

OWNER'S MANUAL

MOBILE TRAILER WITH 1.2 METER DISH



This Owner's Manual and the owner's manual for the Honda generator should be kept accessible so that they may be referred to at any time.

This Manual is considered a permanent part of the trailer and should remain with the trailer if resold.

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SAFETY

Your safety and the safety of others are very important. We have provided operating procedures and other information on labels and in this Owner's Manual to alert you to potential hazards that could hurt you or others. Please use your own good judgment.

SAFETY ALERTS

These symbols warn you of potential hazards that can cause serious injury or death. Read them carefully. Safety Alert Labels are placed on the trailer at various locations for your safety. These signal words mean:



DANGER indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.



CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

SAFETY ALERT LABELS



- **Keep hands away from mechanical area of dish.**
 - When dish is in motion, this area could pinch or crush hands.
- **Remove generator from utility box to refuel.**
 - To prevent spillage of gasoline within the utility box that may cause combustion or fire.
- **Remove gas can from utility box when generator is in use.**
 - To prevent possible fire hazard.



- **RF Radiation Source – Keep Back 10 Feet.**
 - This satellite dish emits radiation that could be harmful if there is exposure. Do not stand directly in front of the dish or place any part of your body between the dish and the electronics feed assembly (attached to the arm in front of the dish).
 - Stand back 10 feet from the trailer in all directions when system is active.
- **Do not stand or sit on platform or lid of box.**
 - You are within a restricted area and may interfere with leveling of the trailer.

COMPONENT IDENTIFICATION

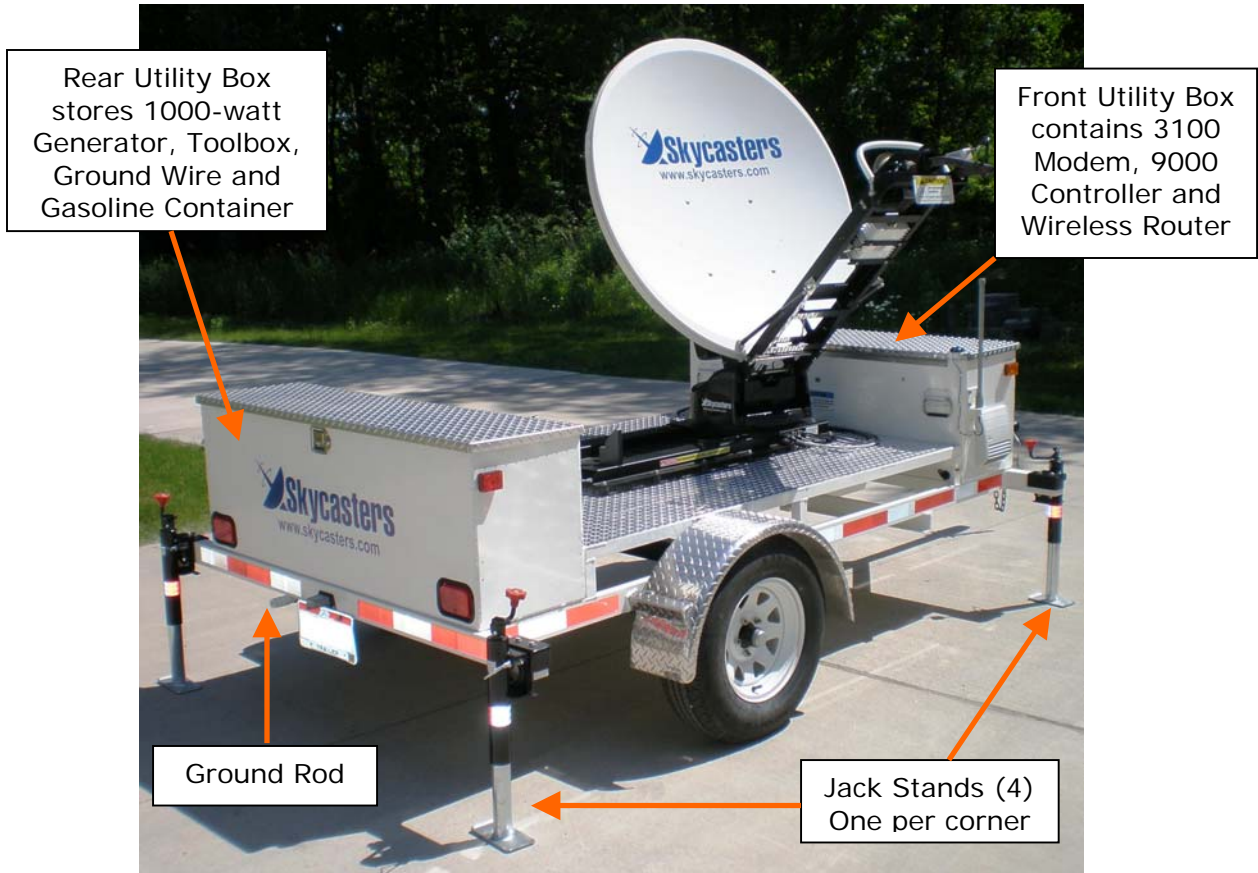


Figure 1

System includes:

- 14' Aluminum Trailer (powder coated white), 2" Ball Receiver, 1000 lb. Axle
- 1.2 Meter iNetVu Satellite Dish with 9000 Controller
- iDirect 3100 Modem
- Linksys Wireless Broadband Router (WRT54GS) with SpeedBooster
- One 2.4 GHz 8dBi Omni Directional Wireless Lan Antenna
- Honda Eu1000 Watt Generator
- Gasoline Container
- Two Utility Boxes. The Front Utility Box is removable to allow indoor storage of electronic components.
- 8' Ground Rod and Ground Wire
- Toolbox containing Hammer, Compass, Screwdriver and Level
- Instruction Manual

LEVELING TRAILER

In order to ensure proper deployment of the satellite dish, it is important that the satellite platform be level.

1. Park trailer on even level ground with either side of the trailer facing toward the South.
2. Place trailer blocks behind tires to prevent it from rolling.
3. Unhitch trailer from vehicle. Deploy one of the two jack stands located toward the front of the trailer. Lift tongue of trailer until receiver is clear of 2" ball. Remove safety chains and unplug trailer lights.
4. Unlock all other jack stands and rotate to a vertical position. Lower each jack stand until contact is made with the ground.
5. Obtain level from toolbox located in the Rear Utility Box. Place level on platform supporting satellite dish with the level oriented front to back. See **Figure 2**.
6. Adjust front or rear jack stands until trailer is level front to back. *Note: Make sure the base of all four jack stands (as well as the trailer tires) remain in contact with the ground for maximum stability. If ground is sloped, you may need to use additional spacers beneath the jack stands to level the trailer.*
7. Place level on platform supporting the satellite dish with the level oriented side to side. See **Figure 3**.
8. Readjust jack stands until trailer is level side to side.
9. Repeat process until platform is level in both directions.



Figure 2



Figure 3

GROUNDING TRAILER

In order to protect the electronic equipment and ensure proper orientation, it is important that the equipment be properly grounded before use.

1. Obtain hammer, ground clamp and flathead screwdriver from the provided toolbox. Unscrew end cap from tube, which is attached to the ground rod with a pull rope. See **Figure 4** and **Figure 5**.
2. Remove ground rod by pulling on end cap.
3. Pound ground rod into ground with hammer. *Note: A ladder may be needed to reach the top of the 8' ground rod.*
4. Install ground clamp to ground rod by tightening two screws with a screwdriver. See **Figure 6**.
5. Obtain roll of ground wire from utility box. Secure ground wire to ground rod clamp by tightening the setscrew. See **Figure 6**.
6. Secure other end of ground wire to frame of trailer close to exhaust port of generator. Tighten setscrew. See **Figure 7**.

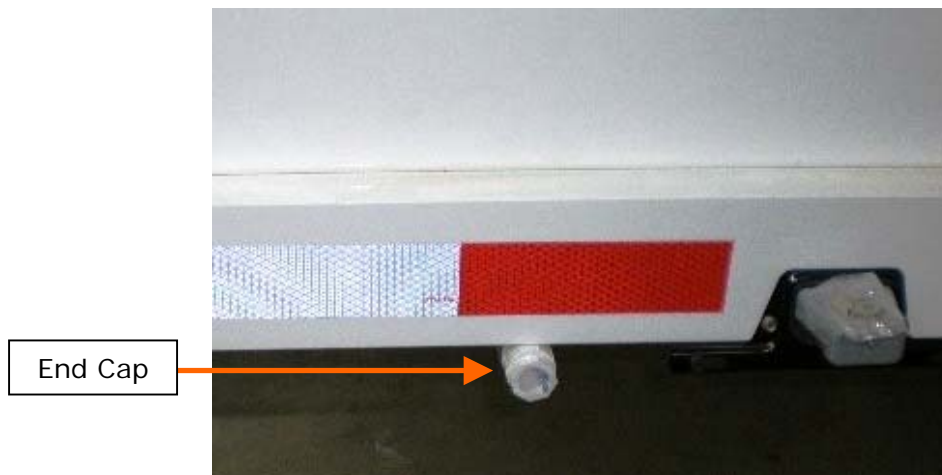


Figure 4

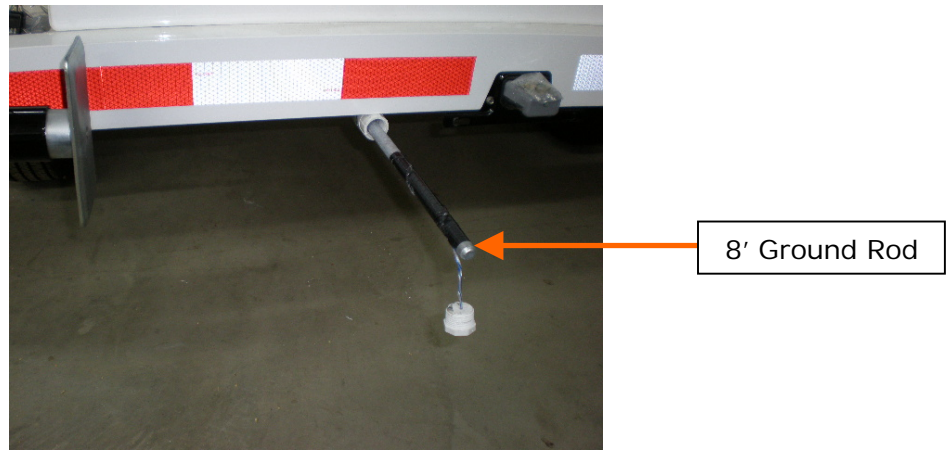


Figure 5

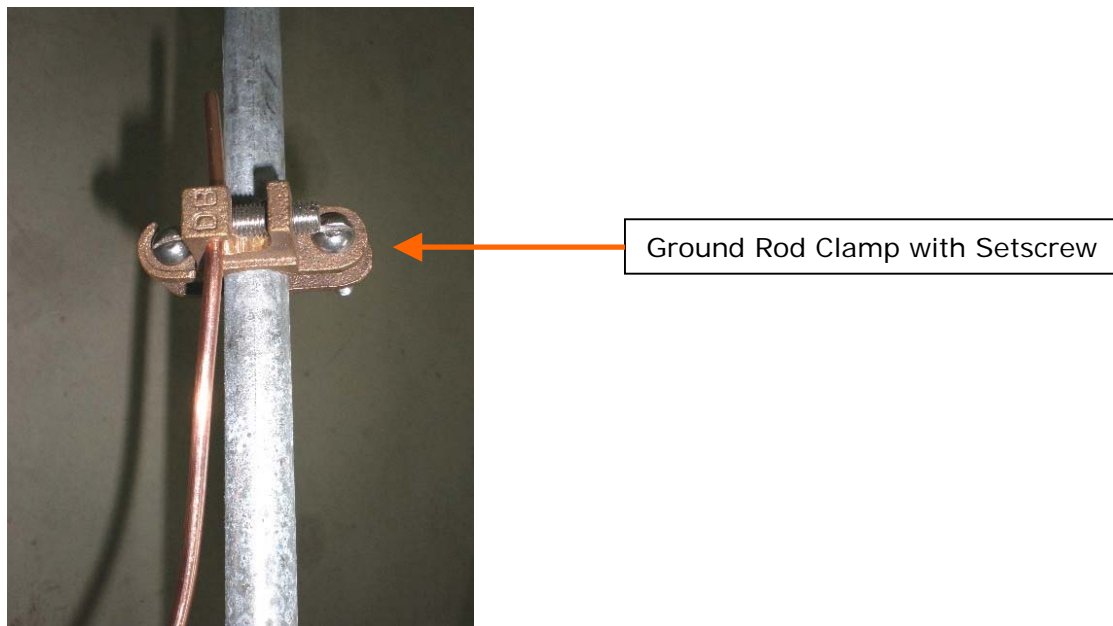


Figure 6

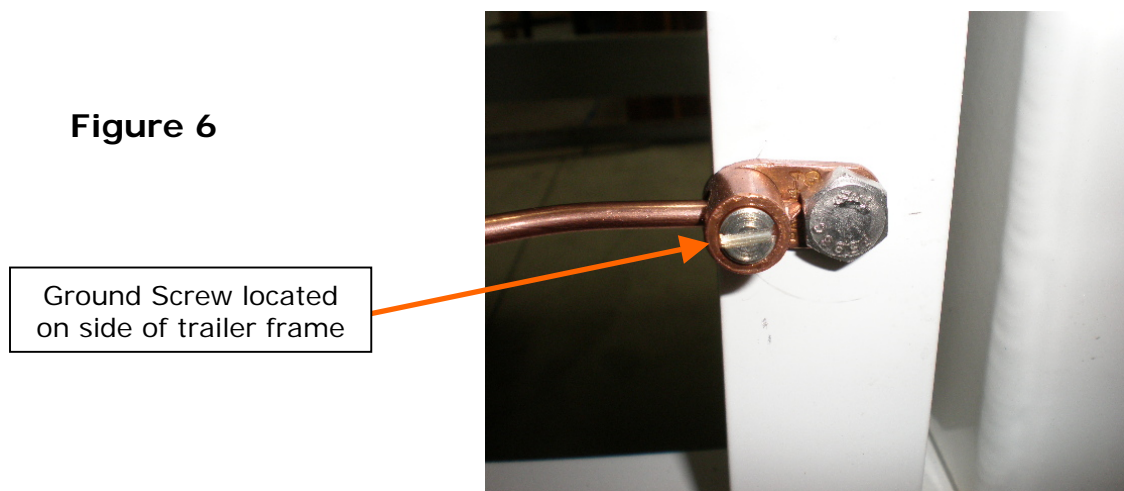


Figure 7

GENERATOR USE

If weather permits, it is preferable to operate the generator outside of the utility box for better cooling and airflow. In the event of inclement weather, the Rear Utility Box is designed to allow the generator to operate within the utility box with the lid closed to protect the generator. The generator should only be operated inside the utility box when dictated by severe weather conditions.


- Refer to Honda generator manual for detailed operating instructions.
-  **WARNING** Do not operate generator in utility box with gas can in same compartment. Remove gas can from utility box and place on level ground away from exhaust port of utility box.
- Always make sure that the generator is off when checking fuel level.
- Remove the generator from utility box when refueling.
 1. Remove straps securing generator in box.
 2. Remove any electrical plugs that are connected to any outlets of the generator.
 3. Disconnect green ground wire attached to generator. See **Figure 8**.
 4. Remove generator from utility box and place on level ground in a well-ventilated area. Refill generator with fuel.



Figure 8

- Returning generator to the utility box.
 1. Place generator onto floor of utility box with muffler securely against the exhaust port. The backside of the generator should be flush against the back wall of the utility box. See **Figure 9** and **Figure 10**.
 2. Secure generator to floor with provided straps.
 3. Secure ground wire to generator.
 4. **Do not** plug any power cords to the generator at this time.



Figure 9

Exhaust Port
for Muffler



Figure 10

- Starting the generator.
 1. Refer to the Honda owner's manual for detailed instructions.
 2. Open the air valve on gas cap of generator and turn the vent lever to the on position.
 3. To start cold engine, move the choke lever to the CLOSED position. To restart a warm engine, leave the choke lever in the OPEN position.
 4. Pull starter grip lightly until resistance is felt, then pull briskly.
 5. When generator has started, gradually move the choke to the open position as the engine warms up.
 6. Turn the Eco Throttle switch to the on position.
 7. Plug the electric cord into the generator.
 8. Close the lid of the utility box only if severe weather conditions are present.

USING PROVIDED ELECTRICAL SERVICE

- Unplug power cord from outside of utility box. Plug in local 120 VAC service. See **Figure 11**.
- When using provided electrical service, ensure that the power is properly conditioned/protected against spikes and surges. Power spikes and surges can damage electronic components. Damage caused by power spikes and surges is not covered under warranty.

External 120 Volt Inlet on
Front Utility Box



Figure 11

DEPLOYMENT OF SATELLITE DISH

Refer to iNetVu CD for detailed operator instructions.

1. Make sure electrical connections are made to either the generator or from your local 120-volt service.
2. Remove any tie down straps from the satellite dish.
3. The Linksys router and 3100 iNetVu modem will be on when electrical connection is made.
4. Press the power button on the 9000 Controller immediately after electrical connection is complete. It will take several minutes for the 3100 modem to boot up. The RX and TX lights will blink repeatedly after boot up.
5. The controller will boot up. The word "Maintenance" will display on the LCD screen. See **Figure 12**.
6. Do not press "Find Satellite" button on the 9000 Controller at this time. Various parameters within the controller must first be met. The controller can be remotely accessed via web interface or VNC Viewer to make sure it is ready to deploy the dish. Refer to instructions on CD labeled iNetVu. Refer to PDF file named iNetVu 9000 Controller User Manual.
7. The dish will elevate and move from left to right to lock in on the signal from the satellite. It may take up to 7 minutes for the system to lock onto the satellite. All 5 lights on the front side of the 3100 modem will turn steady green when the system is activated.

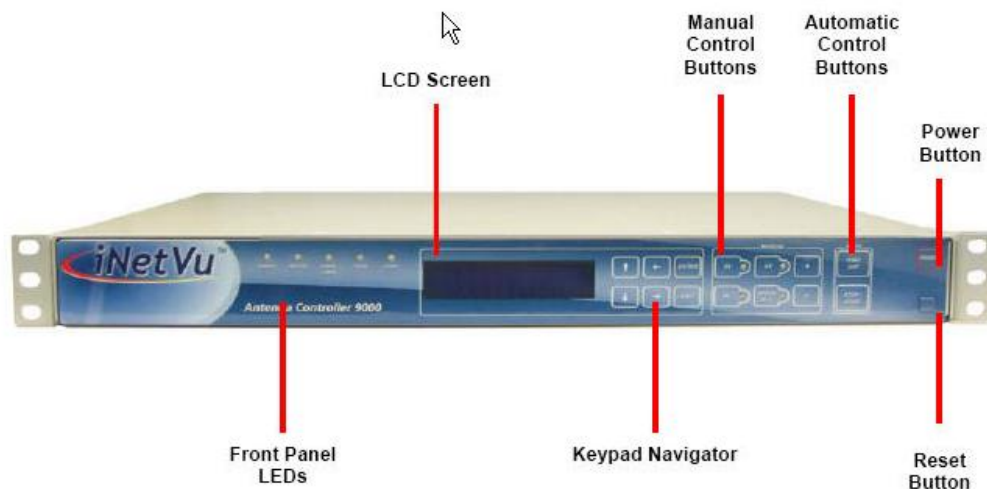


Figure 12

COOLING FAN AND THERMOSTAT

- Make sure all storage covers on the cooling exhaust vents are removed.
- It is recommended that the thermostat be set between 90° and 100°F. The fan will operate when temperature inside the utility box exceeds the preset temperature. See **Figure 13**.
- External vent covers are removable for replacement of filters.


120 VAC Thermostat
set at 90°F.



Figure 13

REMOVAL OF FRONT UTILITY BOX FOR STORAGE

The Front Utility Box is designed so that it may be removed from the trailer for indoor storage. For long-term storage, the electronic components should be stored indoors. There are two yellow Zerust® capsules placed within the Front Utility Box to provide further corrosion protection. The capsules can last up to two years.

- Remove cables from exterior of box.
 1. Remove the set of cables labeled RX and TX.
 2. Remove the remaining set of cables that are labeled Sensor and Motor cable.
 3. Remove the yellow 120-volt plug from the receptacle.
 4. Place all cables into front or rear utility box for storage.
 5. Remove all 4-hand knobs that secure utility box to frame of trailer. Knobs are located inside the utility box on the bottom of the box.
 6. Place storage covers over exhaust vents. Close lid of box.
 7.  With two people, grab the handles of the box and lift up off trailer frame and transport to indoor storage.

TRANSPORTING TRAILER

1. Securely tighten all four mounting knobs inside the Front Utility Box.
2. Make sure that the gas can is securely fastened with strap and that the gas cap is tightened.
3. Secure the generator with both ties. See **Figure 10**.
 - Turn the engine switch and fuel tank cap lever to the "OFF" position to prevent fuel leakage.
4. Check to make sure that the end cap on the tube that contains the ground rod is tight.
5. One of the front jack stands toward the front of the trailer will need to remain in the downward position in order to support the tongue until the trailer is secured to the tow vehicle.
6. Crank up other 3 jack stands, unlock and rotate into a horizontal position, and relock in horizontal position.
7. Move vehicle to align the 2" ball to the receiver of trailer. Using remaining front jack stand, lower receiver onto ball and lock hitch into place with handle.
8. Crank up the base of the remaining jack stand, unlock and rotate into a locked horizontal position, and relock in horizontal position.
9. Attach the two tow chain hooks to the tow hitch of vehicle. See **Figure 14**.
10. Connect plug for lights on trailer. Check to make sure that the brake, turn signal and running lights are operational.



Figure 14

TECHNICAL SUPPORT

Our Advanced Technical Support Team would be pleased to assist you regarding this equipment.

Telephone:	1 800-268-8502	United States Callers
	1 xxx-xxx-xxxx	International Callers

Monday- Friday	8:00 a.m. – 8:00 p.m. EST
Saturday	9:00 a.m. – 5:00 p.m. EST

Your assigned account number is _____.