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 and off in a more convenient location. The remote panel also has the ability to enable/disable the Ignition Lockout feature of the Freedom Inverter. When this feature is enabled, the Freedom Inverter will shut down if the vehicle’s ignition is off (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

Mistakes or incorrectly connecting the remote panel may damage the equipment or create hazardous situations. Carefully study this installation and provided instructions and pay special attention to all Caution and Warning statements in your Freedom SW Inverter Owner’s Guide.

Caution:

1. All electrical work must be done in accordance with local, national, and/or international electrical codes. All electrical work must be done by a qualified installer.
2. All electrical work must be done by a qualified installer. A qualified installer is familiar with the equipment; installation and wiring codes; and/or other instructions you have been furnished.
3. Follow the instructions and pay special attention to all Caution and Warning information.
4. Power may be present at more than one source.
5. The Freedom SW Inverter/Charger contains more electronic devices. This may result in improper operation of the remote panel.
6. If you enable the Ignition Lockout feature, connect the remote panel to your vehicle’s ACC (auxiliary) connection, not to the auxiliary power supply (if such a connection exists in your vehicle).
7. Remove all jewelry such as rings, bracelets, watches, and any electronic device.

WARNING:

The Freedom Remote Panel (remote panel) can be used as an ignition key lockout device. To use the remote panel as an ignition lockout, refer to the installation instructions and Caution and Warning statements in your Freedom SW Inverter Owner’s Guide.

Specifications

Note: Specifications are subject to change without notice.

Operating Temp: 0°F to 105°F (-18°C to 40°C)
Dimensions: 2.25 x 1.38 in. (58.0 x 35.2 mm)
Weight: 0.125 lb. (0.05 kg)

Features

Mounting the Freedom Remote Panel

Mount the remote panel in a dry, clean 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 x 1.2 in. (50.8 x 30.5 mm) and 1.5 in. (35 mm) deep.
3. Route the communications cable inside the wall and through the opening to the Freedom unit.
4. Install the remote panel and red ACC wire securely in the wall and through the opening to the Freedom unit.
5. Select whether to enable or disable the Ignition Lockout feature using the Ignition Lockout switch.

Startup and Test

To start up and test the Freedom SW Inverter:

1. Turn the inverter on using the Freedom unit’s Inverter Enable ON switch button on its front panel.
2. Verify that the power indicator light on the remote panel is ON.
3. Press the ON/OFF button on the remote panel to turn the inverter on.
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): 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 and install your vehicle’s Owner’s Manual for information.
2. Follow the “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

This Limited Warranty is valid for one (1) year from the date of manufacture or the point of sale, the original end user, unless otherwise agreed in writing by Xantrex, in which case it is valid for the period specified in writing.

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 manufacture or the point of sale to the original end user, unless otherwise agreed in writing by Xantrex, in which case it is valid for the period specified in writing.

What type of repairs or replacements are made under warranty?

Xantrex reserves the right to use parts or products of original or equivalent quality, as determined by Xantrex or its authorized service centers (hereafter “ASCs”).

What happens if you don’t have the original purchase receipt?

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

• A contact telephone number where you can be reached during work hours.
• A copy of your dated proof of purchase.

If you don’t have the original purchase receipt, you can purchase a replacement receipt for an additional charge. The replacement receipt will include the following:

• A contact telephone number where you can be reached during work hours.
• A copy of your dated proof of purchase.

If yourFreedom Remote Panel is being returned to Xantrex for repair, replacement, or service, include the following:

• The product exchanged under warranty.
• A contact telephone number where you can be reached during work hours.
• A copy of your dated proof of purchase.

Return Material Authorization Policy

For those products that are not being repaired in the field and are being returned to Xantrex, a Return Material Authorization (RMA) number is required. Products returned without prior written authorization by Xantrex will not be processed.

1. If you are returning a product from outside the USA or Canada, you must purchase a Return Material Authorization (RMA) number and follow the other steps outlined in “Return Procedures”.

2. If you are returning a product to a Xantrex Authorized Service Center (ASC), a Xantrex Authorized Service Center (ASC) will issue you a Return Material Authorization (RMA) number.

3. If you are returning a product to a Xantrex Authorized Service Center (ASC) outside the USA or Canada, you must purchase a Return Material Authorization (RMA) number and follow the other steps outlined in “Return Procedures”.

4. If you are returning a product to an Xantrex Authorized Service Center (ASC) in the USA or Canada, you must purchase a Return Material Authorization (RMA) number.

5. If you are returning a product to a Xantrex Authorized Service Center (ASC) in the USA or Canada, you must purchase a Return Material Authorization (RMA) number and follow the other steps outlined in “Return Procedures”.

If you return your product to an Xantrex Authorized Service Center (ASC) and the product is determined to be non-defective, your unit will be returned to you at our expense. If the product is determined to be defective, you may be responsible for the repair charges.

6. If your product is returned as a result of a recall or a product safety concern, Xantrex may charge you for the repair charges.