



## Stationary Electronics Replacement Kit Model RP80RTS



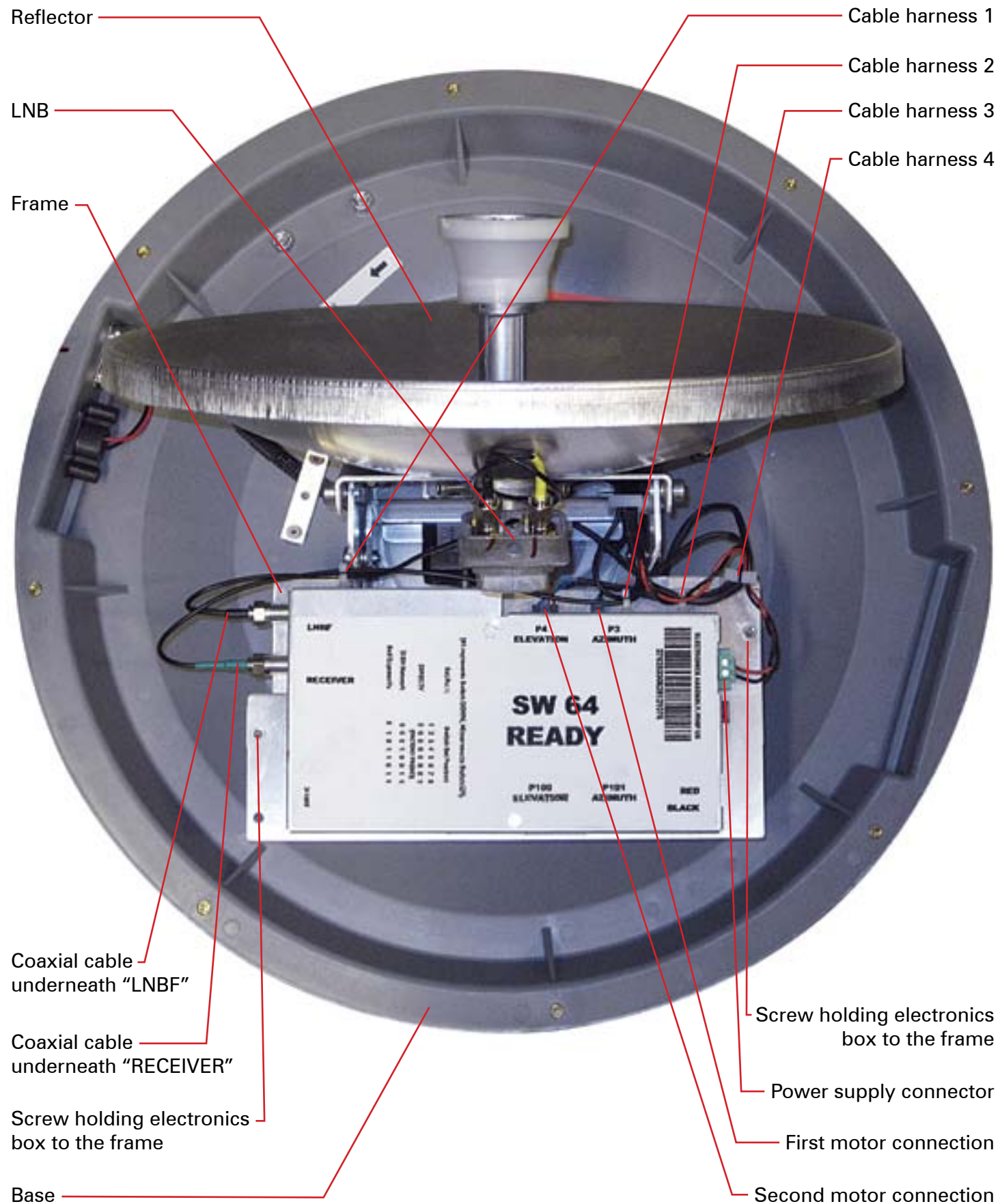
For help, email [help@winegard.com](mailto:help@winegard.com) or call 1-800-788-4417.

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

For up-to-date information on receiver compatibility and programming, visit [www.winegard.com/receivers](http://www.winegard.com/receivers).

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## Parts of the Antenna Overhead View (Dome Removed)



## Removing the Existing Stationary Electronics Box

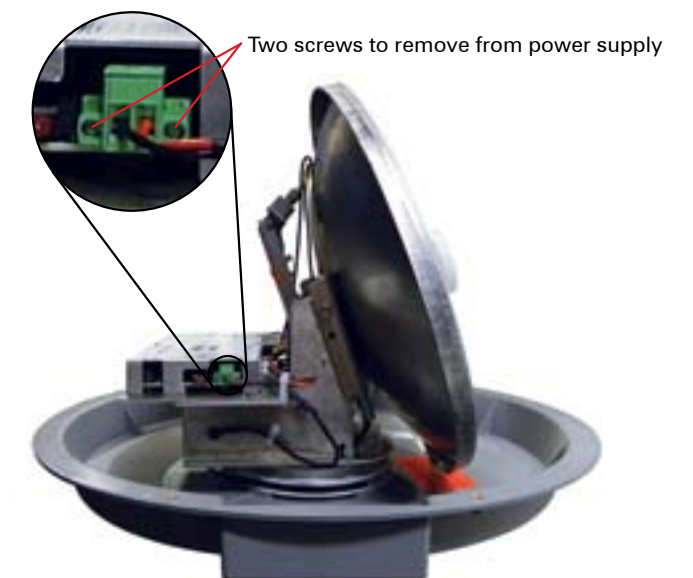
1. Before starting, turn off the power to the unit, and unplug the unit from the receiver.
2. Using a #2 Phillips screwdriver, remove the screws holding the dome to the base. If applicable, remove the screws connecting the handle to the unit, and remove the handle. Set these screws aside; you will need them later.
3. Remove the dome.
4. With both hands on either side of the reflector, carefully tilt the reflector forward.
5. With a small flat screwdriver, loosen the two screws on the side of the power supply connector, and remove the power supply. Do not loosen the two screws on the top of the power supply. Refer to the image on the bottom of this page.
6. Loosen and remove the two coaxial cables underneath "LNBF" and "RECEIVER" with a  $\frac{7}{16}$ " wrench.
7. Remove all cables from the cable harnesses marked in the image to the left.
8. Remove the two screws holding the electronics box to the frame with a  $\frac{1}{4}$ " Allen wrench. Gently slide the electronics box away from the frame.

**WARNING** The electronics box is still tethered to the unit. Do not pull on the electronics box.

9. Push down the lock on the first motor connection. Remove the first motor connection from the port below "P3 AZIMUTH."
10. Push down the lock on the second motor connection. Remove the second motor connection from the port below "P4 ELEVATION."
11. Remove the electronics box.
12. Continue with "Installing the Replacement Stationary Electronics Box" on this page.

## Installing the Replacement Stationary Electronics Box

1. Insert the second (larger) motor connection into the port underneath "P4 ELEVATION" on the replacement stationary electronics box.
2. Insert the first (smaller) motor connection into the port underneath "P3 AZIMUTH" on the replacement stationary electronics box.
3. Align the two holes in the electronics box and the frame. Insert a screw through each hole, and tighten with a  $\frac{1}{4}$ " Allen wrench.
4. Connect the coaxial cable running from the left side of the LNB to the port underneath "LNBF." Make sure the cable still runs behind the LNB. Tighten until fingertight, and then tighten a quarter turn with a  $\frac{7}{16}$ " wrench. Do not overtighten!
5. Connect the other coaxial cable to the port underneath "RECEIVER." Tighten until fingertight, and then tighten a quarter turn with a  $\frac{7}{16}$ " wrench. Do not overtighten!
6. Plug in the power supply connector, and tighten the two screws on the side of the connector with a small flat screwdriver.
7. See "Routing the Cables in Cable Harnesses" on the next page to finish installing the electronics box.



# Routing Cables through the Four Cable Harnesses

1. Route the two coaxial cables underneath "LNBF" and "RECEIVER" through cable harness 1.
2. Route the cable running from "RECEIVER" and the cable running from the right side of the LNB through cable harness 2.
3. Route the first and second motor connection cables through cable harness 3. Also, route the power cable through this cable harness.
4. Route the first and second motor connection cables and the power cable through cable harness 4.

# Re-Installing the Dome

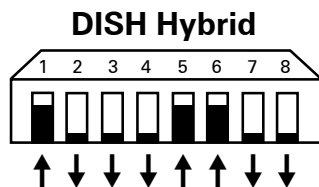
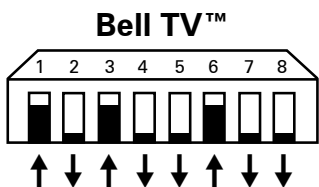
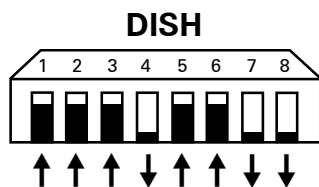
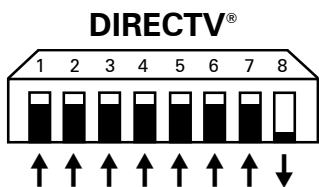
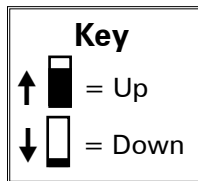
1. Replace the dome.
2. Align the holes in the base with the holes in the dome. If installing a handle, align the holes in the handle with the holes in the base. To protect the cable connections from accidental damage, install the handle using the two holes closest to the cable connections.
3. If replacing the dome on a roof-mounted unit, make sure that the decals on the dome face perpendicular to the main and secondary ports. If replacing the dome on a portable unit, make sure that the decal faces opposite the main and secondary ports.
4. Thread a screw through each hole, and tighten with a #2 Phillips screwdriver. Do not overtighten!

# Changing Switch Settings

You must change the numbered switches found on the electronics box under the dome before replacing the dome.

Change the switch settings to the settings for your programming provider. Hybrid mode is for use in areas where the 129° satellite is not available and standard DISH® settings fail to provide HD programming.

Once the switch settings are appropriately set for your programming provider, the dome can be replaced.



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