

Introduction

The Freedom Remote Panel (remote panel) can be connected to the Freedom SW Inverter via the Remote port on the AC/DC side panel to turn the Freedom SW Inverter ON or OFF from a more convenient location. The remote panel also has the ability to enable/disable the Ignition Lockout feature of the Freedom SW Inverter. When this feature is enabled, the Freedom SW Inverter will shutdown if the vehicle's ignition is not engaged (not in ACC position) to prevent unnecessary battery drain. The Freedom Remote Panel (PN:808-9002-01) comes with a 25-ft (7.6-m) communications cable.

Important Safety Information

Misusing or incorrectly connecting the remote panel may damage the equipment or create hazardous conditions for users. Read the following safety instructions and pay special attention to all Caution and Warning statements in your Freedom SW Inverter Owner’s Guide.

 Warnings

- 1. All electrical work must be done in accordance with local, national, and/or international electrical codes.
- 2. All electrical work must be done by a qualified installer.
- 3. Before installing or using the remote panel, read all instructions and cautionary markings located in the manual, on the Freedom unit, and on the batteries.
- 4. Do not expose the remote panel to rain, snow or liquids of any type. This product is designed for indoor mounting only.
- 5. Use insulated tools to reduce the chance of short-circuits when installing or working with the inverter/charger, or the batteries.
- 6. Remove all jewelry such as rings, bracelets, necklaces, etc., while installing this system. This will greatly reduce the chance of accidental exposure to live circuits.
- 7. The Freedom SW Inverter/Charger contains more than one live circuit (batteries and AC power). Power may be present at more than one source.
- 8. The remote panel contains no user-serviceable parts. Do not attempt to repair this unit.

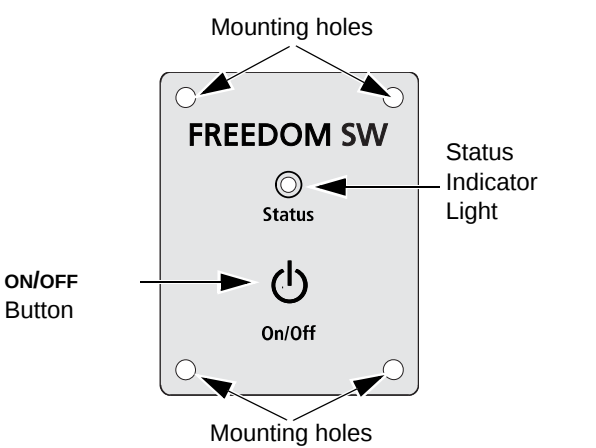
Failure to follow these safety guidelines may cause personal injury and/or damage to the remote panel. It may also void your product warranty.

Specifications

Note: Specifications are subject to change without notice.

Operating Temp	0 to 50 °C (32 °F to 122 °F)
Dimensions (W×H×D)	2 × 2.5 × 1.38 in. (50.8 × 63.5 × 35.2 mm)
Weight	0.125 lb. (0.05 kg)

Features

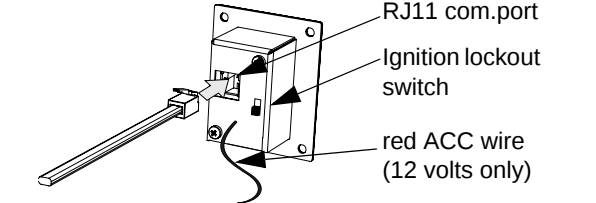


Mounting the Freedom Remote Panel

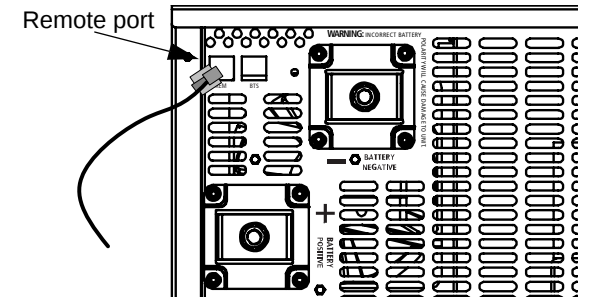
Mount the remote panel in a clean, dry environment.

To install the remote panel:

- 1. Choose a location that is dry, free from corrosive or explosive fumes, and appropriate for installing an electronic device.
- 2. Using the mounting template (provided), pilot-drill the mounting holes. Cut an opening about 2×1.2 in. (50.8×30.5 mm) and 1.4 in. (35 mm) deep.
- 3. Route the communications cable inside the wall and through the opening to the Freedom unit.
- 4. Connect the communications cable to the RJ11 Com Port on the back of the remote panel.
- 5. Select whether to enable or disable the Ignition Lockout feature using the Ignition Lockout switch.



- 6. If you enable the Ignition Lockout feature, connect the remote’s red ACC wire to the vehicle’s ACC wire (12-volt connection only). Consult your vehicle’s Owner’s Manual for information.
- 7. Position the remote into the opening in the wall and secure it with the four screws (provided).
- 8. Make sure to switch the inverter OFF.
- 9. Plug the communications cable into the remote port (REM) on the Freedom unit.



Startup and Test

To Start up and Test the Freedom Remote Panel:

- 1. Turn the inverter ON using the Freedom unit’s Inverter Enable ON switch button on its front panel.
- 2. Verify the POWER indicator light on the unit and the status indicator light on the remote are ON.
- 3. Press the ON/OFF button on the remote panel to turn the inverter OFF.
- 4. Press the ON/OFF button again to restore power.

Operation

When the remote panel is used with the Freedom SW Inverter/Charger the status indicator light will display the following:

- **Solid (green light is on):** Normal operation. This means the inverter is enabled/on.
- **None (green light is off):** It means the inverter is disabled/off.

To test the Ignition Lockout feature (when enabled):

- 1. Turn your vehicle’s ignition switch to the ACC position. Consult your vehicle’s Owner’s Manual for information.
- 2. Proceed with the “Startup and Test” procedure above.

Note: If the vehicle’s ignition switch is OFF or if the red ACC wire is not connected properly, the inverter will not turn ON even after performing the “Startup and Test” procedure above.

Warranty

What does this warranty cover and how long does it last?
This Limited Warranty is provided by Xantrex Technology Inc. ("Xantrex") and covers defects in workmanship and materials in your Freedom Remote Panel. This warranty period lasts for 2 years from the date of purchase at the point of sale to you, the original end user customer, unless otherwise agreed in writing (the “Warranty Period”). You will be required to demonstrate proof of purchase to make warranty claims.

This Limited Warranty is transferable to subsequent owners but only for the unexpired portion of the Warranty Period. Subsequent owners also require original proof of purchase as described in "What proof of purchase is required?"

What will Xantrex do? During the Warranty Period Xantrex will, at its option, repair the product (if economically feasible) or replace the defective product free of charge, provided that you notify Xantrex of the product defect within the Warranty Period, and provided that Xantrex through inspection establishes the existence of such a defect and that it is covered by this Limited Warranty.

Xantrex will, at its option, use new and/or reconditioned parts in performing warranty repair and building replacement products. Xantrex reserves the right to use parts or products of original or improved design in the repair or replacement. If Xantrex repairs or replaces a product, its warranty continues for the remaining portion of the original Warranty Period or 90 days from the date of the return shipment to the customer, whichever is greater. All replaced products and all parts removed from repaired products become the property of Xantrex.

Xantrex covers both parts and labor necessary to repair the product, and return shipment to the customer via a Xantrex-selected non-expedited surface freight within the contiguous United States and Canada. Alaska, Hawaii and outside of the United States and Canada are excluded. Contact Xantrex Customer Service for details on freight policy for return shipments from excluded areas.

How do you get service? If your product requires troubleshooting or warranty service, contact your merchant. If you are unable to contact your merchant, or the merchant is unable to provide service, contact Xantrex directly at:

Phone: 1 800 670 0707 (toll free North America)
1 408 987 6030 (direct)
Email: customerservice@xantrex.com
Web: www.xantrex.com/support

Direct returns may be performed according to the Xantrex Return Material Authorization Policy described in your product manual. For some products, Xantrex maintains a network of regional Authorized Service Centers. Call Xantrex or check our website to see if your product can be repaired at one of these facilities. **What proof of purchase is required?** In any warranty claim, dated proof of purchase must accompany the product and the product must not have been disassembled or modified without prior written authorization by Xantrex.

Proof of purchase may be in any one of the following forms:

- The dated purchase receipt from the original purchase of the product at point of sale to the end user; or
- The dated dealer invoice or purchase receipt showing original equipment manufacturer (OEM) status; or
- The dated invoice or purchase receipt showing the product exchanged under warranty.

What does this warranty not cover? Claims are limited to repair and replacement, or if in Xantrex's discretion that is not possible, reimbursement up to the purchase price paid for the product. Xantrex will be liable to you only for direct damages suffered by you and only up to a maximum amount equal to the purchase price of the product.

This Limited Warranty does not warrant uninterrupted or error-free operation of the product or cover normal wear and tear of the product or costs related to the removal, installation, or troubleshooting of the customer's electrical systems. This warranty does not apply to and Xantrex will not be responsible for any defect in or damage to:

- a) the product if it has been misused, neglected, improperly installed, physically damaged or altered, either internally or externally, or damaged from improper use or use in an unsuitable environment;
- b) the product if it has been subjected to fire, water, generalized corrosion, biological infestations, or input voltage that creates operating conditions beyond the maximum or minimum limits listed in the Xantrex product specifications including but not limited to high input voltage from generators and lightning strikes;
- c) the product if repairs have been done to it other than by Xantrex or its authorized service centers (hereafter "ASCs");
- d) the product if it is used as a component part of a product expressly warranted by another manufacturer;
- e) component parts or monitoring systems supplied by you or purchased by Xantrex at your direction for incorporation into the product;
- f) the product if its original identification (trade-mark, serial number) markings have been defaced, altered, or removed;
- g) the product if it is located outside of the country where it was purchased; and
- h) any consequential losses that are attributable to the product losing power whether by product malfunction, installation error or misuse.

Disclaimer
Product

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IN NO EVENT WILL XANTREX BE LIABLE FOR: (a) ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, LOST REVENUES, FAILURE TO REALIZE EXPECTED SAVINGS, OR OTHER COMMERCIAL OR ECONOMIC LOSSES OF ANY KIND, EVEN IF XANTREX HAS BEEN ADVISED, OR HAD REASON TO KNOW, OF THE POSSIBILITY OF SUCH DAMAGE; (b) ANY LIABILITY ARISING IN TORT, WHETHER OR NOT ARISING OUT OF XANTREX'S

NEGLIGENCE, AND ALL LOSSES OR DAMAGES TO ANY PROPERTY OR FOR ANY PERSONAL INJURY OR ECONOMIC LOSS OR DAMAGE CAUSED BY THE CONNECTION OF A PRODUCT TO ANY OTHER DEVICE OR SYSTEM; AND (c) ANY DAMAGE OR INJURY ARISING FROM OR AS A RESULT OF MISUSE OR ABUSE, OR THE INCORRECT INSTALLATION, INTEGRATION OR OPERATION OF THE PRODUCT BY PERSONS NOT AUTHORIZED BY XANTREX.

Exclusions

If this product is a consumer product, federal law does not allow an exclusion of implied warranties. To the extent you are entitled to implied warranties under federal law, to the extent permitted by applicable law they are limited to the duration of this Limited Warranty. Some states, provinces and jurisdictions do not allow limitations or exclusions on implied warranties or on the duration of an implied warranty or on the limitation or exclusion of incidental or consequential damages, so the above limitation(s) or exclusion(s) may not apply to you. This Limited Warranty gives you specific legal rights. You may have other rights which may vary from state to state, province to province or jurisdiction to jurisdiction.

Return Material Authorization Policy

For those products that are not being repaired in the field and are being returned to Xantrex, before returning a product directly to Xantrex you must obtain a Return Material Authorization (RMA) number and the correct factory "Ship To" address. Products must also be shipped prepaid. Product shipments will be refused and returned at your expense if they are unauthorized, returned without an RMA number clearly marked on the outside of the shipping box, if they are shipped collect, or if they are shipped to the wrong location.

When you contact Xantrex to obtain service, please have your instruction manual ready for reference and be prepared to supply:

- The serial number of your product
- Information about the installation and use of the unit
- Information about the failure and/or reason for the return
- A copy of your dated proof of purchase

Return Procedure

Package the unit safely, preferably using the original box and packing materials. Please ensure that your product is shipped fully insured in the original packaging or equivalent. This warranty will not apply where the product is damaged due to improper packaging.

Include the following:

- The RMA number supplied by Xantrex Technology Inc. clearly marked on the outside of the box.
- A return address where the unit can be shipped. Post office boxes are not acceptable.
- A contact telephone number where you can be reached during work hours.
- A brief description of the problem.

Ship the unit prepaid to the address provided by your Xantrex customer service representative.

If you are returning a product from outside of the USA or Canada In addition to the above, you MUST include return freight funds and are fully responsible for all documents, duties, tariffs, and deposits.

If you are returning a product to a Xantrex Authorized Service Center (ASC) A Xantrex return material authorization (RMA) number is not required. However, you must contact the ASC prior to returning the product or presenting the unit to verify any return procedures that may apply to that particular facility and that the ASC repairs this particular Xantrex product.

Out of Warranty Service

If the warranty period for your product has expired, if the unit was damaged by misuse or incorrect installation, if other conditions of the warranty have not been met, or if no dated proof of purchase is available, your unit may be serviced or replaced for a flat fee.

To return your product for out of warranty service, contact Xantrex Customer Service for a Return Material Authorization (RMA) number and follow the other steps outlined in "Return Procedure".

Payment options such as credit card or money order will be explained by the Customer Service Representative. In cases where the minimum flat fee does not apply, as with incomplete units or units with excessive damage, an additional fee will be charged. If applicable, you will be contacted by Customer Service once your unit has been received.



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Follow proper safety practices. If in doubt, consult a professional RV technician.