



User Guide

For Help, Call 1-800-788-4417.

For Receivers and Programming,
Call 1-866-609-9374.

For up-to-date information on receiver
compatibility and programming, visit
www.winegard.com/receivers.

DO NOT RETURN ANTENNA TO PLACE OF PURCHASE.



U.S. Patent
Pending



Identifying Carryout MP1 Parts

Dish Notch
provides place to safely
lift dish for setup

25' Coax Cable
allows optimal antenna
placement and stores
in base for easy stowing

Locking Clips
tightly locks the two halves
together for storage

Bubble Level
helps to check antenna is
level for easy set up

**Elevation Markings
and Knobs**
assist in elevating and locking
antenna at exact angle

Tie Downs
provide place to secure the base
with stakes *(not provided)*

**Twist On/Off
Cap**
fill top portion
with water or sand
for increased stability

Reflector
collects the signal

LNB
captures the signal
DO NOT PULL ON LNB!

Compass
ensures antenna is pointed to
correct southern setting

Durable Case
protects dish while not in
use and functions as mount
during use

Azimuth Lock Knob
threads through center of top portion
and base to prevent left to right
movement - stores inside base



1) Setting Up the Carryout MP1

The most important factor in finding the satellite is the location of the antenna.

This is because the satellite signal will not pass through solid objects. Trees, plants, people, vehicles, buildings, signs and even glass will all block the satellite signal. Because of this, it is vital to **select a location with a clear, unobstructed view of the southern sky.**

The next thing to be aware of is traffic. How likely is someone to disturb the MP1 by tripping over or driving into it? Does the coax cable cross a walking path or will people drive over the cable?

Finally, try to select a location that will allow the MP1 to sit level. The closer the unit is to level, the more accurate the look angles are for each search. This makes finding a satellite much easier.



Separate the two halves of the MP1. For increased stability, **remove the twist off cap** located on the top half of the MP1 and **fill** with water or sand. This will provide enough weight for the unit to stay on signal in most conditions. However, it is recommended that the unit be filled with sand in situations where the temperature could stay below freezing for more than a few hours. The case can be damaged if water is allowed to freeze inside the unit.

Place the TOP half with the reflector facing UP on the base. **DO NOT use the LNB or the reflector as a handle.** Lift the reflector by placing a finger in the notch at the edge of the reflector. Continue to step 2 - **Wiring the Carryout MP1.**

When Packing Up the MP1

- Remove the Azimuth lock knob and reinsert it into its holding slot inside the top half of the MP1 case.
- Disconnect the coax from the receiver and carefully coil the coax back into the space under the reflector.
- Loosen the elevation knobs and lower the reflector.
- Tighten the elevation knobs to lock the reflector in place.
- Remove the twist off cap and empty the water or sand from the top half of the unit.
- Replace the cap and remove any stakes holding the unit down.
- Set the top half on the base and lock the two halves together.

IMPORTANT:

When preparing the Carryout[®] MP1™ for storage, be sure to tighten both elevation knobs to **lock the reflector in the DOWN position.** This will help protect it while you travel.

2) Wiring the Carryout MP1

The satellite receiver powers the LNB by sending voltage up the coax cable. This voltage can damage many cable TV systems. Therefore, many things are designed to block this voltage, items such as splitters, video switches and many wall plates will stop the satellite signal. For this reason, it is important to run the cable directly from the satellite receiver to the MP1 when searching for a signal.

Loosen the Elevation Adjustment Knobs and raise the reflector up enough to access the coaxial cable. Do not lift from the LNB, use the **notch** on the edge of the reflector near the handle to lift the reflector.



The Coaxial Cable needs to run **DIRECTLY** to the **Satellite In port** on the back of the Satellite Receiver.

*If wiring through a Wall-Plate on the side of a coach, consult **Using Outside Receptacle** steps on the back of this guide.



To add a 2nd Coaxial cable, just remove the cap on the **2nd output** of the LNB (behind the reflector) and connect a 2nd coaxial cable (sold separately) to the LNB. Also run that coaxial cable directly to your 2nd satellite receiver (or 2nd input on Dual Tuner).



3) Finding the Azimuth and Elevation



Before Pointing the Carryout MP1, you will need the elevation and azimuth angles from your receiver. Please proceed to your programming choice (DISH[®] or DIRECTV[®]) on the following **Receiver Setup** pages and return to this page at the specified step.

4) Pointing the Carryout MP1

You should now have your elevation and azimuth based on the zip code of your current location. The first angle to set is the elevation.

Elevation

Loosen the elevation adjustment knobs and raise the reflector to the specified elevation angle. Use the **arrow** to the left of the knob to know where the elevation is set. Re-tighten the knobs to lock in the elevation.

Azimuth

It is best to **remove the compass** from the base and hold it behind and away from the dish to get the azimuth angle.

Align the compass so that the RED arrow points towards the "N" (north) on the compass. Find your specified azimuth angle using the numbers on the outside of the compass. This will give you a general starting place.

Slowly rotate the dish by moving it 3 degrees at a time and then pausing, while monitoring the signal meter on the screen. It is usually best to scan a wider area until you determine exactly where the satellite is.

If you do not come across a satellite on your first attempt, you may need to change the elevation angle up/down a couple degrees. Continue to make SLOW scans of the sky until you have located the satellite.

Once you find the satellite, make slight adjustments to both elevation and azimuth to **get the signal as strong as possible.**

Once the satellite is located, insert and tighten the **azimuth lock knob** to secure the unit from rotating side-to-side.

Now return to where you left off in the **Receiver Setup** section of this guide to finish the setup (step 11 for DISH or step 10 for DIRECTV).



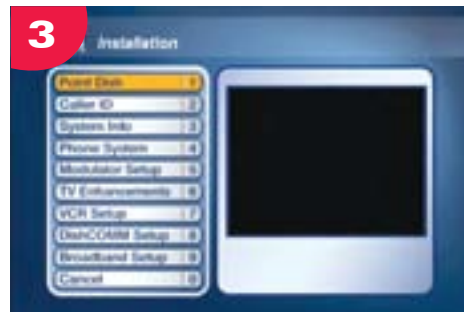
DISH Receiver Setup



DISH receivers will often not show when they are on signal if they have incorrect "Check Switch" information. For this reason, DISH users must clear their current settings before pointing. To do this for most DISH receivers, follow these steps. The following instructions are based on a Solo ViP® 211k receiver. If your receiver differs from the options shown, you may need to consult your receiver manual.

BEGIN HERE →

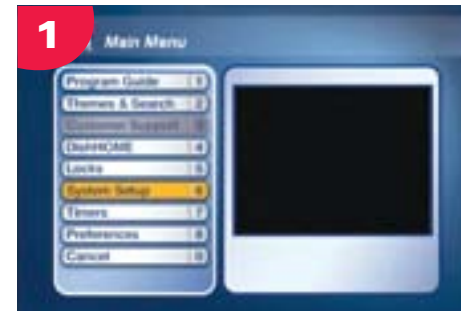
Check out online receiver setup guides for your antenna at www.winegard.com/receivers/setupguide.php. For Help, Call 1-800-788-4417.



3 Select option 1, **Point Dish**.

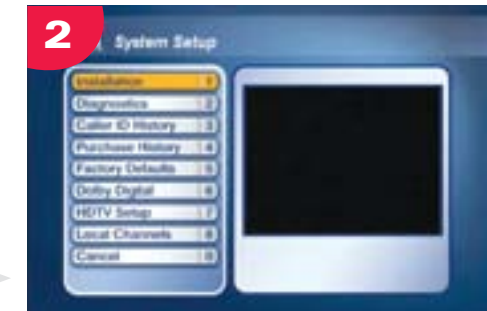


4 Select **Check Switch**. (Make sure the coax is disconnected from "sat in" on back of receiver before proceeding.)

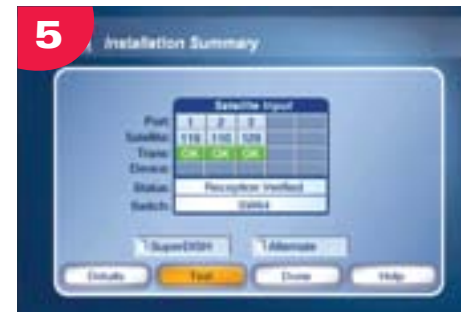


1 Before starting, disconnect coax from "Sat in" on back of receiver. Press **Menu** on your remote. Select option 6, **System Setup**.

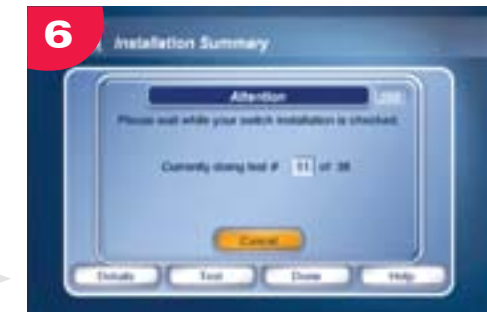
*The wording and look used in your receiver may differ slightly.



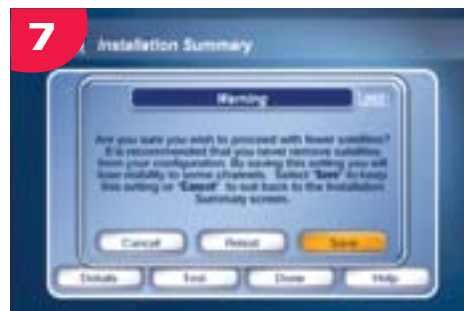
2 Select option 1, **Installation**.



5 Check that there are no checkmarks by SuperDISH or Alternate. Select **Test**.



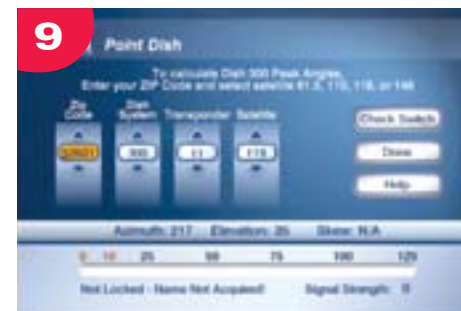
6 The receiver will go through a number of steps and then return to the screen shown here.



7 If it warns that fewer satellites were detected, select **Save**. Then select **Save** again.



8 This should clear out any previously installed devices. Select **Done** to return to Point Dish Menu. Re-connect coax to "sat in" on back of receiver.



9 Input **zip code of current location** and dish type. On the display, Dish System should always be **Dish 300**. Note that whenever you move the satellite antenna to a new location, you must enter the zip code of your new current location.

Satellite should be whatever satellite you want to point at. **Satellite 119** is the primary satellite, and the majority of programming is located here. If you cannot find your desired standard programming on Satellite 119, try **Satellite 110**. For HD programming, choose Satellite **129** (for HD receivers only).

With all information entered, an Azimuth Angle and Elevation Angle will be displayed under the Zip Code. Use these pointing angles to point the dish. If you have selected Satellite 129 as your desired satellite, an azimuth and elevation angle may not be displayed. In this case, refer to the [Satellite Location 129°W Angles Table](#) included with this unit.

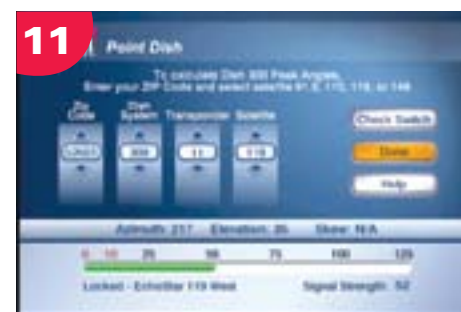
If using a 311 or previous model receiver, select Peak Angles to enter your satellite and zip code.



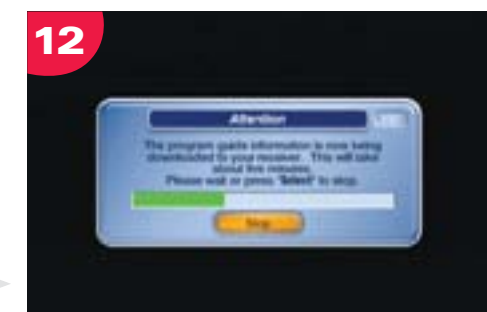
10 Make sure the satellite is the desired satellite you want to point at. If using Satellite 119 or 110, use **Transponder 11**. If using Satellite 129, use **Transponder 19**.

Now go back to the [Pointing the MP1](#) section. You'll want to have someone watch or listen to the signal meter at the bottom of the screen while pointing.

..... **TIP**
For help pointing the MP1, download the **Dish for My Rv Satellite Finder** app on your iPhone at <http://itunes.apple.com/us/app/dish-for-my-rv-satellite-finder/id409665461?mt=8>.



11 **Once accurately pointed**, the signal meter will turn green and show Signal Strength. You will want to make very small adjustments to **get the signal as high as possible**. If the bar is **RED**, you may be pointed at the wrong satellite. Check that the satellite shown is the desired satellite. If the bar is still red, you may need to adjust the dish. Now press **Cancel** to exit the Point Dish Menu.



12 Continue to Cancel out of the Menus. Once out of the menu, the receiver will start counting. A program guide may download, which you can stop at anytime.

You are now ready to watch TV!

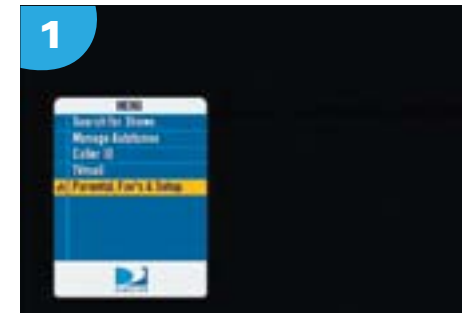
DIRECTV Receiver Setup



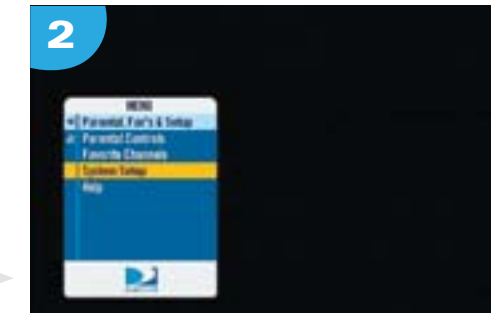
In most receivers the setup is done through the "Repeat Satellite Setup" option in your receiver menu. The following instructions are based on a D12 receiver. If your receiver differs from the options shown below, you may need to consult your receiver manual. To access the "Repeat Satellite Setup" option, go through these steps.

BEGIN HERE →

Check out online receiver setup guides for your antenna at www.winegard.com/receivers/setupguide.php. For Help, Call 1-800-788-4417.



Press **Menu** on your remote, and then select **Parental, Fav's & Setup**.



Select **System Setup**.

*The wording and look used in your receiver may differ slightly.



In your receiver Menu, you will need to identify the Satellite Menu. The Satellite Menu will have an option for **Satellite Setup**.



It may require you to press the **DASH (-)** before proceeding (underneath #7 on your remote).



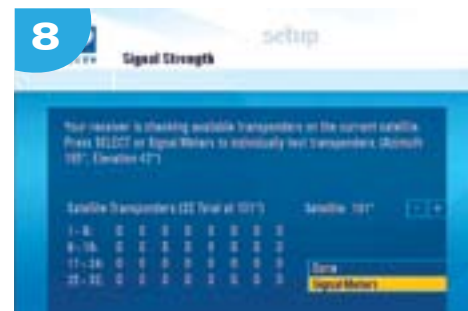
If Switch Type displays "SWM" or if given the option of selecting a Switch Type, select **Multiswitch**. Set the DISH TYPE for **ROUND, 18", Single LNB, or 1 SATELLITE**, depending on the wording used in your receiver. Press **Continue**.



Then, select the **Dish Pointing** option. Enter the **Zip Code** for your current location.



In the box it now gives you an **AZIM** (Azimuth Angle) and **ELEV** (Elevation Angle). These are the pointing angles you will need when you go to point the dish.



Select **Signal Meters**.



You'll want to make sure you are looking at **Satellite 101** and **Transponder 1**.



Once accurately pointed, the signal meter will show a signal strength. You'll want to make small adjustments to **get the signal as high as possible**. Once the signal is peaked, select **Done**.



This screen will show your signal strength on all Transponders. Select **Done** to continue.



Select **Continue** to verify your setup.



In the last step, your setup will be verified.



Once your setup is verified, you may need to download a program guide.

You are now ready to watch TV!

Additional Information

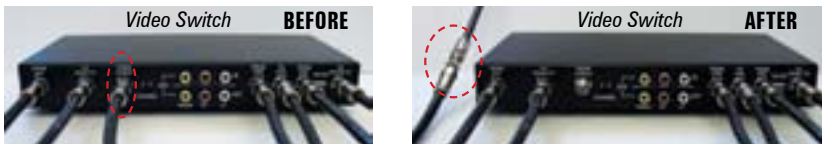
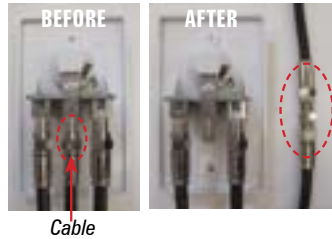
Using Outside Receptacle

TIP: If you are having problems, connect the Carryout coaxial cable directly to the receiver by running it through your RV door first to ensure it is running properly.

If your outside TV receptacle is wired for **satellite**, locate where the outside receptacle leads to in your RV, and connect your satellite receiver directly to this corresponding inside receptacle.

If the outside TV receptacle is wired for **cable**, the wiring will have to be modified for use with satellite. The coaxial cable cannot run through any other devices or switches **BEFORE** the satellite receiver.

Typically, if wired for cable, the wiring will either run through a Winegard power supply or video switch. The easiest way to fix this is to disconnect the cable from that device, use a barrel connector, and connect a new cable that runs directly to the receiver, bypassing the power supply or video switch.



Accessories (sold separately)

TR-1518 Tripod mount is compatible with both Carryout portable antennas. Adjustable height and leveling settings of 14.5"–22". Quickly disassembles for compact storage.

SF1000 Satellite finder meter has an audio tone to help you align the satellite antenna signal without using receiver menu.

SC2000 Compact satellite alignment compass. Use local zip code to obtain azimuth setting from satellite receiver and aim your dish in the direction indicated by the compass.

www.winegard.com

For Technical Services, Call 1-800-788-4417.

For Receivers, Call 1-866-609-9374.

For up-to-date information on receiver compatibility and programming, visit www.winegard.com/receivers.

WINEGARD MOBILE PRODUCTS LIMITED WARRANTY (2 YEARS PARTS; 1 YEAR LABOR)

Winegard Company warrants this product against defects in materials or workmanship for a period of two (2) years from the date of original purchase. During year one (1) of such warranty, Winegard Company will also pay authorized labor costs to an authorized Winegard dealer to repair or replace defective products. No warranty claim will be honored unless at the time the claim is made, Customer presents proof of purchase to an authorized Winegard dealer (to locate the nearest authorized Winegard dealer, contact Winegard Company, 3000 Kirkwood Street, Burlington, Iowa 52601, Telephone 800-288-8094 or visit www.winegard.com). Customer must provide proof of purchase with a dated sales receipt for the Winegard product to verify the product is under warranty. If the date of purchase cannot be verified, the warranty period shall be considered to begin thirty (30) days after the date of manufacture.

If a defect in material or workmanship is discovered, Customer may take the product to an authorized Winegard dealer for service. Customer must provide proof of purchase to verify the product is under warranty. If the product is brought to an authorized Winegard dealer for service prior to expiration of year one (1) of the warranty period and a defect in material or workmanship is verified by Winegard Technical Services, Winegard Company will cover the Winegard dealer's labor charges for warranty service. The Winegard dealer must contact Winegard Technical Services in advance for pre-approval of the service. Approval of the service is at the sole discretion of Winegard Company.

Alternatively, Customer may ship the product prepaid to Winegard Technical Services (located at 3111 Kirkwood Street, Burlington, Iowa 52601, Telephone 800-788-4417). Customer must return the product along with a brief description of the problem and provide Winegard Technical Services with Customer's name, address, and phone number. Customer must also provide proof of purchase to verify the product is under warranty. If the product is returned before the expiration of the warranty period, Winegard Company will (at its option) either repair or replace the product.

This Limited Warranty does not apply if the product has been damaged, deteriorates, malfunctions or fails from: improper installation, misuse, abuse, neglect, accident, tampering, modification of the product as originally manufactured by Winegard in any manner whatsoever, removing or defacing any serial number, usage not in accordance with product instructions or acts of nature such as damage caused by wind, lightning, ice or corrosive environments such as salt spray and acid rain. This Limited Warranty also does not apply if the product becomes unable to perform its' intended function in any way as a result of the television signal provider making any changes in technology or service.

RETURN AUTHORIZATION POLICY

A Return Material Authorization (RMA) is required prior to returning any product to Winegard Company or Winegard Warranty Services under this warranty policy. Please call our Technical Services Department at 800-788-4417 or send an e-mail to warranty@winegard.com to obtain the RMA number. Please furnish the date of purchase when requesting an RMA number. Enclose the product in a prepaid package and write the RMA number in large, clear letters on the outside of the package. To avoid confusion or misunderstanding, a shipment(s) without an RMA number(s) or an unauthorized return(s) will be refused and returned to Customer freight collect.

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ALL OTHER WARRANTIES WHETHER EXPRESS, IMPLIED OR STATUTORY INCLUDING WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE LIMITED TO THE TWO YEAR PERIOD OF THIS WARRANTY.

In states that do not allow limitations on implied warranties, or the exclusion of limitation of incidental or consequential damages, the above limitations or exclusions do not apply.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion of limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives Customer specific legal rights. Customer may also have other rights that may vary from state to state.

SATELLITE RECEIVER WARRANTY

See manufacturer's limited warranty policy.

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