes of the LED. The LED will flash blue (factory default for new units).
2. Press and release button to choose desired setting.



3. When desired mode is displayed, press and hold button for about 3 seconds until the LED starts flashing red.

**NOTE:** Use this procedure to enable/disable the alarm as desired.

**Go to page 10 to start a scan.**



**Time Out Function:** If you do not press the button for one minute after entering configuration mode, the power inserter will stay in whatever mode it was in before you entered configuration mode.

# SCAN FOR SATELLITES

Make sure the LED is flashing red.



**WHILE SCANNING, DO NOT BLOCK THE ANTENNA UNIT'S LINE-OF-SIGHT TO THE SATELLITES IN THE SOUTHERN SKY AT ANY TIME!**

**IF YOU MOVE THE ANTENNA ANY TIME DURING OR AFTER THE SCAN, YOU WILL HAVE TO REPEAT THE SCAN.**

Press and release the power inserter button to start a scan. The LED will flash red.



When scan is complete and all 3 satellites are found, the LED will turn steady red.



(If you do not get steady red, see chart on opposite page.)

Use your receiver's satellite information screen to confirm satellite acquisition, then go to page 12 and run the check switch.



**NO SATELLITES FOUND:** run another scan (press button).

**1 or 2 SATELLITES FOUND:** you can still run the check switch on page 12, but you will have fewer available channels when it is complete.

You can also run another scan (press button once to turn LED yellow, and press a second time to start a new scan).

Many times lack of satellite acquisition is due to obstructions. Try moving the antenna to have a better view of the southern sky before starting a new scan.



# SATELLITES NOT FOUND

## MODE 2 & 6 (Western Arc) and MODE 4 & 8 (Hybrid Arc)

No satellites found



### MODE 2 & 6 (Western Arc)

110 not found



119 not found



129 not found



110 & 119 not found



110 & 129 not found



119 & 129 not found



### MODE 4 & 8 (Hybrid Arc)

61.5 not found



110 not found



119 not found



61.5 & 110 not found



61.5 & 119 not found



110 & 119 not found



# RUN CHECK SWITCH



The SW64 switch is 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 is a one-time procedure that will not need to be repeated after successful installation, unless:**

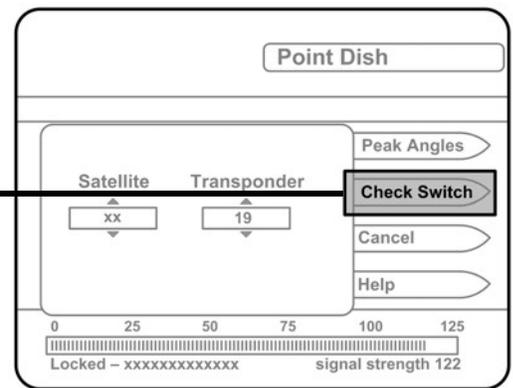
- check switch test is run again while the receiver is connected to a home dish system.
- check switch test is run when the receiver is not connected.
- you travel outside the coverage area of either arc and switch to the other.
- you are parked in an area where the selected satellites are blocked, but are able to select alternate satellites and get signal.

1. On the receiver remote, press **MENU, 6, 1, 1** to go to the Point Dish screen.

2. 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.**



Screen graphics may vary.

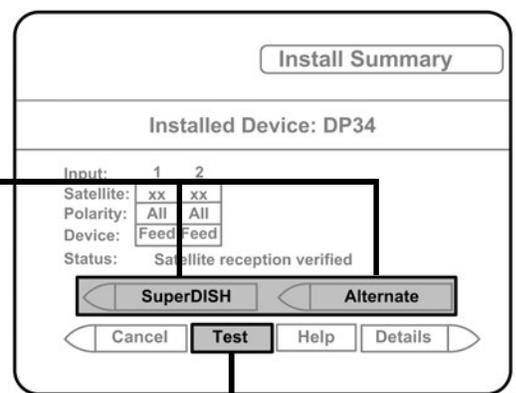
3. Make sure "SuperDISH" and "Alternate" boxes are **NOT** selected.

**NOTE: Not all receivers will display a screen with options that include "SuperDISH" and "Alternate" boxes.**

4. 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.

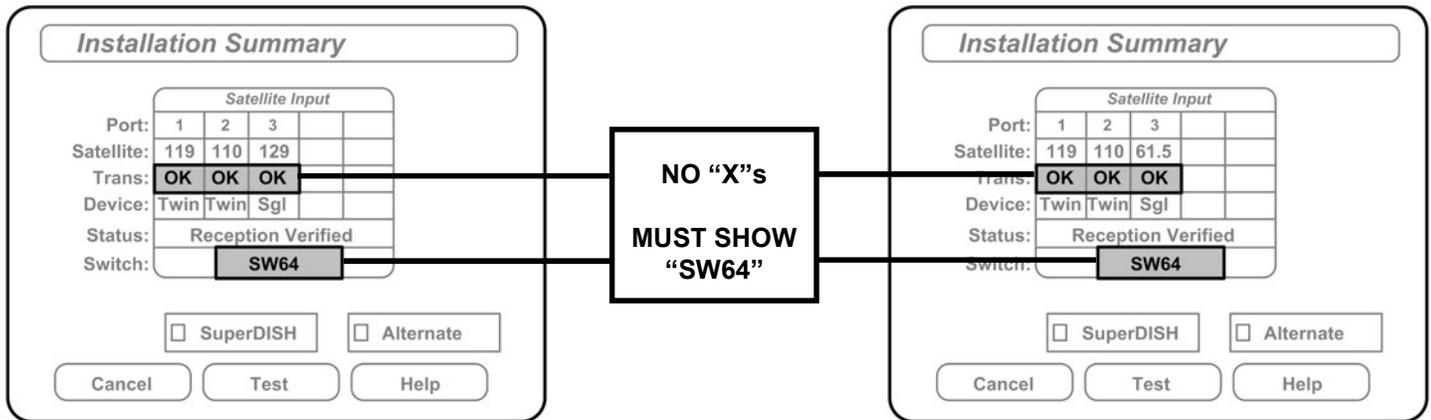


5. When test is complete, a screen similar to one below should appear.

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

### MODE 2 & 6 (Western Arc)

### MODE 4 & 8 (Hybrid Arc)



If the indicated results are not obtained, go back to Step 1 and run test again. Contact KING if the check switch fails to load after 4 attempts.

6. 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.

**NOTE:** Verify that your saved settings show your desired satellite trio: 61.5, 110, 119 (Hybrid Arc) or 110, 119, 129 (Western Arc).

7. When programming has downloaded, select your desired channel. **Enjoy!**



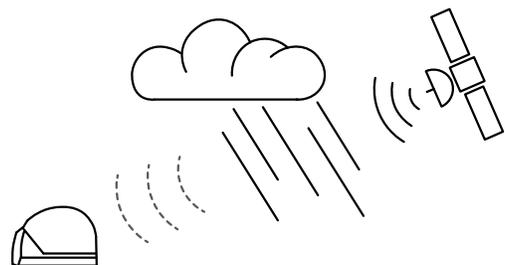
**For standard operation, make all connections and start a scan (press button while LED is flashing orange), then wait for programming to download, select your desired channel and watch TV.**

**The antenna unit may lock onto the satellite in as little as 2 minutes, but may occasionally take up to 10-15 minutes.**

If you move the vehicle, you will have to reacquire the satellites by repeating the scan process.

Your local channels may not be available when traveling outside your home area.

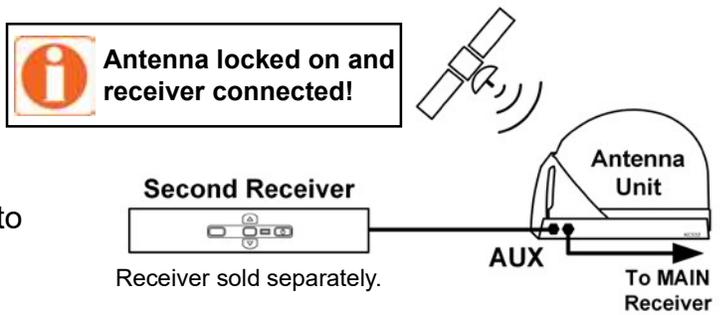
Inclement weather can reduce signal strength and cause temporary picture loss. Picture will return as conditions improve.



## SECOND RECEIVER OPERATION

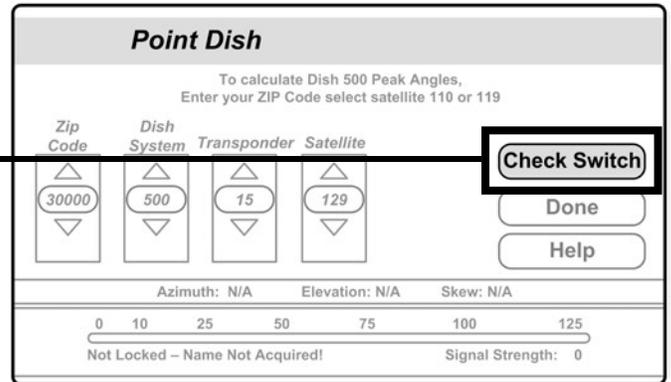
### INITIAL SETUP FOR SECOND RECEIVER

1. With the antenna locked on the satellite and the second receiver connected to the antenna unit's AUX port coax, use your DISH remote control and press **MENU, 6, 1, 1** to display the *Point Dish* screen.



2. Use the arrow buttons on the remote to highlight "Check Switch."

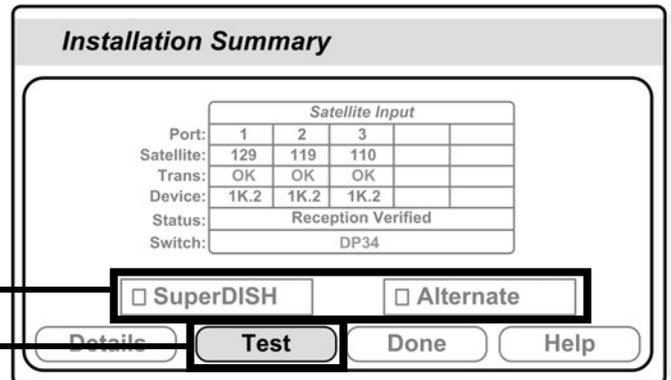
Press **SELECT** on your remote.



3. Verify "SuperDISH" and "Alternate" are not selected.

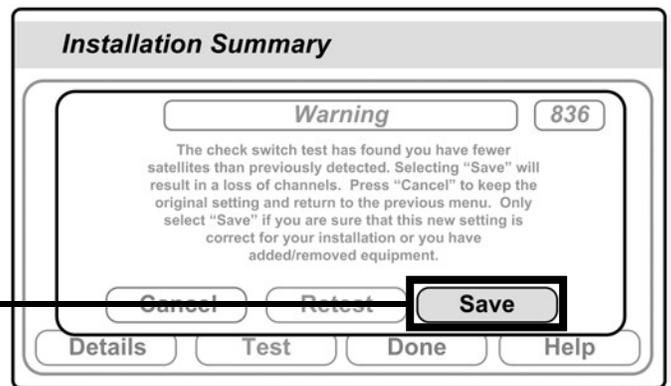
Verify "Test" is highlighted.

Press **SELECT** on your remote.



4. When test is complete, highlight "Save."

Press **SELECT** on your remote.



**See the next page for downloading programming to the second receiver.**

## DOWNLOADING PROGRAMMING TO THE SECOND RECEIVER

1. After completing the steps on the previous page, reset the second receiver by pressing the POWER button on the front panel for 10 seconds. The TV picture will go away and should reappear within two minutes.

The receiver will then download the program guide to show only the channels available on the current satellite as determined by the channel selected on the main receiver. Downloading the new program guide can take up to five minutes to complete.

The channels available on the second receiver are determined by the channel/satellite selected on the main receiver. For example, if you select a channel on the main receiver that is broadcast from the 119 satellite, then the second receiver will be able to view any channel broadcast from the 119 satellite.

If you switch channels on the main receiver to one that is broadcast from a different satellite, (for example your channel was broadcast from satellite 119 but your new channel is broadcast from the 110 or 129), the antenna will automatically switch to the new satellite and programming will be lost on the second receiver until you either:

- Select a channel on the main receiver that is broadcast from the previous satellite (satellite 119 in this example).
- (or)
- Reset the second receiver to download the program guide for the newly selected satellite (satellite 110 or 129 in this example).

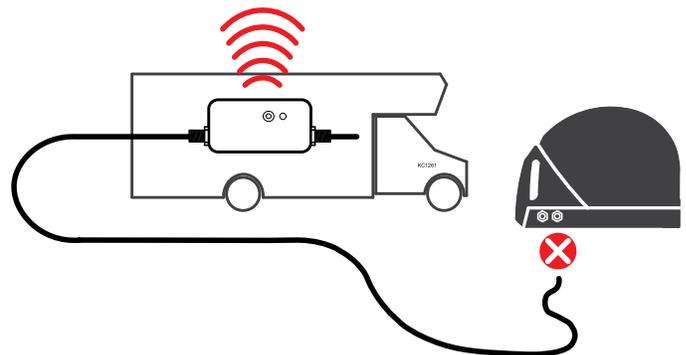


If you choose a channel on the main TV that causes the antenna to switch satellites, you may have to run a check switch on the second receiver.

## HOW THE ALARM WORKS

When the alarm is enabled, the power inserter will sound an alarm if the coax is disconnected from the antenna.

- Alarm shuts off after 10 seconds or when coax is reconnected.
- Alarm also sounds if coax is disconnected from power inserter.
- See page 8 to enable alarm.



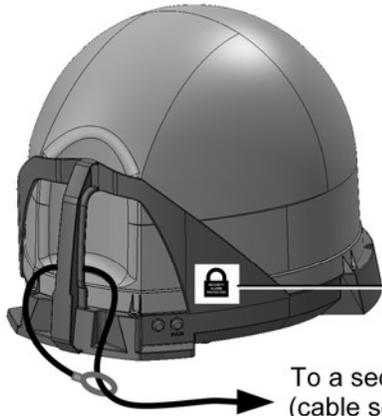
## MODE CHART

MODE	SERVICE	SATELLITES		ALARM
1	DIRECTV	101, 119	DIRECTV Subscribers	DISABLED
	DISH	61.5, 110, 119, 129	DISH subscribers with Wally, ViP211z, 211k, 211 or 411 receivers	
2	DISH	110, 119, 129	DISH subscribers with receivers not listed in MODE 1	DISABLED
3	Bell TV	82, 91	Bell TV Subscribers	DISABLED
4	DISH	61.5, 110, 119	DISH subscribers with receivers not listed in MODE 1	DISABLED
5	DIRECTV	101, 119	DIRECTV Subscribers	ENABLED
	DISH	61.5, 110, 119, 129	DISH subscribers with Wally, ViP211z, 211k, 211 or 411 receivers	
6	DISH	110, 119, 129	DISH subscribers with receivers not listed in MODE 1	ENABLED
7	Bell TV	82, 91	Bell TV Subscribers	ENABLED
8	DISH	61.5, 110, 119	DISH subscribers with receivers not listed in MODE 1	ENABLED



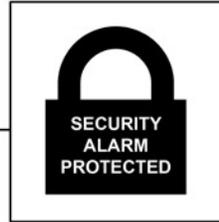
**MODES 1 & 5:** Antenna unit will detect either DIRECTV or DISH receiver and function accordingly.

# SECURE THE ANTENNA



To a secure object  
(cable sold separately)

The KING Antenna can be secured to an object by looping a cable thru the handle.



If using the security alarm, apply the included sticker for additional theft deterrence.

# TROUBLESHOOTING



If you connect or install the antenna unit using any of the vehicle's internal wiring/coax, and the antenna unit does not work properly, it could be the vehicle's wiring/coax. Connect a known good coax directly from the antenna unit to the power inserter and see if the problem goes away. If it does, the vehicle's wiring/coax is at fault. KING is not responsible for faulty vehicle wiring/coax.

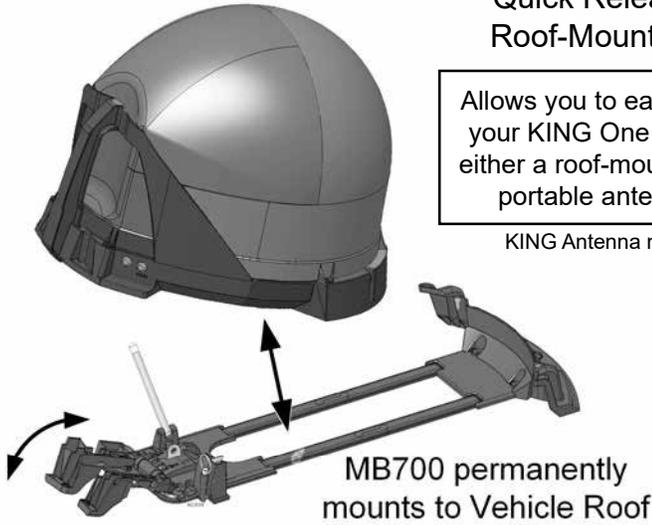
Symptom	Possible Cause	Troubleshooting
Antenna unit does not scan for satellites.	No power to antenna unit.	Make sure antenna unit is connected to power inserter.  Make sure power supply is plugged into a known good power source and connected to power inserter.
Antenna unit scans but no picture on TV.	Improper connections made.	Make sure antenna unit is connected to power inserter, and power inserter is plugged in.  Make sure powered receiver is connected to TV and the power inserter.
Antenna unit scans but does not find satellite.	Line-of-sight obstruction.	Move antenna unit to have a clear view of the southern sky. Start a new scan.
Picture on TV goes in and out.	Temporary obstruction of signal.	Heavy rain or snow may cause loss of signal. Reception will improve as weather clears.  Make sure nothing is temporarily blocking view to the southern sky (like tree branches blowing in the wind).

# ACCESSORIES (Sold separately - see the satellite antenna accessories page at [kingconnect.com](http://kingconnect.com))

## MB700 Quick Release Roof-Mount Kit

Allows you to easily use your KING One Pro as either a roof-mounted or portable antenna.

KING Antenna not included.



MB700 permanently mounts to Vehicle Roof

## MB500 Mounting Bracket

Includes (2)  
Hanger Brackets



Allows hanging of antenna unit on vehicle window or included hanger bracket.

For stationary use only.  
Vehicle must not be in motion while antenna unit is on window or hanger bracket.

KING Antenna not included.

## CB1000 Carry Bag

KING One Pro fits securely inside. Features include zippered cover, foam padding, carry handles and pockets for cables, receiver and remote.

KING Antenna not included.



## TR1000 Tripod Mount

Allows you to position your KING One Pro almost anywhere for best line-of-sight to satellite. Keeps antenna off the ground away from moisture.

KING Antenna not included.



## MB160 Mounting Bracket



MB160 Mounts to  
Back of Vehicle

The KING One Pro is not compatible with the MB100 Mounting Bracket. Use of the MB100 will void warranty.

The use of any unauthorized mounting bracket will void warranty.

KING Antenna not included.

# LIMITED WARRANTY

KING One Pro Satellite Antennas are thoroughly inspected and tested before leaving the factory, and are covered by the following limited warranty from the date of original purchase:

- Two-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 two years.
- One-year labor warranty: The customer is not responsible for labor costs to repair unit if labor is performed within the labor warranty period. The customer is responsible for all labor costs after one year.

Only KING and certified dealers 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 to perform the repair.

A certified dealer must not perform any repair without first contacting KING for a Service Order Number. KING will advise the dealer on how to proceed with any repairs.

Should any trouble develop during the warranty period, contact KING at (952) 345-8147. 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 may result in delays in processing claim. Along with product, 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 and external wiring, or remanufactured units. This warranty does not cover damage caused by the use of an accessory other than a KING accessory designed for the product. 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.
- The product has been used with an accessory other than a KING accessory designed for the product.
- 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 product or any associated component has been opened without authorization or disassembled to any degree.
- Damage has been caused by power washing.
- 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 this 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.

# FCC GUIDELINES

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 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 incur 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 or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the 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.



**Simply better, by design.™**



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

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