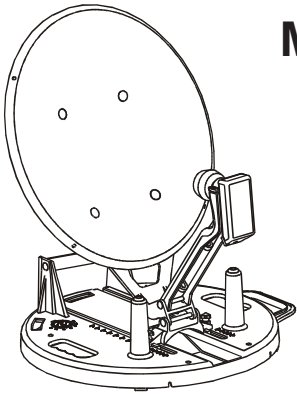


WINEGARD®

46 cm Portable Satellite System Models RD-9046/RD-9146/RD-8046



ANTENNA/MOUNT
MADE IN U.S.A.

U.S. Patents 5,532,710
& 5,646,638

UNPACKING/ASSEMBLY

After unpacking the system, verify that you have a level, compass (attached to base), and 25 feet of coax. If you do not, call Winegard Company at 1-800-288-8094 between the hours of 8:00 a.m. and 4:00 p.m. central time, Monday through Friday.

SAVE THE CARTON. This carton is designed to be reused to store your system in when not in use.

OPERATION

STEP 1. Connect coax from LNBF to receiver. If additional cable length is required, use a high grade RG-6/U type foam cable suitable for satellite signal and an FS-8100 cable splice.

STEP 2. Plug in the receiver and TV.

STEP 3. Turn TV and receiver ON.

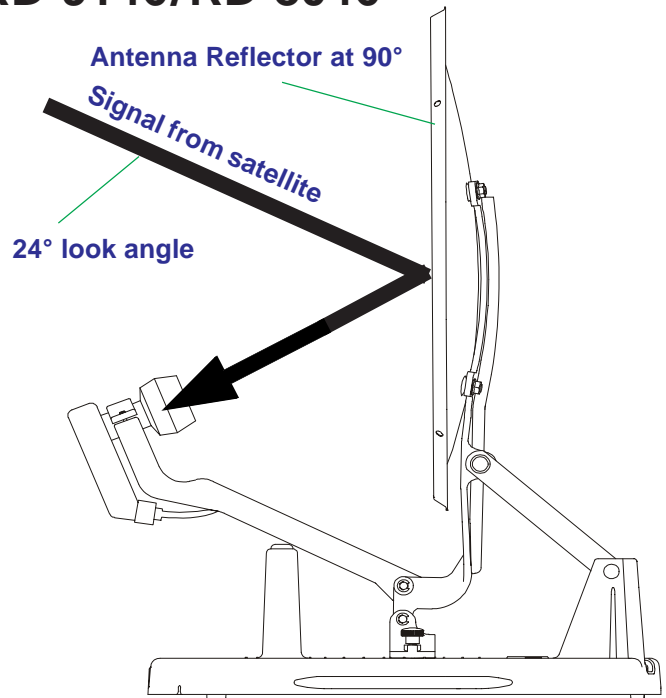
STEP 4. Tune TV to ch. 3 or 4 (to the same channel as the output on the receiver.)

STEP 5. Determine azimuth (direction) and elevation required for your position. Refer to receiver manual.

STEP 6. Loosen clamp knobs. Elevate reflector to the correct elevation. Align degree of elevation required with **front of the slide bracket**. Each mark indicates 5 degrees of elevation with the first mark being 0° (mark closest to compass/level). See Figures 1 and 2. Tighten clamp knobs.

STEP 7. Level base using bubble level recessed into the base.

STEP 8. Using compass recessed into base, rotate the base **slowly** (3° increments) to the desired azimuth (direction) for the high power satellites. The signal is digital, you must wait a few seconds after each move to allow the receiver to process the signal.



NOTE: Disregard the compass markings, the red compass needle *always* points North. Rotate the base so that the other end of the needle points at the correct heading (direction) on the antenna base. **DO NOT USE THE DEGREE MARKINGS ON THE COMPASS.**

NOTE: If you have the unit sitting on a tailgate or on other metal items, it is recommended that you remove the compass from the base and stand away (15' min.) to find the correct azimuth. Compass is attached to base with velcro.

STEP 9. Adjust azimuth (direction) and elevation (up/down) for strongest signal.

NOTE: If you do not get a picture, check the following:

1. Make sure antenna has clear view of the high power satellites, no buildings, trees, etc. blocking the view.
2. Make sure coax connections are good.
3. Check coax for breaks, crimps, cuts etc.
4. If base is not level, you will have to adjust the elevation to compensate.
5. Check that TV is tuned to correct channel.

CAUTION: DO NOT DROP SYSTEM. IF ANTENNA IS DAMAGED, IT WILL REDUCE THE GAIN (HOW MUCH SIGNAL THE ANTENNA SENDS TO THE RECEIVER) OF THE ANTENNA. THIS CAN RESULT IN A DEGRADED PICTURE.

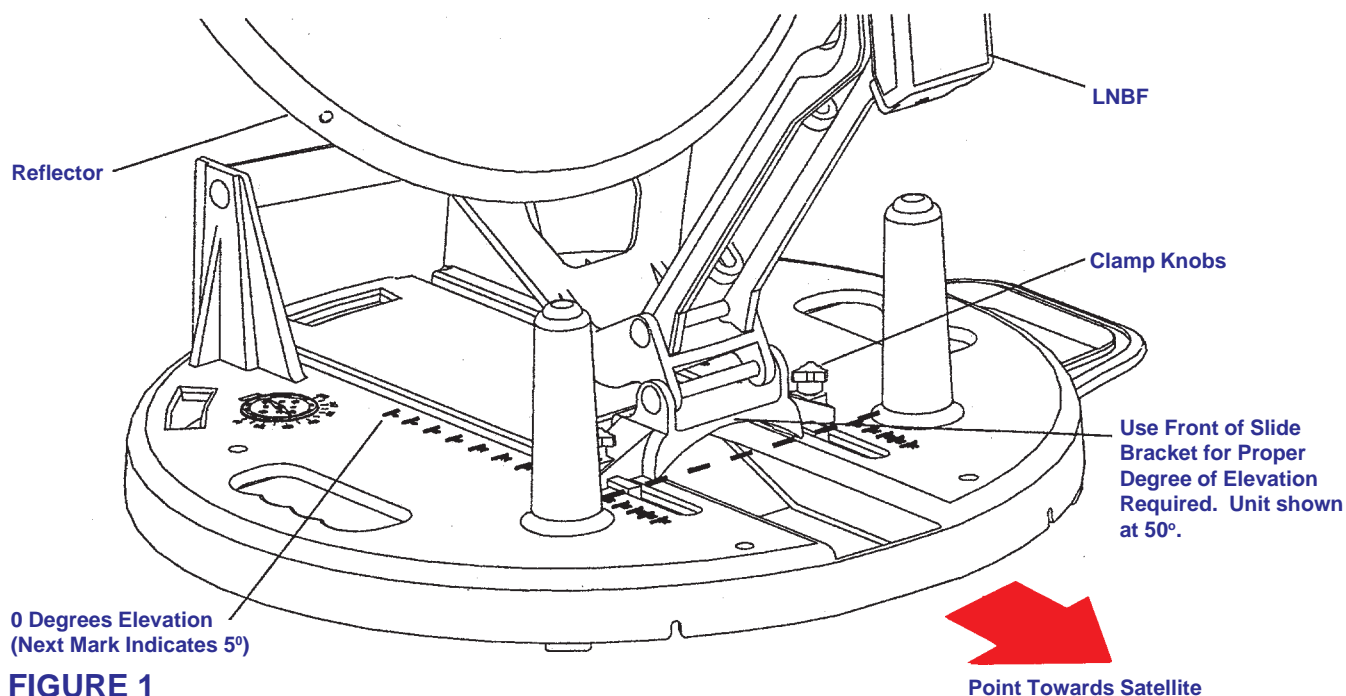


FIGURE 1

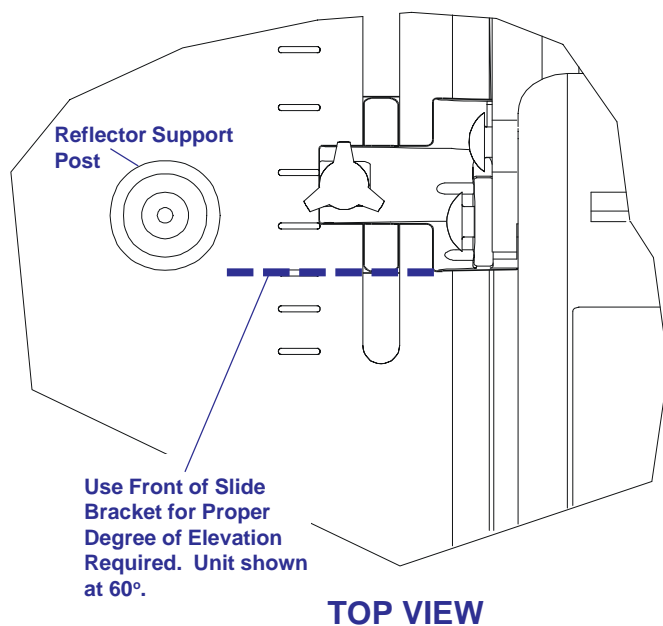


FIGURE 2

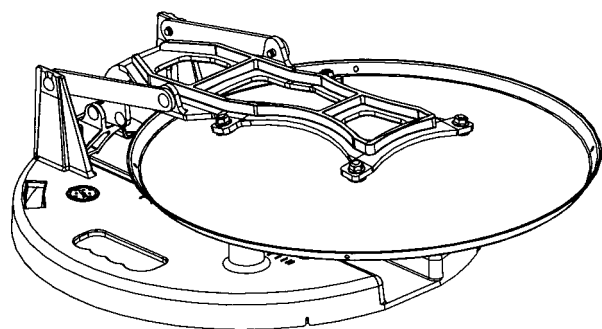


FIGURE 3

RETURNING ANTENNA TO TRAVEL POSITION

STEP 1. Turn receiver and TV OFF.

STEP 2. Disconnect coax from receiver.

STEP 3. Loosen clamp knobs and put antenna in travel position. See Figure 3.

STEP 4. Coil coax under base. See Figure 4.

NOTE: The carton the system came in is designed to be reused. It is suggested that you store your system in it when not in use.

NOTE: When ready to use antenna again, you must uncoil the coax before raising antenna. The antenna will not raise if the coax is coiled up under the base.

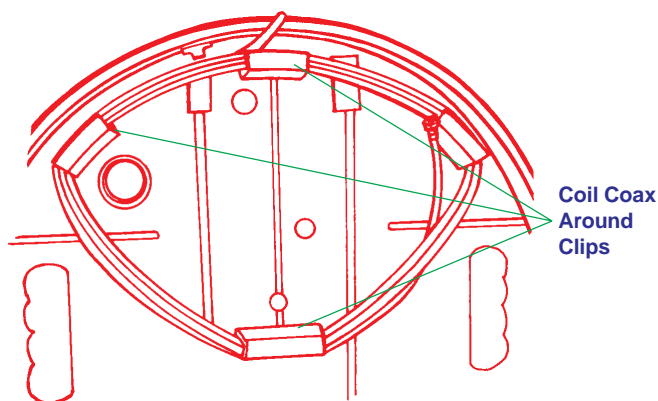
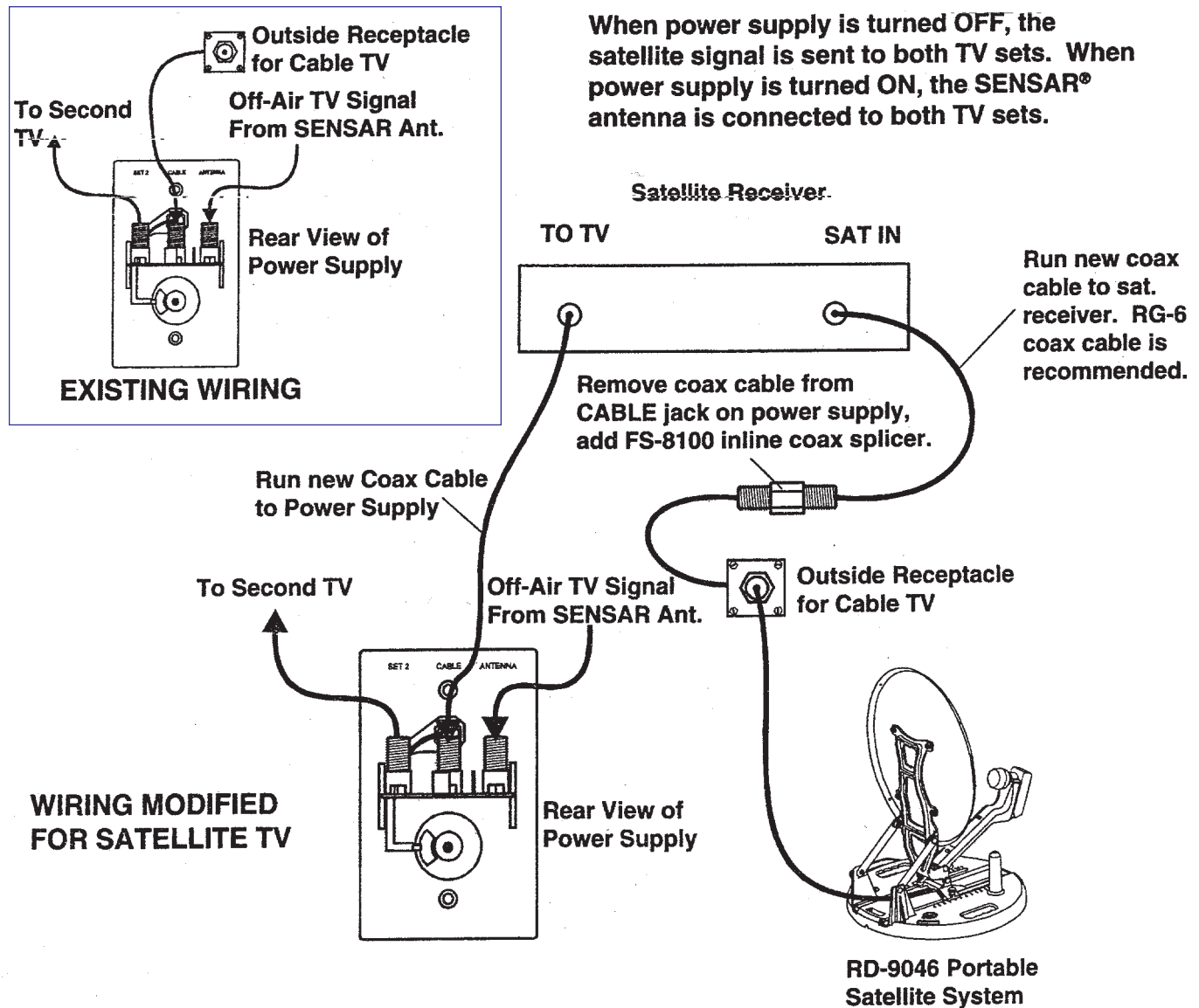


FIGURE 4

How To Hook A Satellite System To A RV Cable Input



MOBILE PRODUCTS & LNBF - TWO YEAR LIMITED WARRANTY

Winegard Company warrants this Winegard product against any defects in materials or workmanship within two (2) years from date of purchase. No warranty claim will be honored unless at the time the claim is made, you present proof of purchase to an authorized Winegard dealer (if unknown, please contact Winegard Company, 3000 Kirkwood Street, Burlington, IA 52601-2000, Telephone 319-754-0600).

Winegard Company (at its option) will either repair or replace the defective product at no charge to you. This warranty covers parts, but does not cover any costs incurred in removal, shipping or reinstallation of the product. This limited warranty does not apply if the product is damaged, deteriorates, malfunctions or fails from: misuse, improper installation, abuse, neglect, accident, tampering, modification of the product as originally manufactured by Winegard, 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.

The Two (2) Year Warranty is provided on the condition that the equipment is properly delivered with all handling and freight charges prepaid to your Winegard dealer for return to our factory for repair or replacement. Winegard dealers will arrange for the replacement or repair and return to you without charge the product which failed due to defective material or workmanship.

WINEGARD COMPANY WILL 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.

The foregoing shall be the sole and exclusive remedy of any person, whether in contract, tort or otherwise, and Winegard shall not be liable for incidental or consequential damage or commercial loss, or from any other loss or damage except as set forth above.

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 you specific legal rights and you may also have other rights which vary from state to state.

ANTENNA EXPLODED PARTS VIEW

Below is the exploded parts view for the 46 cm portable satellite system. If you require a replacement part, call Winegard Company at 1-800-288-8094 between the hours of 8:00 a.m. and 4:00 p.m. central time, Monday through Friday. Credit card orders only.

RECEIVER WARRANTY

Receiver is warranted by the manufacturer. See instruction manual packed with receiver for warranty information. **DO NOT SEND receiver to Winegard Company;** it will be returned to you. Only Echostar receivers will be accepted and **ONLY** from dealers.

