Introduction
Thank you for purchasing the Freedom X Remote Panel. This user guide will help you install and use the remote panel to operate and configure the Freedom X and XC series remotely.

What's In The Box
Check that you have the following items in the box before proceeding:
- the Freedom X remote panel unit
- user guide and mounting template
- 25-ft. 6-conductor cable kit (808-0817-02 unit only)

Features Status LED Indicators LCD Screen

Function buttons

Status LED Indicators
- Indicates grid mode in which shore power is available and passing through to the loads and charging the battery.
- Indicates battery mode (inverter mode) in which the inverter is running and supplying power to the loads from the battery.
- Indicates error or fault mode and is accompanied by an error code displayed on the LCD screen.
- Indicates a warning condition and is accompanied by an error code and a sounding alarm.

LCD Screen
- AC input and output indicator.
- The wrench icon underneath a number is displayed during configuration mode.
- An error event with its corresponding number is displayed here.
- A warning event with its corresponding number is displayed here.
- The battery icon indicates remaining battery power. One bar = 1-25%, two bars = 25-50%, three bars = 50-75%, and four bars = 75-100%.
- Shows an AC output overload condition.

Function Buttons
- CLICK to return to default screen or exit setting mode
- A next screen or next selection
- OK to enter the setting mode or to confirm the setting
- turns the inverter unit on or standby

NOTE: Briefly pressing any function button activates backlight illumination. After 60 seconds of inactivity, backlight illumination turns off.
Viewing Information During Battery Mode

Press scroll [ ] to move to the next screen. Press [ESC] to return to the home screen.  

1. Battery voltage = 12.5V, AC load = 1.2kW  
2. Output voltage = 120V, output frequency = 60Hz  
3. Input voltage = 120V, input frequency = 60Hz

NOTE: Screen 3 appears only when AC qualification is pending.

Viewing Information During Grid Mode

Press scroll [ ] to move to the next screen. Press [ESC] to return to the home screen.  

1. Battery voltage = 12.5V, charging = no charging  
2. Input current = 15.6A, load current = 6.8A  
3. Input voltage = 120V, input frequency = 60Hz

NOTE: Screen 2 appears only in Freedom XC units. Greyed out icons also appear only in Freedom XC units.

Adjusting Feature Settings

1. Press and hold the [OK] button for three seconds to enter the feature settings mode.  
2. Press the scroll [ ] button to move through the different feature settings.  
3. Press the [OK] button to select a setting number and change its value.  
4. Press the scroll [ ] button to change the value until you reach the desired value.  
5. Press the [OK] button to confirm the change.  
6. Repeat previous steps to set other feature settings.  
7. Press [ESC] to exit the feature settings mode.  

NOTE: It may take a minute for the settings to take effect on the inverter unit.

Contact Information

http://www.xantrex.com

Please contact your Xantrex Sales Representative or visit the Xantrex website at:

http://www.xantrex.com/power-products-support/
Creating a Bluetooth Link with the Freedom X Remote Panel App

1. Download and install the FXC Control app into a compatible Android or iOS smart device.

2. Turn on the Bluetooth enabled Freedom X Remote Panel by using the ON/OFF button on either its own front panel or the connected inverter’s front panel.

3. Launch the FXC Control app on your smart device.

4. Turn on the smart device’s Bluetooth through the Bluetooth toggle on the app. The app should now indicate that it is searching for devices.

5. On the Freedom X Remote Panel, press and hold the ESC button to enable Bluetooth pairing on the remote. Remote pairing can be observed by the two flashing horizontal lines underneath the left and right numbers.

6. When the app has detected the Bluetooth signal, it will display the connected inverter’s serial number in the app. Click on the serial number to complete the pairing process.

7. To stop the Bluetooth connection, disable the smart device’s Bluetooth connectivity.

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Installing the Remote Panel Unit on the Wall

1. Place the template on the wall.

2. Mark the corners (or trace the dotted lines) of the recess outline on the wall.

3. Mark the two mounting holes for the two screws on the wall.

4. Remove the template from the wall.

5. Cut along the recess outline on the wall to make a hole for the remote panel’s body.

6. Pre-drill the mounting holes appropriate to the mounting screws (not provided) that will be used.

7. Connect the 6-conductor com cable to the RJ12 ports on the inverter and remote panel.

8. Mount the remote panel unit on the wall.

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NOTE: Ensure the inside wall is free of obstructions, such as pipes, insulation, and electrical wiring. Ensure the recess depth is more than 50 mm.
Installing the Freedom X Remote Panel with a Wall Mount Adaptor

The Freedom X Remote Panel Wall Mount Adaptor (PN: 808-0819) allows the installation of the Freedom X Remote Panel onto an adaptor bezel which then fits over the existing wall panel opening of a Freedom 458 Basic Remote Panel.

1. Unmount the Freedom 458 Basic Remote Panel from the wall by removing the four screws securing it to the wall. Set aside the four screws.

2. Detach the six-conductor telephone cable from the Freedom 458 Basic Remote Panel.

3. Install the Freedom X Remote Panel Wall Adaptor to the wall at the outer corners with the four screws in step 1. Alternatively, use optional counter-sink screws, if needed.

4. Take the Freedom X Remote Panel and attach the six-conductor telephone cable from the wall opening.

5. Mount the Freedom X Remote Panel to the Freedom X Remote Panel Wall Adaptor securing it with the two supplied mounting screws.

6. Complete the inverter installation and start up procedure in the Freedom X/XC Owner's Guide.