Owner's Manual

Eagle RV TV Antenna

Please have the following information available when contacting Tech. Support.

Controller Serial #_____

Antenna Mount Serial #_____

Date of Purchase: _____

Installer's Name: _____

The Eagle TV Automatic Antenna System provides RV customers the choice of their preferred Satellite TV provider all on the same mount. The viewing experience is HDTV and 4K UltraHD utilizing multiple TV's and DVRs simultaneously.

It is a true at home experience in the comfort of your RV!

Please take the time to read this manual in its entirety before installing or operating your new TV Satellite antenna.

Thank you for purchasing an RF Mogul Product!

Table of Contents

Safety and Warnings

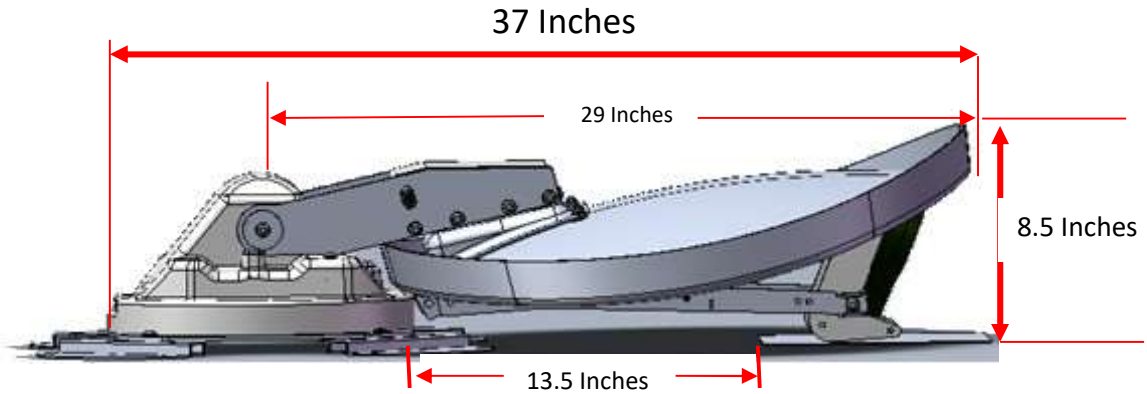
1. Do not stand in front of an antenna during operation.
2. Follow all Instructions and Warnings. Set up and operate RFM products in accordance with the instructions.
3. Tighten all coax cables by hand only. If you over tighten with a wrench, you may damage your equipment.
4. Loosely wrap all cables and power supply! Do not tightly bind or bend any coax or control cables as you may disrupt a positive connection with your satellite service.
5. Do not attempt to install this system in the rain or under any wet conditions. Moisture may affect electronics and void your warranty.
6. Do not paint this antenna. Painting the antenna will void your warranty.
7. Power must be disconnected or unplugged prior to disconnecting or connecting any cables.
8. Vehicle construction varies greatly. If you are unsure of how to safely drill through your vehicle roof obtain a professional installation.
9. Prior to installing the antenna system on a vehicle, verify there is enough operating space. The antenna rotates in a 360-degree circle projecting 26 inches from the center of the circular antenna base.
10. Pay attention to protrusions from the roof such as air conditioning units, rack structures or other antennas before installing this antenna.
11. Our interconnecting cables come standard 30 feet. Ensure that there will be no more than 20 feet between electronics and the antenna on the roof.
12. The antenna weight should be distributed over support or cross beams. A mounting surface that is not strong enough to support the weight of the antenna may cause structural damage to your vehicle.
13. If not using an RFM antenna for long periods of time, and the antenna system is kept out in the elements of the outdoors**, it is recommended that you operate the system every 6 months and at a minimum once a year, to keep all moving parts in good working order.**

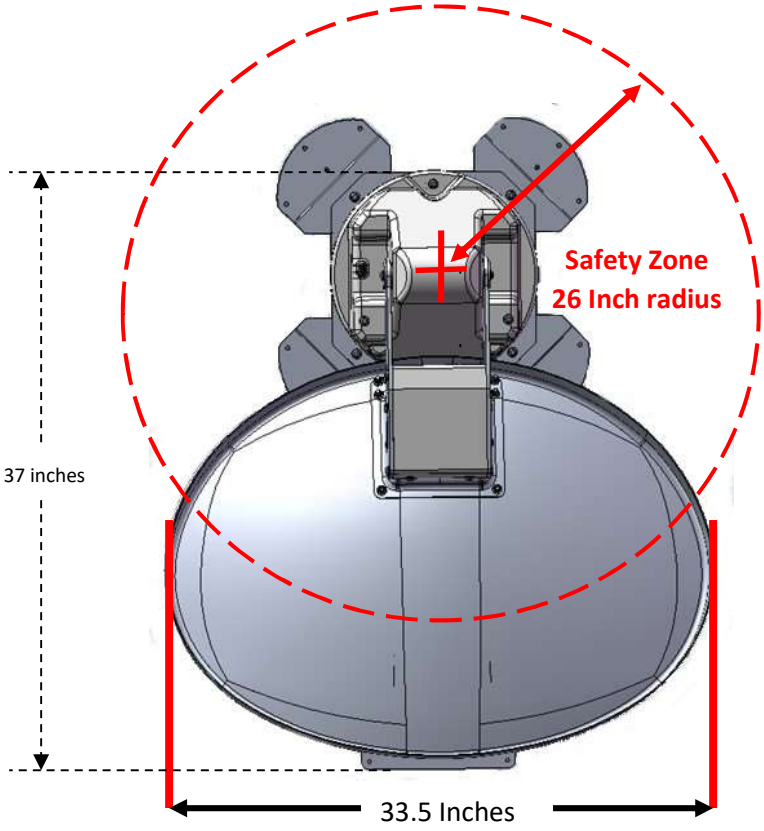
OBSTRUCTIONS DURING OPERATION

The Eagle TV Satellite requires an unobstructed view of the southern sky for the best signal reception. Buildings and trees are examples of such obstructions that may prevent strong signal strength. Also check that there are no obstructions (such as tree limbs) above the antenna that will prevent it from raising. The Eagle Antenna will reach 33.5” above the roof to which it is mounted.

Clearance Requirements

The arm of the Eagle antenna extends 26” from the center of the base. Ensure there is adequate rotational clearance for the antenna to safely operate.





Rotational clearance from center rotation point is **26 inches** when dish is elevated and rotating. **This is a safety zone. Anything higher than 6 inches within this zone is at risk.**

CONTROLLER Dimensions

10" Wide x 6” Deep x 2” High

Eagle TV Parts and Movement Definitions

Items Included with the System:

1 ea.	EAGLE Controller
1 ea.	Mount base assembly
1 ea.	Reflector
1 ea.	LNB Arm Assembly w/LNB
2 ea.	Stow Brackets
1 ea.	LNB Landing Plate
30 ft.	Control Cable
1 ea.	Clam Shell
1 ea.	Weather Cover
6 ea.	1/4x20x3/4 screws
1 ea.	Connector, green, 12 pins
1 ea.	Power Supply, 12 VDC 7 amp
1 ea.	Owner's Manual

Mount Movements

Elevation (EL)
Raises Up and Down

Azimuth (AZ)
Rotates CW and CCW

Skew (SK)
Reflector Tilt Up and Down

Stowed (travel position)

Eagle TV Assembly Instructions

Mounting the Reflector and the LNB Arm to the Base Assembly

1. Your Eagle Antenna will be shipped in 2 separate boxes. A Reflector box and a Mount box.

Reflector Box

Mount Box

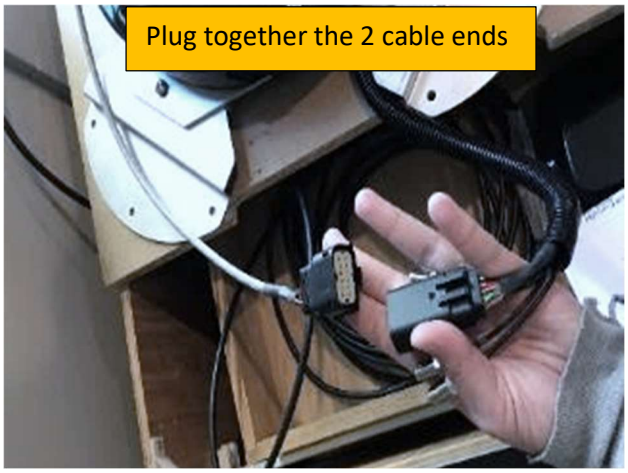
2. Locate the Control Cable and Mounting Hardware enclosed in the weather covered bag in the Mount Box and **remove the Control Cable from the bag**.

Control Cable and Mounting hardware

Control Cable

3. Splice and bare the cable end with a razor blade <u>being careful NOT to cut into the wires</u>. Cut off the excess cable cover using needle nose plyers. Using **wire strippers**, strip **½"** off the exposed colored wires as shown below.

4. **Remove** the Mount Assembly from the Mount box and position it onto a level surface. **Plug** the Control Cable into the Mount Cable as shown.



5. Using a drill battery or a 9 Volt battery for a power source, locate the RED and ORANGE wires on the Control Cable end. (Refer to instructions in *Figure 1* page 27)

a. Touch the RED and ORANGE wires to the Plus and Minus poles on your 9 Volt battery or power source.
b. Upon touching the DC power source, if the mount arms do not move upward, then reverse the wires on the contacts of the DC voltage source.

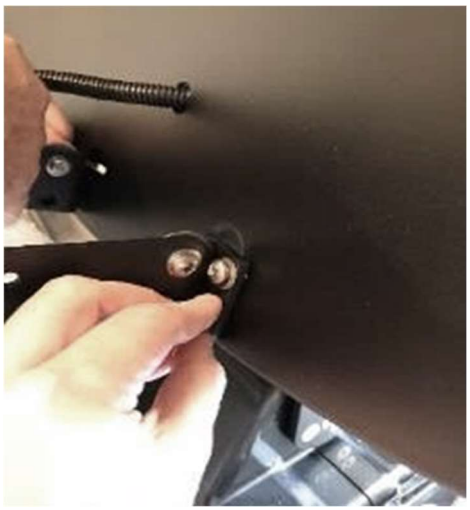
6. **Raise** the mount to about 20 degrees past vertical (this will make attachment of the Reflector easier).

Fill all coax connectors with dielectric grease to prevent corrosion!

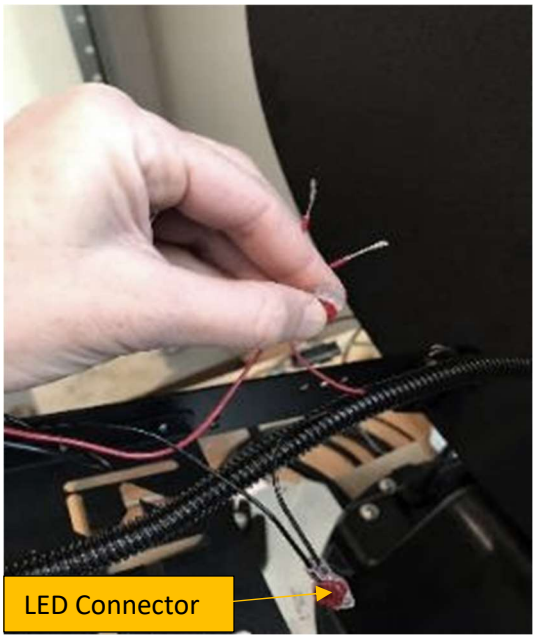
7. **Feed** the Coax Cables harness (split loom) through the pre-drilled hole in the reflector from the back side.

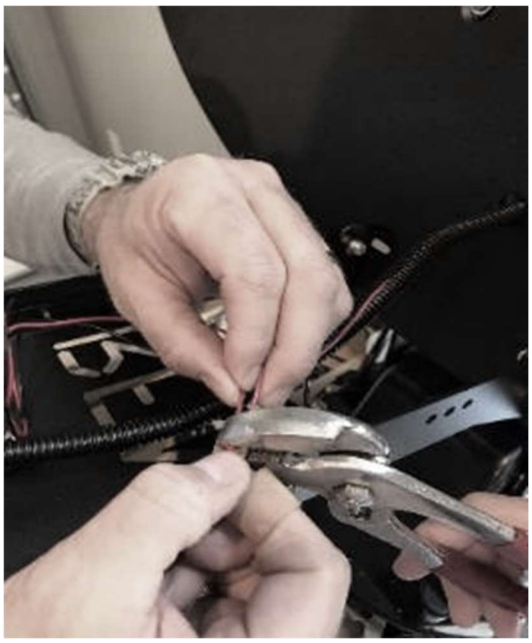
8. **Attach** the Reflector loosely to the Brackets on the Mount in the top 2 holes using 2 of the ¼”-20 x ¾” Philips SS screws that are provided. Align the remaining 4 holes then tighten the top 2.

9. **Attach** the LNB Arm (choose your direction on Page 13 based on your provider) loosely to the Reflector using **4** of the ¼”- 20 x 3/4” screws provided. The LNB Arm should be able to be pivoted upwards into the Reflector after it is attached. Tighten all 6 screws using a #3 Philips screwdriver.

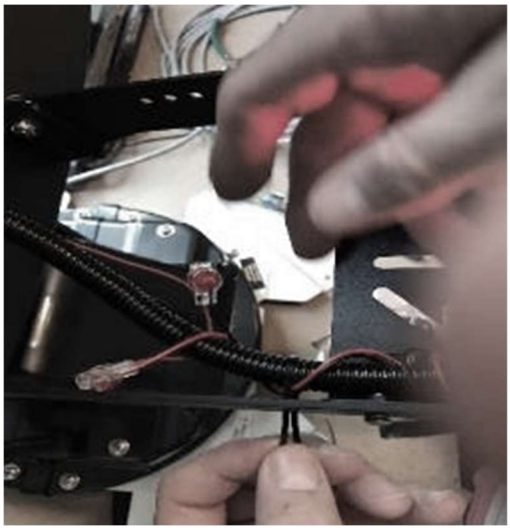


10. To install the LED Lights onto the reflector, **Splice** the Black and Red wires using the Scotch-Lok connectors (red button). It is not necessary to strip the wires. Place the ends of the wires (red to red, black to black) deeply into the connector and pinch with pliers. This will connect the LED’s that will reflect onto the dish at night. (If you choose not to connect the LED lights, remove, or securely isolate as they have constant 12VDC.) Tuck the Scotch-Lok connectors through the hole in the dish.





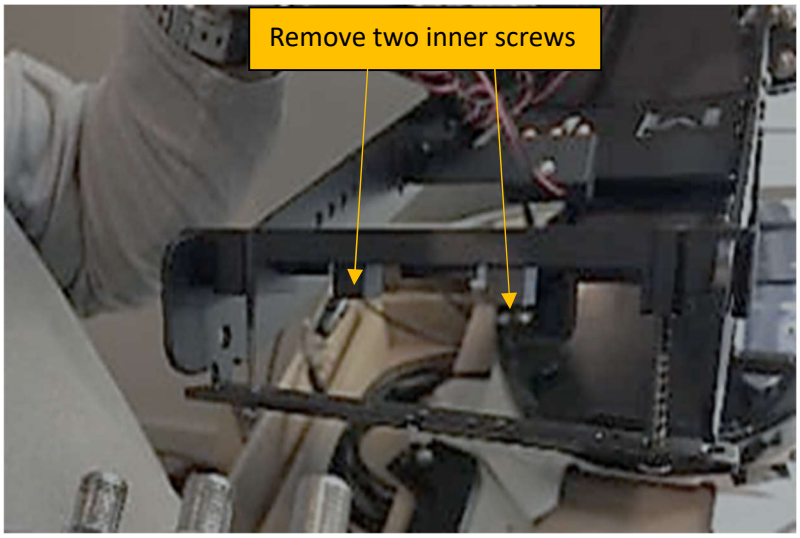
11. **Route** the Cable Loom down either side of the LNB Arm and secure with Cable Ties (provided).



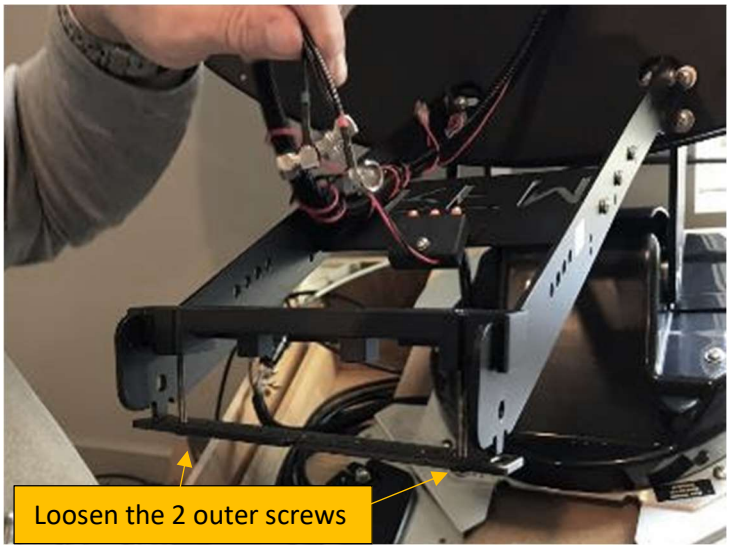
*12***. Tuck** any excess Cable Loom back through the Reflector. Leave enough out to prevent binding.

13. **Lift** on the LNB Arm making sure there is no stress on the Cable Loom as the arm is lifted into the center of the dish.

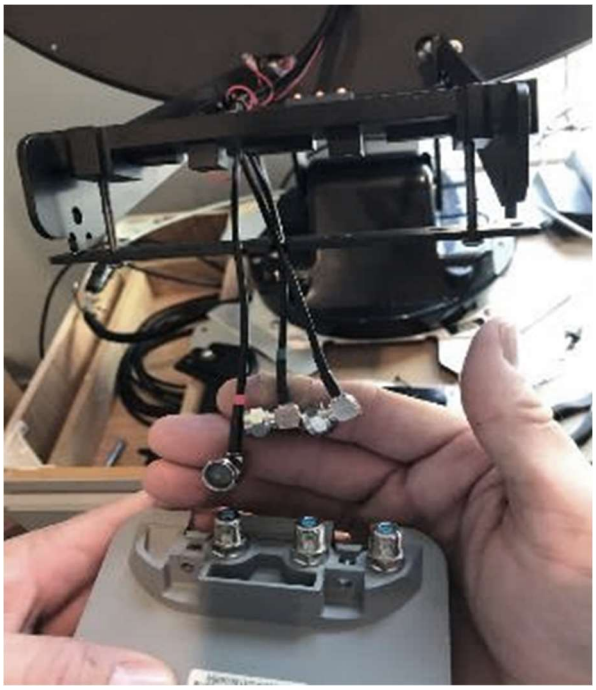
*14***. Remove** and save the two (2) *inner* screws on the LNB Bracket located at the end of the LNB Arm. (Applies to DirecTV may differ w/ Dish Slimline Eastern & Western Arc LNB) These screws are used to attach the LNB.

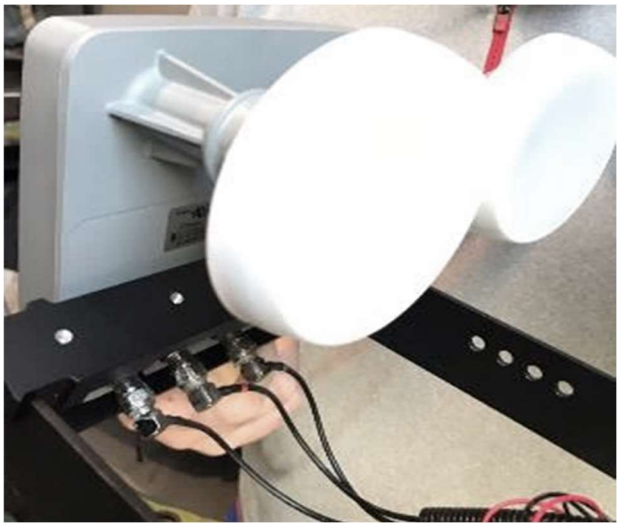


15. **Loosen** the two (2) *outer* screws of the LNB Bracket. Do not remove, just loosen to accommodate the insertion of the LNB between the brackets.

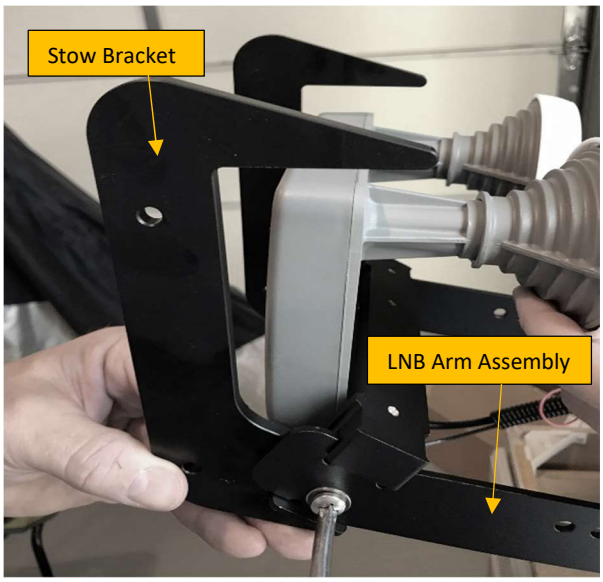


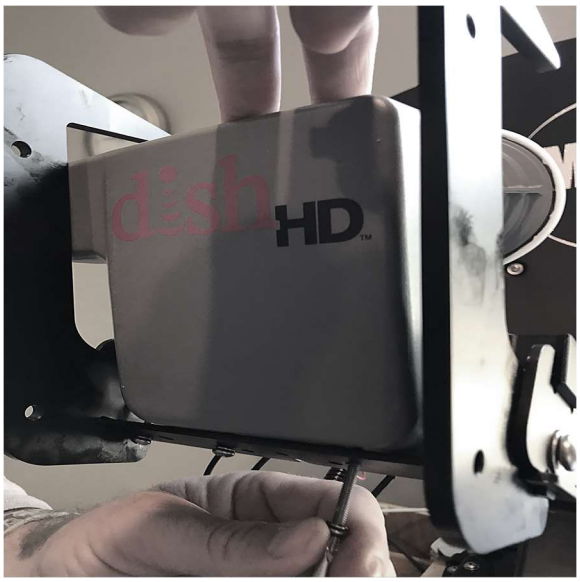
16. **Route** the LNB cable "through" the LNB brackets and attach to the LNB securely, but do not use excessive force to tighten these connectors or damage to the coax cable may occur. **Slide** the LNB into the LNB Brackets and insert the two (2) screws back into the LNB.





17. **Attach** the two (2) LNB Arm Stow Brackets on the inside of the LNB arm assembly (see diagram below to determine **direction** arm brackets and LNB should be placed) using the screws provided and then **secure** both the *two inner* and *outer screws* that hold the LNB into place.





Direction of the Stow Brackets into LNB Arm Assembly

When the dish is **STOWED**, it will apply pressure to these brackets to prevent it from vibrating while traveling. Slide the Stow Bracket **in the direction of the arrow** into the LNB Arm Assembly.

It is important that the brackets are properly orientated during assembly.

Eagle TV Installation

Roof Mounting and Sealing

Materials Provided

1. *RF Mogul Antenna*
2. *Antenna control unit with power supply*
3. *Pre-terminated control cable for ACU-1*
4. *Clam Shell Cover*
5. *Weather Cover Junction Box*
6. *LNB Landing Plate*
7. *¾" Mounting screws*
8. *10 Black Wire ties*
9. *10 Black wire cable clips and screws*

Materials Not Provided

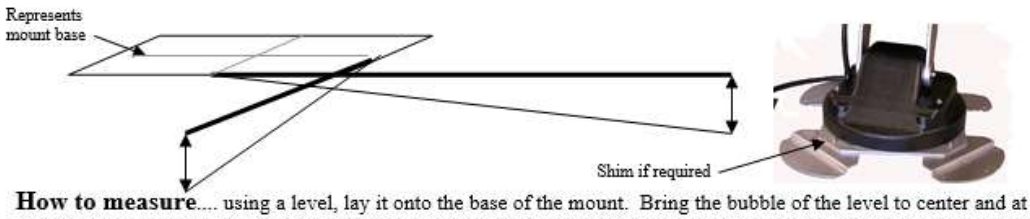
1. *9 V DC Battery*
2. *7/16" wrench*
3. *¼ inch nut driver*
4. *Small diameter drill bit long enough to go through the roof of your coach*
5. *Small standard (jewelers) screwdriver*
6. *1" hole saw*
7. *1 power strip or uninterruptible power supply suitable for your application*
8. *Appropriate bit for the mounting screws*
9. *1-2 tubes of DICOR self-leveling sealer (available at most RV dealerships) or DICOR Butyl Tape*
10. *1 tube of dielectric compound (Boss Products Accumetric, LLC www.bossproducts.com)*
11. *1 tube clear silicone #315 (Boss Products www.bossproducts.com)*
12. *RG6 outdoor rated coax cable*
13. *Outdoor rated compression coax connectors*
14. *Split loom cable wrap*

Mount Installation Warning

Your Eagle mount utilizes a GPS system for acquisition. Calculations for skew and elevation are based on a level surface (+or- 3 Degrees, Right, Left, Forward and Back). Failure to level the mount to these specifications during installation can equate to poor performance. To determine if your mount complies to these criteria, you can use the following formula. Tools required...

1. A level
2. A tape measure

Formula = + or - 3 degrees is approximately 5/8" for every 12" from center of mount.



How to measure.... using a level, lay it onto the base of the mount. Bring the bubble of the level to center and at 12" from the center of the mount measure the distance from the bottom of the level to the roof top. If the distance 12" out from center of the mount is *less than 5/8"* or less than *1 1/4" at 24" out*, then you are within tolerance.

How to adjust the mount.... if leveling of the mount is required, use flat washers to "shim" the low side of the mount to bring it into tolerance. It does not have to be exact, just shim to bring the mount into specs. It may be necessary to lengthen the screws to accommodate a larger adjustment.

1) Identify the install location and verify the area is clean and clear of debris.

Caution: Mounting surface must be clean for the antenna to properly seal to the roof. This will help prevent water penetration and allow the antenna to sit level.

Caution: The Eagle antenna must be oriented toward the front of the vehicle. The antenna reflector must face the rear of vehicle it is being installed on (see photo after step 12) to prevent damage to the antenna system due to wind forces while the vehicle is in motion.

2) Identify a cabinet location in the vehicle where the electronics (Controller) will be housed and where the pass thru hole to the roof will be cut.
3) Verify at least 2 of the mounting feet are over and able to secure to the support beams on the vehicle.

Caution: A mounting surface that is not strong enough to support the weight of the antenna may cause structural damage to your vehicle.

4) Inspect the interior structure for existing wires or tubing where the screws will penetrate the roof of the vehicle.

Caution: Screws that penetrate any existing wires or tubing in the vehicle may cause damage to existing equipment or be a hazard to personnel.

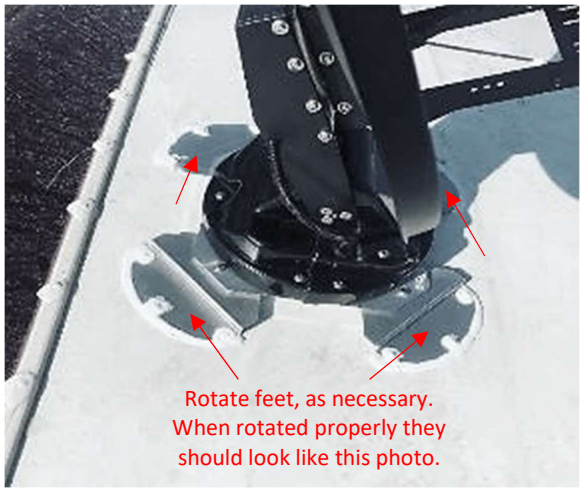
5) Carefully lift the Antenna on to the roof of the vehicle and to the area of install.

Caution: 2 MAN LIFT IS RECOMMENDED TO PREVENT INJURY.

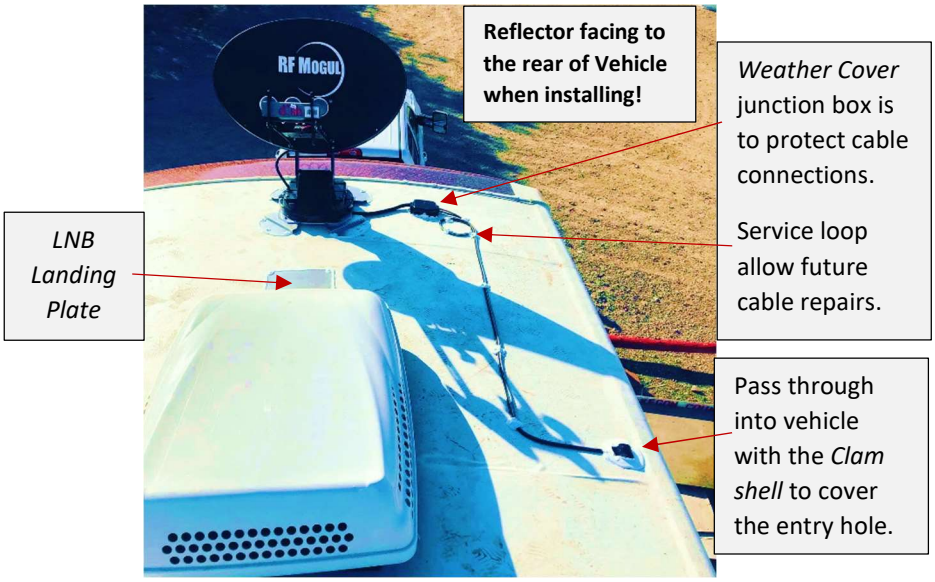
6) Elevate the antenna using a 9 Volt DC battery or a power source to make the system maneuverable for installation and so that you can have access to the drill holes on the feet.
    a. Touch the RED and ORANGE wires to the Plus and Minus poles on your 9 Volt battery or Power source.
    b. Upon touching the DC power source, if the mount arms do not move upward, then **reverse the wires** on the contacts of the DC voltage source.
7) Trace the holes where you will insert the screws on the roof to help as a guide.

Caution: As a bare minimum you must put a screw in all pre-drilled holes on the mount feet. In the event the pre-drilled holes do not align with your support structure, it is highly recommended that you drill extra holes as needed prior to using Dicor sealer.

8) Put Dicor sealer over the locations of the predrilled holes and on the mounting feet.
9) Lift the antenna over the location where the antenna screws will penetrate the mounting surface (including any extra drilled screw locations) and lower the antenna mount feet onto the mounting surface. (Rotate feet as necessary from shipped position-see photo below) and secure the mount feet to the roof using the mounting screws you selected.
10) Liberally coat the screw heads and around the mount feet with Dicor to prevent water penetration. As shown below.



11) Install the LNB Landing plate where the LNB Arms and LNB will stow on the roof. Approximately 10-12 inches in front of the antenna base. (See photo after step 12 as a reference) Dicor an X in the center and around the edge of the plate and place firmly down on the roof.
12) Using a small diameter drill bit make a small pilot hole in the roof where the cabling will pass through into the control cabinet in the vehicle.



13) Drill the larger 1-inch hole using the 1-inch drill bit or hole saw.

Caution: Proceed slowly, 1 layer at a time, verifying after each layer is removed that no cables or other critical components will be damaged by the hole.

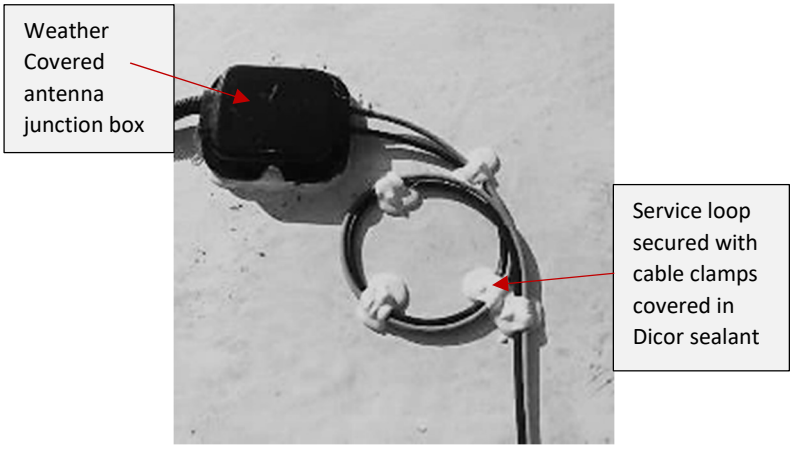
14) Remove the green Molex connector (use the small jewelers screwdriver to remove the small screws) from the **Control Cable** if you have already installed it to the end of your control cable to pass the cable through the hole. If you haven't connected it but have spliced it and striped the wires, you may cut the end off to have a clean edge then pass the control cable through the hole, resplice and strip the ends again (wires for the control cable should be stripped back 1/2" from the end and bent back to make a 'V' with the cable and then insert into the green Molex connecter) then connect it to the controller and place it in a cabinet. You will also pass the coax cable(s) 1-3 (depending on your service provider) through the roof entry hole into the vehicle. Do not pull the cables taut! Leave 2-3 foot of cable on the roof for the next steps.

(Attach the Green 12 Pin Connector in accordance with instructions on the bottom of the Eagle Controller or figure 2 on pg. 27) If the wires are placed too far into the connector, it will clamp down on the outer plastic shielding, and will not make good connection to the wire. Failure to do this correctly will cause your satellite system to malfunction or cause erratic behavior.

15) Mount the **Weather Covered antenna junction box** near where the cables connect (within the 'clearance zone' near the mount feet) using screws. Use photo at the top of this page as a reference.

16) Liberally apply Dielectric compound grease to coax cable ends. Connect the controller cable and coax cables and store the connectors inside the weather cover junction box.

17) Make a 1-2 foot 'Service loop' with the cable wires and secure the looped wires on the roof with wire clips or cable clamps.



18) Secure the wires with cable clamps every 12-16 inches from the antenna junction box working towards the cable entry hole into the vehicle to eliminate cable movement.
19) Coat all cable clamps and screws with Dicor to prevent water leakage.
20) Put ***silicone*** in the cable hole (**NOT** Dicor as it is self-leveling and will seep into the hole) to fill the void and help prevent water penetration. Once the silicone has set use the Dicor around the silicone to water seal the cable penetration area.
21) Pull any excess cables through the pass-through entry hole and then screw the Clam Shell cover over the hole. This will prevent water entry. Cover the outer seam of the cover and all screws with Dicor.

Caution: It is advisable to place the open end of the Clam Shell towards the rear end of the vehicle to prevent pressure on the opening while driving.

Cut your Control and Coax cables to length inside the vehicle. Insert the cables into split loom cable wrap. Leave enough length of both cables to be able to remove the Eagle II Controller from the cabinet with ease should the occasion arise. Loosely wrap excess cable into a coil and secure to the back of the cabinet. **Over tightening cable wrap may cause damage and result in a poor satellite connection!**
DO NOT stack electronics equipment as it will cause excessive heat buildup and potentially cause damage to your equipment.

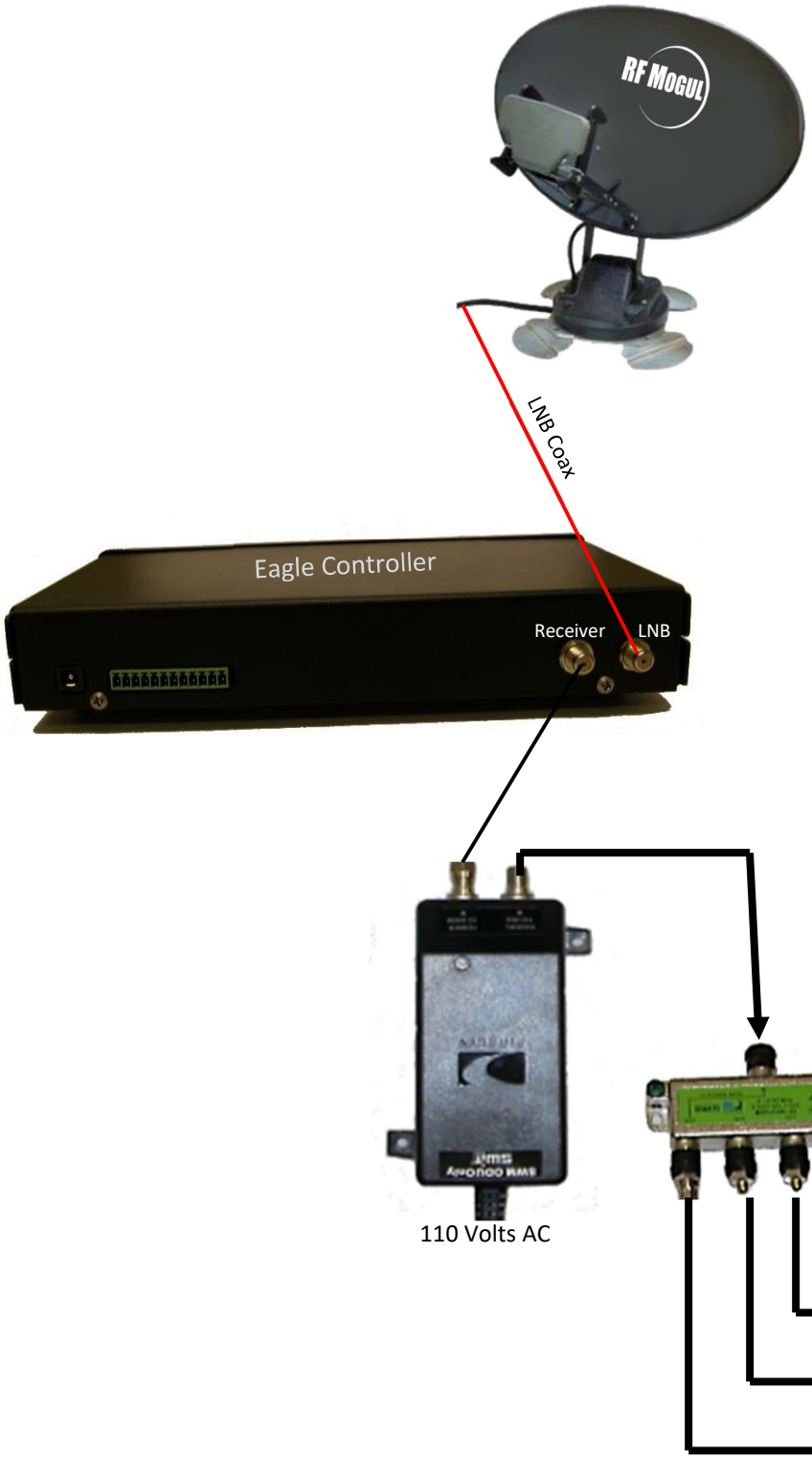
22) **Securely fasten** the electronics into your selected storage location to prevent damage during travel.

Attach all cables in accordance with the general diagramed instructions. (Pages 19-22) Double check *all* electrical and coax connections from the controller to the mount and LNB's BEFORE applying power to or connecting the satellite receiver to the controller. See the following diagrams below to get a better idea on the cable connections based on the service provider selected.

23) **Perform a "Test Dish" (Option 9 in the Controller Menu) to marry your Eagle Controller to the new Mount. This is an important function, do not ignore.**

DirecTV SWM Connection Diagram

Note: This installation does not represent the Genie 3 that has a built in Power Inserter.



Note:

The SWM LNB has 8 channels available. Each DVR takes 2 channels (one coax).

A non-DVR uses one channel (one coax). You may use any combination of receivers until you use up all 8 channels. Example: A HR34 uses 5 channels leaving 3 channels available.

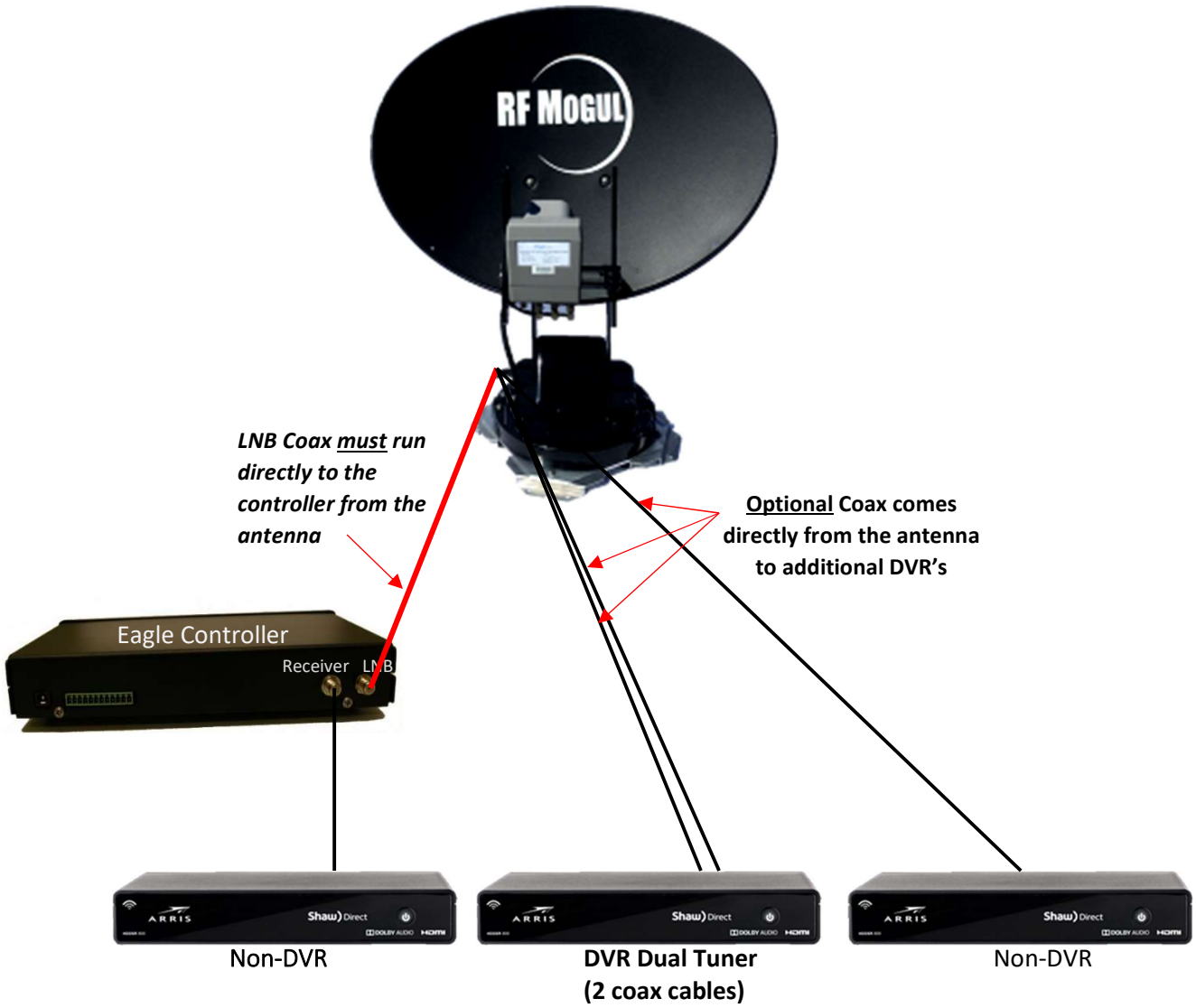
21 Volt Power Inserter used.
Do not use a 29-volt Power Inserter with an RF Mogul System.

A 2, 4 and 8 Port splitters are available,

A 4 Port splitter is shown.

SHAW Connection Diagram

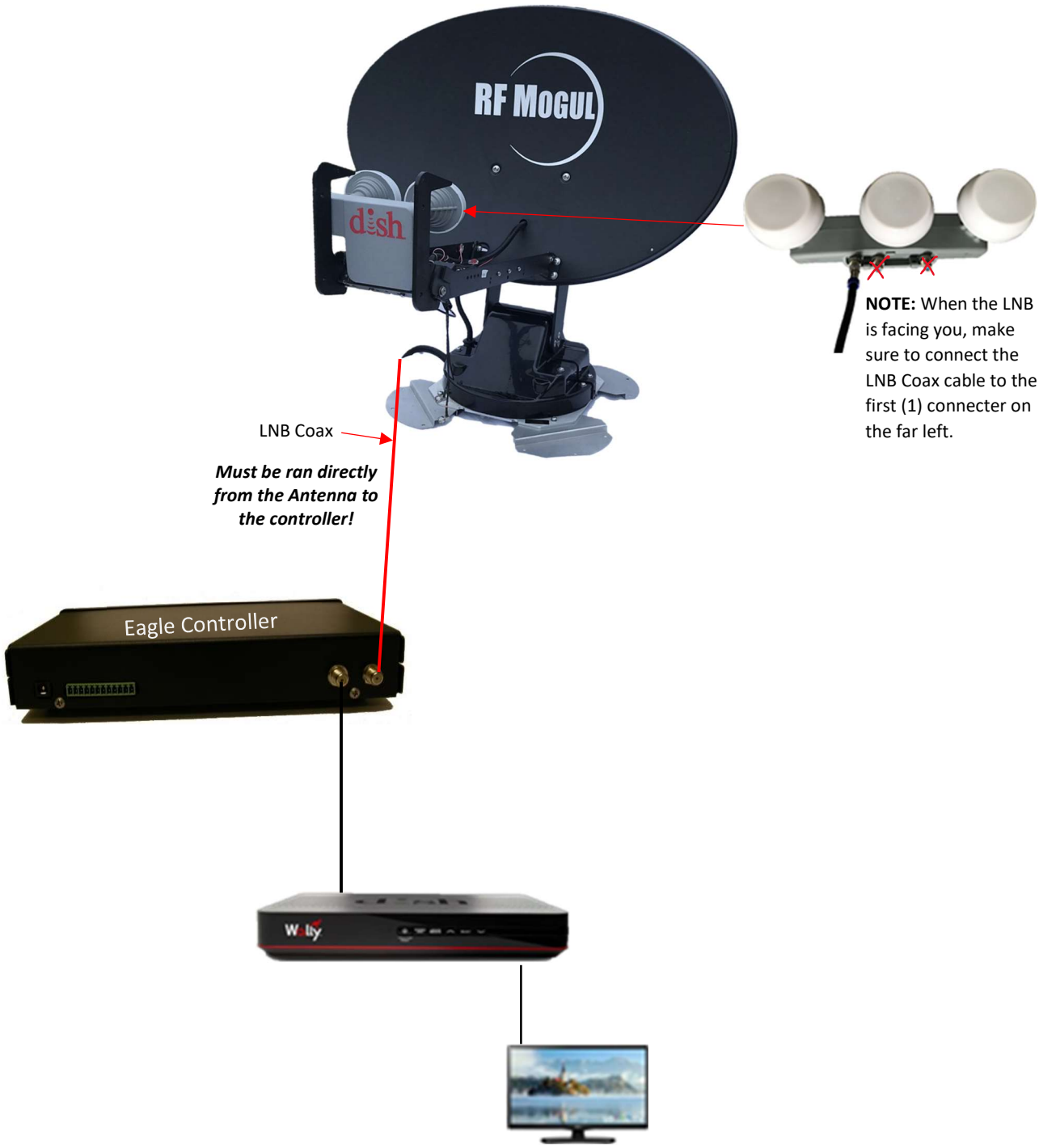
The SHAW system comes standard with 4 coax cables. Most RV installations can operate with 3 (2 receivers, 1 Non-DVR and 1 Dual Tuner). Some SHAW DVRs take only 2 coax cables as single tuner Non-DVR receivers use only 1 coax. <u>One coax cable must come directly through the Eagle Controller and then route to a Non-DVR or DVR receiver.</u>



Dish DPH LNB Wire Connection Diagram

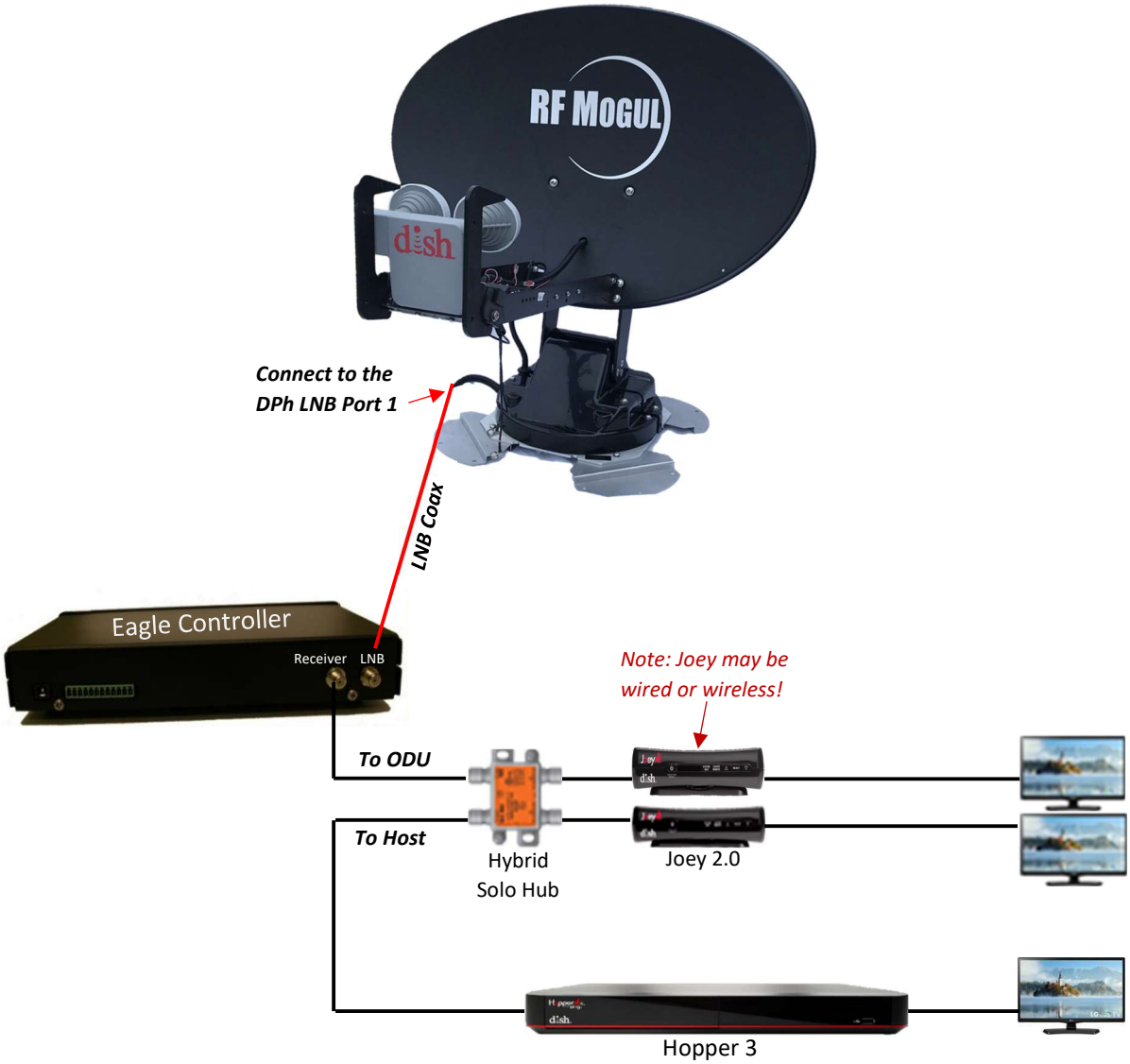
For: Wally Setup

Note: <u>The dish DPH LNB will only work with a single Wally.</u>



Dish Hopper-3 Connection Diagram

The DPH LNB will work with all of the Dish Hopper receivers, Dish Walley receivers and ViP211 receivers.



Eagle Controller (IDU) Operations

FRONT VIEW Definitions

SEARCH

Directs the system to "SEARCH" Satellites.
Navigates through the menu and selects a specific function.

STOW

Directs the system to "STOW" the mount and prepare it for travel
Navigates through the menu and selects a specific function.

LCD Display

Displays the actions of the system.

USB Programming Port

Used for upgrading firmware.

POWER

Will turn controller ON and OFF.
2nd push navigates through the Menu options.

LED

REC indicates the receiver coax is attached to the controller.
VDC indicates power is being supplied to the controller by the provided Power Supply.

S/N

Controller Serial Number.

REAR VIEW Definitions

CONNECTIONS

12 VDC: (Power)
12 VDC 7 amp (power supply provided).

CONTROL CABLE CONNECTION:
Termination of the 12 wires of the control cable to the controller takes place here.

TO REC: (To Satellite Receiver)
This is a coax pass-through connection to your satellite receiver (Satellite IN). There is an exception for DirecTV SWM. (See Wiring Diagram in this manual for splitter insertion).

TO LNB: (To LNB on the roof mount)
This is a coax connection to the roof mount antenna LNB through the base of the mount to any *one* of 3 coax cables that run through the mount and is secured to the LNB.
If you have DirecTV SWM the coax must run ***directly to the controller uninterrupted*** to the connection marked "TO LNB" on the Eagle Controller. (It may be necessary to buzz out the coax cables going through the mount be to determine which one is to be connected to the SWM LNB since only one cable is required but multiples are supplied).

Your controller is menu driven. By selecting a menu, you can perform many functions!

TO SEARCH

- Press the Power button
    - Displayed will be the....
        - **System configuration (software configuration)**
            - SHAW (Triple Satellite xKu LNB)
            - DIRECTV (SWM 3 LNB)
            - DISH NETWORK (Triple Satellite 1000.2 LNB or Hybrid Triple LNBF Hopper 3)
            - BELL TV (Triple Satellite 1000.2 LNB)
        - **Version of software will be displayed i.e**. yy/mm/dd
        - **Options** are accessed by pressing "SELECT" or POWER button the second time to enter the menu options. To navigate through the options press either the SEARCH (UP arrow) or STOW (DOWN arrow)

TO ENTER MENU OPTIONS

- Press the Power button again after turning ON the power to enter the "menu" portion of your system.
    - Press the Up and Down arrows to help you navigate through the menu. Once the portion of the menu that you want is displayed, press SELECT (POWER button) to "select" that option....
        - **1: Shutdown** - will turn OFF your controller
        - **2: Search** - will direct the mount to search for your specific satellite that is specified in your system configuration -If deploying your dish, this process will take approximately 4-4 ½ minutes before it will “lock” onto the satellite and you can begin watching your programming
        - **3: Stow** - will cause the mount to return to its travel position
        - **4**. **Set Position (Technical Support Menu)**
        - **5: Set Trigger (Technical Support Menu)**
        - **6: Move Azimuth** - pressing and holding the appropriate button will manually move your mount in azimuth (Up arrow CLOCKWISE, Down arrow COUNTERCLOCKWISE)

- **7: Move Elevation** - pressing and holding the appropriate button will manually move your mount in elevation (Up arrow UP, Down arrow DOWN
- **8: Move Skew** - pressing and holding the appropriate button will manually move your dish in skew (Up arrow right side DOWN, Down arrow left side DOWN
- **9: Test Dish** - will move the dish in all axis for one complete cycle
- **10: Temperature -** will display current operating temperature of its operating environment
- **11: Test Azimuth** - will automatically do a test of the azimuth sensor
- **12: Test Elevation** - will automatically do a test of the elevation sensor
- **13: Test Skew** - will automatically do a test of the skew sensor
- **14: Enter GPS coords** (enter GPS coordinates see below*).
- **15: Test sattbl (test satellite table) (Technical Support Menu)**
- **16: Exit** - Selecting this option will take you back to main menu

NOTE: There is an **"OVER TEMPERATURE"** condition that will be displayed at the beginning of the SEARCH function if the operating environment is more than 136°F. It will not prevent the SEARCH routine but will warn of potential damaging heat conditions for the equipment within that operating environment.

AFTER LOCKING ONTO THE PROPER SATELLITE:

The controller will remain ON for a few minutes and then automatically turn OFF.

AFTER STOWING:

The controller will automatically turn OFF.

WARNING

Double check *all* electrical and coax connections from the controller to the mount and LNB's BEFORE applying power to or connecting the satellite receiver to the controller.

Note: The control cable has 12 wires that control motors, provides GPS information and sensor feedback. If a control cable connector is miss wired it can cause damage to GPS or sensors. This can result in component failure and cause many hours of unnecessary troubleshooting time which costs everyone time and money. A double check of all wiring before powering up will result in a smoother installation.

REMEMBER: 90% of all problems are a result of incorrect **CONNECTIVITY or CONFIGURATION.**

Appendix

Figure 1)

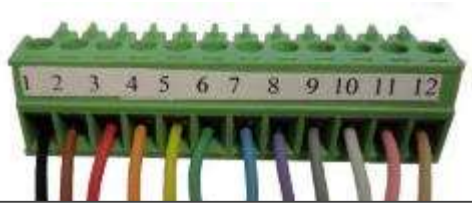
HOW TO RAISE THE MOUNT WITH A BATTERY

Touch the following wires from the control cable directly to a drill battery, 9 Volt or any 12 VDC source and it will result in movement of the ODU. To reverse the direction, reverse the wires to your battery.

- **ELEVATION** ***Red and Orange*** will raise and lower the dish.
- **AZIMUTH** ***Black and Brown*** will rotate the mount clockwise and counterclockwise
- **SKEW** ***Yellow and Green*** will tilt dish to the right and left.

Wire Color	Wire Function
BLACK	+AZ
BROWN	-AZ
RED	+EL
ORANGE	-EL
YELLOW	- SKEW
GREEN	+SKEW

Figure 2)



Pin	Color	How Used	Where Used
1 =	BLACK	Motor	-Azimuth
2 =	BROWN	Motor	+Azimuth
3 =	RED	Motor	-Elevation
4 =	ORANGE	Motor	+Elevation
5 =	YELLOW	Motor	- Skew
6 =	GREEN	Motor	+Skew
7 =	BLUE	Count	Azimuth
8 =	VIOLET	Count	Elevation
9 =	GRAY	Count	Skew
10 =	WHITE	Ground	
11 =	PINK	12 Volts DC	GPS
12 =	TAN	GPS TXD	GPS

NOTE: IDENTIFY THE DIFFERENCE IN COLOR BETWEEN THE BROWN (#2) AND THE TAN (#12) WIRES. INSTALLING THE GREEN CONNECTOR WIRE TERMINAL INCORRECTLY MAY CAUSE DAMAGE TO THE ELECTRONICS!

Figure 3)

If your GPS will not find Coordinates this is a temporary fix until GPS issue is resolved:

- Obtain GPS coordinates (Latitude/Longitude) Example… You can use Google Search "lat/lon of reno" if you are in the city of Reno. This will provide you with information needed. Only the whole number is required.
- Select menu #14 and enter those coordinates.
- Exit the Menu and press "Search" to find satellite.
- Call RF Mogul support to have the GPS error resolved

Warranty and Registration

RF MOGUL *EAGLE TV* LIMITED WARRANTY (2 YEARS PARTS; 1 YEAR LABOR)

This warranty applies to all RFM Satellite TV Systems and Components purchased after Dec. 31, 2015.

RF Mogul 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, RF Mogul will also pay authorized labor costs to an authorized RF Mogul dealer to repair or replace defective components. No warranty claim will be honored unless at the time the claim is made, Customer presents proof of purchase to an authorized RF Mogul dealer (to locate the nearest authorized RF Mogul dealer, contact RF Mogul, 3604 S Via Terra St, Salt Lake City, Utah 84115, Telephone 801-895-3308, email techsupport@rfmogul.com or visit www.rfmogul.com). 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 RF Mogul dealer for service. If the product is brought to an authorized RF Mogul dealer for service prior to expiration of year one (1) of the warranty period and a defect in material or workmanship is verified by RF Mogul Technical Services, RF Mogul will cover the RF Mogul dealer's labor charges for warranty service up to $150.00. The RF Mogul dealer must contact RF Mogul Technical Services in advance for pre-approval of the service. Approval of the service is at the sole discretion of RF Mogul.

Alternatively, Customer may bring the product or ship the product prepaid to RF Mogul Technical Services (located at 3604 S Via Terra St, Salt Lake City, Utah 84115, Telephone 801-895-3308 option 2). If the product is returned before the expiration of the warranty period, RF Mogul will (at its option) either repair or replace the product.

RETURN AUTHORIZATION POLICY

A Return Material Authorization (RMA) is required prior to returning any product to RF Mogul under this warranty policy. Please call our Technical Services Department at 801-895-3308 option 2 or send an e-mail to: techsupport@rfmogul.com to obtain the RMA number. Please furnish the date of purchase when requesting an RMA number and product serial number (located on bottom of antenna control unit). 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.

NOT COVERED UNDER THIS WARRANTY

A component or product that has been damaged, deteriorates, malfunctions or fails from: improper installation, misuse, abuse, neglect, accident, tampering, modification of the product as originally manufactured by RF Mogul 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.

It does not apply if the physical install of any RF Mogul Systems or components by a Technician that is an independent company not authorized by RF Mogul. The installer shall bear full responsibility for the entire installation process.

The LNB (Low Noise Block Converter) is NOT covered by RF Mogul. This item is shipped as a convenience to the installer and user and are not considered part of the RF Mogul system.

RF Mogul does not cover expedited shipping charges. RF Mogul will ship ground freight using common carriers at their discretion.

The RF Mogul antenna is inspected and tested at the factory before shipping. It is packed according to the standards required by shipping companies. If the antenna was received damaged, a claim should be made immediately with the shipping or forwarding company.

This Limited Warranty also does not apply if the product becomes unable to perform its' intended function in any way because of the television signal provider making any changes in technology or service.

RF MOGUL 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.

Technical Support: 801-895-3308 Option 2

Warrantor: RF Mogul 3604 Via Terra, Salt Lake City UT 84115 techsupport@rfmogul.com

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. Changes and technological advances are continuously being made in the satellite antenna market. Information provided in this manual was accurate at the time of printing.

EAGLE TV PRODUCT REGISTRATION FORM

Please fill out the form and remit back to RF Mogul 3604 S. Via Terra Salt Lake City UT 84115
Or register your product online: rfmogul.com/eagle-tv-registration

Name:_____

Address:_____

_____ _____ _____
City **State/Prov** **Zip/Postal Code**

Email Address:_____

Telephone Number: _____ - _____ - _____
Area Code **Telephone Number**

Date of Purchase/Installation: ____/____/____
Month Day Year

SYSTEM TYPE: (SELECT ONE)

- ☐ **EAGLE** (SHAW Direct)
- ☐ **EAGLE** (Bell TV)
- ☐ **EAGLE** (Dish Network)
- ☐ **EAGLE** (DirecTV SWM-3)

Eagle Controller Serial Number
#_____

Mount Serial Number
#_____

INSTALLING DEALER

Company Name_____
Name of Installer_____
Phone # of Installer _____ / _____ / _____

Feedback or Comments:

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