WINEGARD®

Pathway® X1 for DISH

Instruction Manual

www.winegard.com/pathway

For receivers and programming, call 1-866-609-9374

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

For help, email help@winegard.com or call 1-800-788-4417

DO NOT RETURN ANTENNA TO PLACE OF PURCHASE



2452314
Rev4 5-14

Quick Setup for One Receiver

1. Make sure the Pathway® X1 antenna is in a location with a clear view of the southern sky.
2. Connect the primary receiver to the "MAIN" port on the base.
3. After connecting the receiver to a power source, complete receiver setup. Select the state that you are currently in. Then, press "Scan" to start scanning for satellites.
4. Watch TV!

Specifications

Compatible with DISH programming

Compatible with DISH Solo HD receivers

Supports up to two receivers

For stationary use only

Includes 25 ft coaxial cable

Unit weight: 10 lbs

Unit height (without feet): 13.5 in

Unit height (with feet): 14.2 in

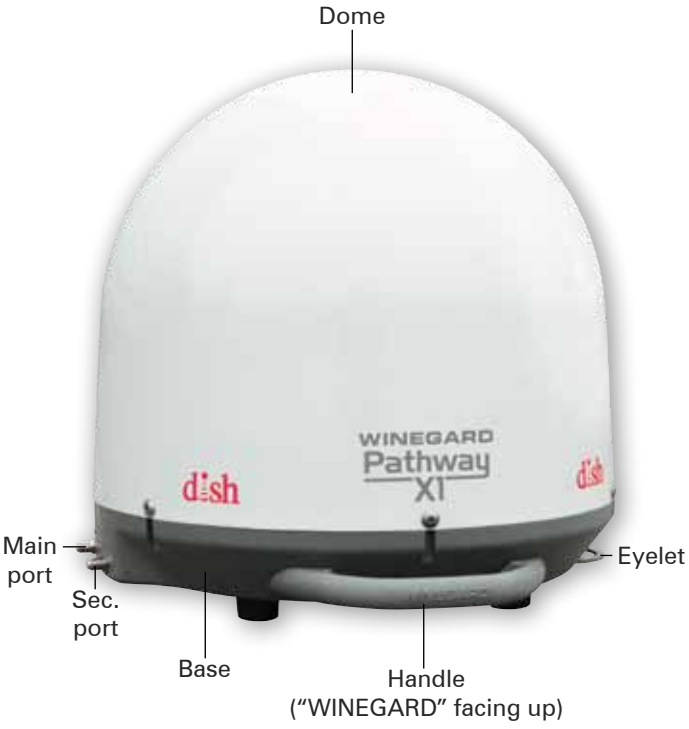
Diameter: 14.3 in

Elevation range: 18–65°

UV-protected plastic dome

Gray plastic base

Made in USA



Compatible Receivers

The Pathway X1 antenna must be used with DISH Solo HD receivers. Examples of DISH Solo HD receivers include DISH 211z, 211k, 211, and 411 receivers.

Compatible Satellites

The Pathway X1 antenna can receive programming from DISH western arc, which includes satellites 110°, 119°, and 129°.

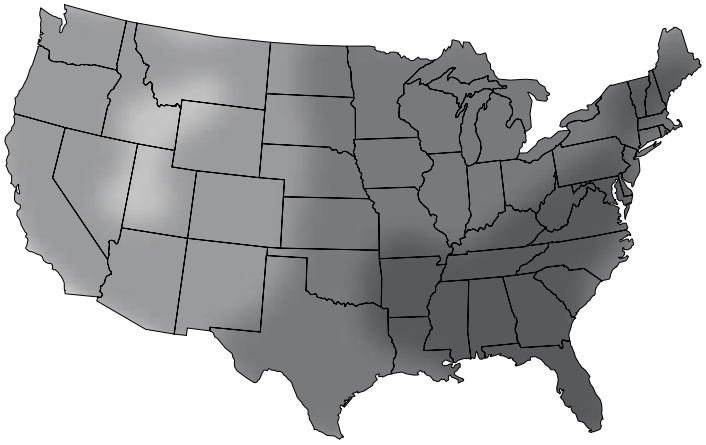
See maps* below to determine coverage in various areas of the United States. Coverage maps are approximate and do not guarantee coverage.

Good — Signal Strength — Best

DISH Satellite 110°



DISH Satellite 119°



DISH Satellite 129°



*Source: www.satbeams.com. Coverage maps are approximate and do not guarantee coverage.

Warnings

- Do not place the unit in water greater than one inch deep, or water may damage the electronics.
- Do not install or operate the antenna in winds of 35 mph or greater. The antenna will roll in winds ≥35 mph.
- Care should be taken when transporting and setting up the antenna. Do not toss or drop the antenna.
- Do not paint the antenna. Painting the antenna may cause signal degradation and will void your warranty.
- The antenna is not meant for use with the Carryout® ladder mount. Installing the antenna on the Carryout ladder mount may lead to serious injury and/or equipment and property damage.

1. Installing the Handle

1. Locate the two holes in the base.
2. With "WINEGARD" on the handle facing upwards, align the two holes in the handle with the two holes in the base.
3. Thread two screws through the two aligned holes in the bottom of the handle.

NOTE The two holes for the handle are located between the cable connections and eyelet.



4. Tighten the two screws using a Phillips screwdriver. Do not overtighten.

2. Selecting a Location for the Pathway X1 Antenna

1. Choose a location with a clear, unobstructed view of the southern sky. Avoid obstructions such as trees, hills, vehicles, or buildings—these can block the signal from the satellite.

NOTE Satellite signal will not pass through solid objects. For this reason, it is vital to select a location with a clear, unobstructed view of the southern sky.

2. Make sure the antenna is not placed in the path of people or vehicles; otherwise, the antenna may be knocked off of the signal if run into, or cables may be disconnected from the unit.

NOTE A 25 foot coaxial cable is included and recommended for use with the antenna. Longer coax runs could potentially cause intermittent problems. Maximum cable length should never exceed 50 feet.

3. Select a location that will enable the Pathway X1 antenna to sit within three degrees of level. The antenna may take longer to lock onto signal if the antenna is not level.

3. Connecting the Antenna to the Receiver(s)

TIP Run the coaxial cable directly from the satellite receiver to the Pathway X1 antenna when searching for signal.

1. Connect a coax cable from the main port to the "Sat In" port on the back of the receiver that will be used most often.

   The main port should always be connected to the primary receiver when the antenna is in use, or there will be no power to the electronics.



NOTE The receiver provides power to the electronics via the main port. There will be no power to the electronics if a coaxial cable is connected to the secondary port but not the main port.

2. If hooking up the Pathway X1 antenna to two receivers, remove the cap from the secondary port, and run a second coaxial cable from the secondary port on the base to the "Sat In" port on the secondary receiver.



3. Tighten coax connections until fingertight, and then tighten a quarter turn more with a wrench. Do not overtighten.

4. DISH Receiver Setup

After connecting the antenna to the receiver(s), connect the receiver to a power source, and complete receiver setup. Receiver setup for the primary receiver follows; if setting up with a secondary receiver, see “Receiver Setup for a Secondary Receiver” on page 5.

Check out online receiver setup guides for your antenna at www.winegard.com/receivers/setupguide.php.

If using a brand new receiver, follow the steps under “Receiver Setup for New Receivers.” If using a receiver that is currently active or has been previously used, follow the steps under “Receiver Setup for Currently Active or Previously Used Receivers.”

Receiver Setup for New Receivers

If using a new receiver with the Pathway X1 antenna, the receiver will go through an Installation Wizard to help with the setup process.

1. Follow the on-screen instructions to program the remote control.
2. During step 2 of the Installation Wizard, the unit will need to acquire satellites and update the receiver (see fig. 1).



Figure 1

This step will require a search initiated by the Mobile Setup screen. Fill in the required information, and then select “Scan” to begin the search routine (see fig. 2).

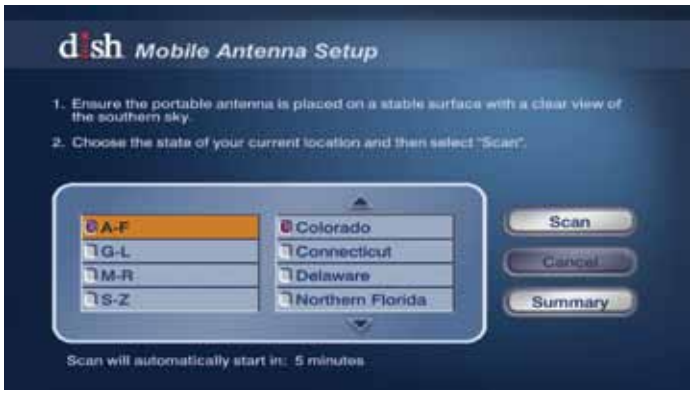


Figure 2

3. During the search routine, the antenna will scan for satellites. The antenna may make a slight grinding sound when searching for satellites; this is normal and does not harm the unit. Once the search routine is complete, the receiver will update.
4. The receiver may reboot automatically as part of the update process. If so, select the state of your current location on the Mobile Antenna Setup screen as in figure 2. Press “Scan” to begin the search routine.
5. The satellite will search for and acquire satellites.
6. If not already activated, the receiver will need to be activated (see fig. 3). To activate the receiver, call Winegard Company at 1-866-609-9374.



Figure 3

7. After the receiver has been activated, the receiver will begin acquiring signal (see fig. 4) and downloading the Electronic Programming Guide (see fig. 5). Once the download is complete, you can start watching TV.



Figure 4



Figure 5

Receiver setup instructions are accurate at time of printing and may change without notice.

Receiver Setup for Currently Active or Previously Used Receivers

If the receiver you will be using with the Pathway X1 antenna is an older receiver that has not been used in several years, you may need to connect the receiver to a home satellite dish to be updated before proceeding with the mobile setup.

1. After the receiver has been powered on, the receiver will enter the Mobile Setup menu.
2. Select the state of your current location, and then select "Scan" to begin the search routine (see fig. 6).

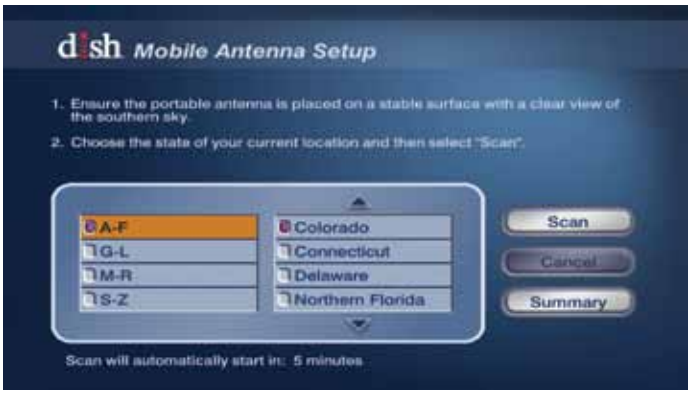


Figure 6

3. The satellite will begin searching and will locate the desired satellites (see fig. 7).

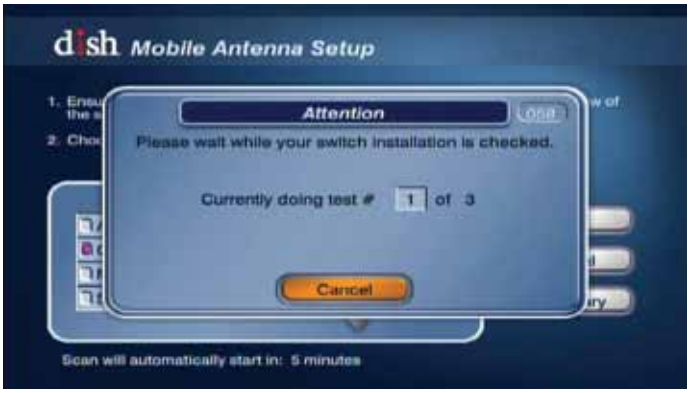


Figure 7

4. After the satellites have been acquired, the Electronic Programming Guide will download (see fig. 8).



Figure 8

Updating Receiver Software

For optimal performance, update receiver software occasionally. To allow the software to update, leave the satellite on signal, and press the Power button on the remote or front panel of the receiver; this will put the receiver in Standby mode (see fig. 9). Do not unplug the receiver at this time.

TIP If the receiver is in Standby mode for more than five minutes, no software update is necessary. Turn the receiver back on to resume normal operation.



Figure 9

After being in Standby mode for a few minutes, the software will automatically begin to update (see fig. 10). Upon completion of the update, the receiver will reboot. Return to step 1 of "Receiver Setup for Currently Active or Previously Used Receivers" to re-acquire satellites and complete setup.



Figure 10

Operation of Secondary Receiver

When using a secondary receiver with the Pathway X1 antenna, the secondary receiver does not have the full function of the primary receiver. The primary receiver will determine which satellite is viewed, and the secondary receiver will need to be set up for that satellite.

If the primary receiver changes to a channel on a different satellite, the secondary receiver will lose reception and need to complete setup again on the new satellite. For steps on setting up the secondary receiver, see section "Receiver Setup for a Secondary Receiver" on page 5.

NOTE The secondary receiver's program guide will only download and display available channels from the installed satellite.

Receiver Setup for a Secondary Receiver

After completing setup on the main receiver, power on the secondary receiver. If using a new receiver, you will be guided through the setup by the Installation Wizard; turn the primary receiver to channel 101, and follow the on-screen steps on the secondary receiver. The primary receiver should remain on channel 101 for the duration of the initial setup. If using a receiver that is currently active or has been used previously, complete setup by doing a Check Switch test.

NOTE Every time the primary receiver toggles to a different satellite, a Check Switch test must be repeated.

1. Press "Menu" on your remote. Select option 6, "System Setup."
2. Select option 1, "Installation" (see fig. 11).



Figure 11

3. Then, select option 1, "Point Dish" (see fig. 12).



Figure 12

4. Select "Check Switch" (see fig. 13).



Figure 13

5. Select "Test" (see fig. 14). The receiver will then run through a series of tests to install the proper satellite. The Check Switch test will install the satellite that the primary receiver is receiving signal from.

TIP Do not change channels on the primary receiver when configuring the secondary receiver. Changing channels on the primary satellite when configuring the secondary receiver may interfere with the setup of the secondary receiver setup.



Figure 14

6. If a warning appears that fewer satellites have been found, select "Save"; then, select "Save" again (see fig. 15).



Figure 15

7. The test should result in a green 'OK' status for the satellite that has been installed (see fig. 16).



Figure 16

8. Then, exit out of the Point Dish menu. The receiver will begin downloading the Electronic Programming Guide.
9. Every time the primary receiver toggles to a different satellite, the steps above must be repeated.

Troubleshooting

On Screen	Possible Cause	Solution
Mobile Antenna Setup does not appear	• No communication between receiver and satellite dish	• Check wiring. Verify connection to Main port. Verify good coax.
	• Receiver software not compatible	• Ensure a compatible DISH Solo HD receiver is being used. • Connect receiver to fixed/home satellite dish for software update.
Error Code 150, "All Satellites Not Found"	• Possible obstructions blocking satellite • Satellite coverage issues in extreme Northeast or Northwest	• Attempt to move the antenna from any blockages or obstructions. • Attempt a re-scan on the receiver.
Error Code 151, "No Satellites Found"	• Possible obstructions blocking satellite • Intermittent coax connection	• Attempt to move the antenna from any blockages or obstructions. • Re-check coax connections to make sure coax did not become loose during scan. • Attempt a re-scan on the receiver.

If the above steps do not resolve the error, re-boot the receiver and start the Mobile Antenna Setup again; often, this will resolve the problem. If the problem persists, contact Winegard Technical Services at help@winegard.com or 1-800-788-4417.

Transporting

Before transporting the antenna, disconnect coax cables from the main and secondary ports.

Maintenance

The Pathway X1 antenna is designed to be maintenance free. However, it is a good idea to periodically clean the dome with a soft cloth, water, and dish soap.

Tripod Accessory

Model TR-1518 tripod mount (sold separately) is available as an accessory for the Pathway X1 antenna. The tripod mount has adjustable height and leveling settings of 14.5"–22" and quickly disassembles for compact storage.



FCC Guidelines

This device complies with Part 15 of the 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.

Using Outside Receptacle

If your outside TV receptacle is wired for satellite, you'll need to locate where that receptacle leads and connect that directly to your satellite receiver.

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.





Disclaimer: Although every effort has been made to ensure that the information in this manual is correct and complete, no company shall be held liable for any errors or omissions in this manual. Information provided in this manual was accurate at time of printing. If the antenna does not function as expected, please contact Winegard Company at help@winegard.com or 1-800-788-4417, or visit our website at www.winegard.com.

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 email 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.

WINEGARD COMPANY DOES NOT ASSUME ANY LIABILITIES FOR ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, MADE BY ANY OTHER PERSON.

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.

WS-MOBWARREV2
Rev. 1/10

Winegard Company • 3000 Kirkwood Street • Burlington, IA 52601 • 1-800-288-8094 • Fax 319-754-0787 • www.winegard.com
Printed in U.S.A. ©2013 Winegard Company Rev4 5/14 2452314

Winegard, Pathway, and Carryout are registered trademarks of Winegard Company.
DISH is a registered trademark of DISH Network L.L.C.