

Xantrex Gateway Quickstart Guide

Model Number/s: 808-1888



⚠️ DANGER

HAZARD OF FIRE, ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH

This Xantrex Gateway Quickstart Guide is in addition to, and incorporates by reference, the relevant product manuals for each product in the power system. After reviewing this guide you must read the relevant product manuals. Unless specified, information on safety, specifications, installation, and operation is as shown in the primary documentation received with the product. Ensure you are familiar with that information before proceeding.

Failure to follow these instructions will result in death or serious injury.

Exclusion for Documentation

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NOTE: Visit <https://xantrex.com/support/get-customer-support/>, click Products, select a Product category, select a Product, and search the Product Documents panel for a translation of the English guide, if available.

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Contains:

FCC ID: 2ABCB-RP14B

IC: 20953-RP14B



NOTE: For other information not covered in this Quickstart Guide, use the QR code above to access the Owner's Guide online.

Product Safety Information

NOTICE

RISK OF ELECTRIC SHOCK AND EQUIPMENT DAMAGE

- Connect communication circuits only to Safety Power Source Class 1 (PS1) circuits. This device connects to a 9-58VDC battery source through the two-pin battery terminal (see *Getting Started*).
- Do not expose the Xantrex Gateway to rain, snow, spray, or bilge water. For indoor use only.
- Do not disassemble. No user serviceable parts inside.
- Do not install and/or operate in compartments containing flammable materials or in locations that require ignition-protected equipment.

Failure to follow these instructions may result in injury or equipment damage.

EMI Information

This device complies with part 15 of the FCC Rules and contains a licence-exempt transmitter that complies with ISED Canada's licence-exempt RSS Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

⚠️ CAUTION

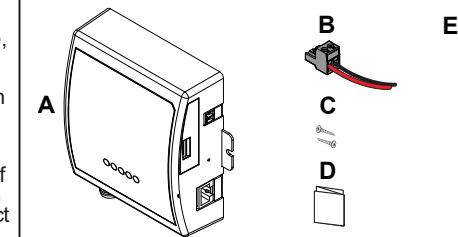
Unauthorized changes or modifications to the equipment could void the user's authority to operate the equipment.

End of Life Disposal

The Xantrex Gateway is designed with environmental awareness and sustainability in mind. At the end of its useful life, the Xantrex Gateway can be decommissioned and disassembled. Components which can be recycled must be recycled and those that cannot be recycled must be disposed of according to local, regional, or national environmental regulations.

Many of the electrical components used in the Xantrex Gateway are made of recyclable material like steel, copper, aluminum, and other alloys. These materials can be auctioned off to traditional scrap metal recycling companies who resell reusable scraps. Electronic equipment such as the circuit boards, connectors, and fuses can be broken down and recycled by specialized recycling companies whose goal is to avoid having these components end up in the landfill. For more information on disposal, contact Xantrex.

Material List

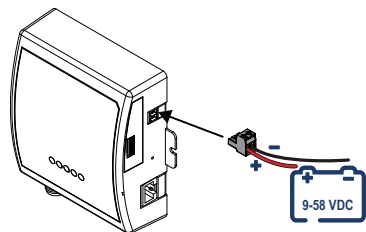


NOTE: If any of the items are missing, contact Xantrex or any authorized Xantrex dealer for replacement.

A	Xantrex Gateway
B	Power supply 2-pin connector with pigtail, 14–28 AWG (0.2–1.5 mm ²)
C	2x mounting screws 6-20½" (or equivalent)
D	Quickstart guide
E*	Optional Accessories
	PN: 808-0890 Gateway Touchscreen
	PN: 808-1889 Cable RV-C 4-pin to RJ45: XGW to CAN Hub
	PN: 808-1890 Cable Modbus RJ45 to 4-pin Inline: XGW to MPPT
	PN: 808-1892 Cable RV-C 20-pin to RJ45: XGW to FXC

Getting Started

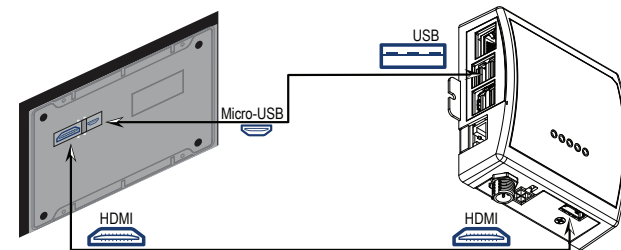
- Connect the power supply to the power source and to the Xantrex Gateway as shown below.



- Choose from one of two ways to interface with the Xantrex Gateway device. Connect:
 - Using the Gateway Touchscreen (optional) or by
 - Using your smart device.

a. Using the Gateway Touchscreen (optional)

- Connect the cables (from the Gateway Touchscreen package).



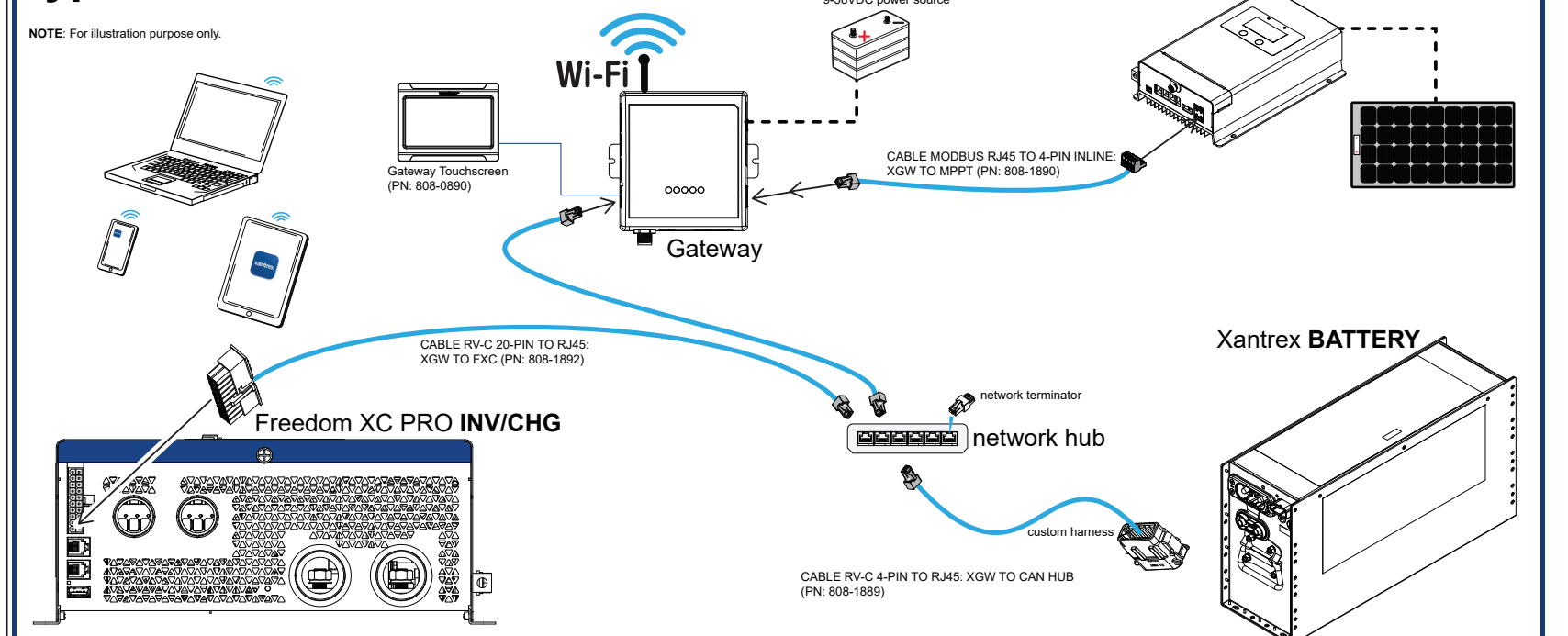
- Follow the instructions on the Gateway Touchscreen until you reach the System page below.



TIP: See similar instructions in steps 5 and 7 on the reverse page.

Typical Network

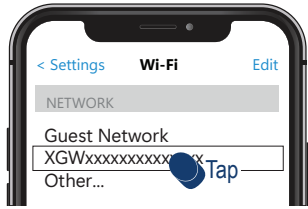
NOTE: For illustration purpose only.



b. Using your smart device

NOTE: The smart device shown here as an example is an iPhone. Your smart device may show a slightly different but similar interface. Smart devices include smartphones and tablets.

- Go to your smart device's **Wi-Fi** settings.
- Tap on **XGWxxxxxxxxxxxxx** to connect to your Gateway's Wi-Fi Network, where xxxxxxxxxxxxxx is the Gateway's serial number.



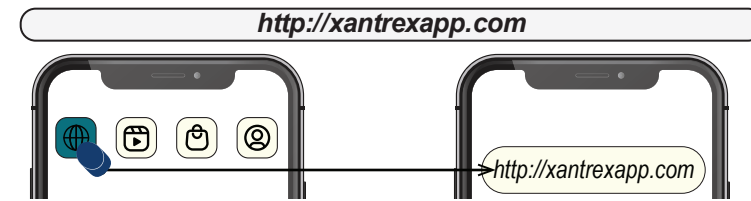
- Enter the default password **12345678** and tap **Join**.

NOTE: You may see a notice that there is no internet connection. Ignore the notice and proceed to connect. This notice is a different issue from other scenarios listed in TIPS.

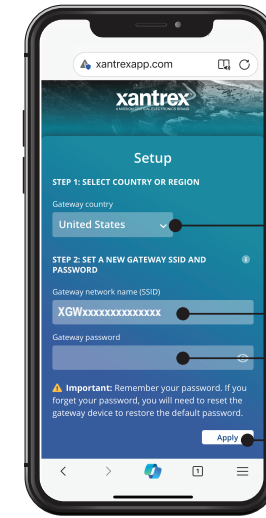
NOTE: On the iPhone, you may see "No Internet Connection" under the Gateway SSID (example below). Android smartphones may display a "No Internet Connection" prompt instead. See TIPS for guidelines.



- Open any web browser on your smart device and enter the following URL:



- Follow the instructions step by step on the Setup page.



STEP 1
By default this is set to **United States**. Change it accordingly.

STEP 2
By default the **Gateway network name (SSID)** will remain the same. You have the option to change and customize.

In order to secure your Gateway from unauthorized access, change the **Gateway password** following the guidelines.

- Letters
- Numbers
- Up to eight (8) characters
- NO special characters

TAP **Apply** to save the new settings.

TIPS: If you encounter any network problems, follow the guidelines below, go back to your smart device's settings and start over.

- If the browser cannot find *xantrexapp.com*, temporarily disable your Cellular Data while keeping Wi-Fi enabled.
- If you are using an iPhone, be sure to disable the Private Relay setting.
- If you are using VPN apps, disable them temporarily.

- After tapping **Apply**, while the new settings are being applied, reconnect to the Gateway's **Wi-Fi Network** using the new SSID and password. You may see a Reloading page shortly after tapping.

IMPORTANT: To reconnect, you must switch back to your smart device's **Wi-Fi** settings page. On the iPhone, swipe up from the bottom and then select the Wi-Fi settings page.

From the Wi-Fi settings page, follow the taps below.



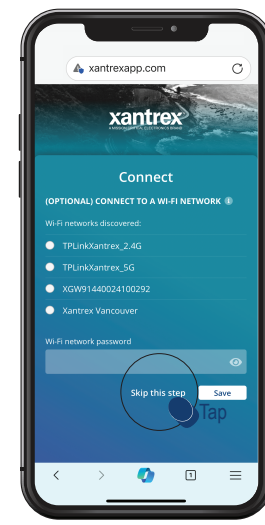
Tap the same or the newly changed **Gateway SSID**.

Enter the new **Gateway password**.

Tap to access the Gateway using the new credentials.

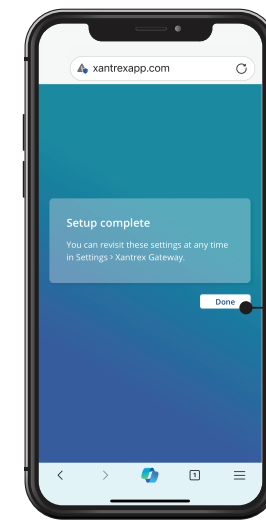
Switch back to the browser and tap **Continue**.

- Skip the Connect page by tapping **Skip this step**.



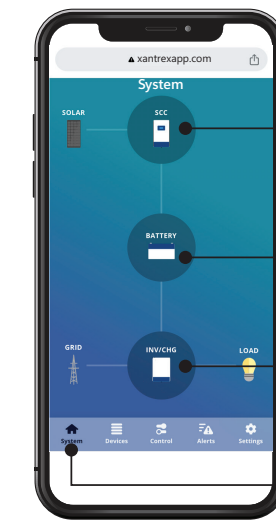
NOTE: The Connect page allows you to set a channel to the internet through a local Wi-Fi network.

- Gateway Setup is complete.



TAP **DONE** to finish the Gateway setup.

- After tapping **DONE**, the System page appears below.



If you have devices communicating with the Gateway, you may tap any of the device rings to go to the Device Status page.

System

- See the System page in landscape.



Tap **Devices** to show details of every connected device to the Gateway.

Tap **Settings** to show and modify Gateway detailed settings.

Tap **Control** for quick and easy access to important settings for each device.

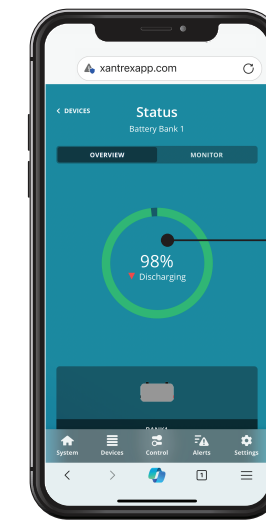
Tap **Alerts** to show errors and warnings detected on the connected devices.

Examples of Device Status Pages



If you have a Solar Charge Controller device connected, it will show up as **SCC**.

This area here shows all devices connected to the SCC device.



A connected Xantrex 884-series battery will display the state-of-charge (SoC) and whether the battery is charging or discharging.



If you have a Xantrex inverter/charger device connected, it will show up as **INV/CHG**.

This area here shows all devices connected to the inverter/charger.