Xantrex™ XW System Control Panel
865-1050

Quickstart Guide

Important Safety Instructions
SAVE THESE INSTRUCTIONS
This sheet contains important safety and operating instructions. Before using thie Schneider Electric Xantrex XW System Control panel, be sure to read, understand, and save these instructions.

Note: The full Owner's Guide in your language is available for download at www.schneider-electric.com.

General Precautions
1. Before installing and using this device, read all appropriate sections of this guide and any cautionary markings on the System Control Panel and the devices to which it connects.
2. If the System Control Panel has been damaged, see the Warranty card.
3. Do not dismantle the System Control Panel; it contains no user- serviceable parts. See the Warranty card for instructions on obtaining service.
4. Protect the System Control Panel from rain, snow, spray, and water.

Explosive Gas Precautions
⚠ **WARNING: Explosion hazard**

This equipment is not ignition protected. To prevent fire or explosion, do not install this product in locations that require ignition-protected equipment. This includes any space containing gasoline-powered machinery, fuel tanks, as well as joints, fittings, or other connections between components of the fuel system.

Introduction

The Xantrex XW System Control Panel (Xantrex XW SCP) provides configuration and monitoring capability for a Xantrex XW Power System. The Xantrex XW SCP monitors activity throughout your power system, displays the settings and status of each Xantrex Xanbus™-enabled device, and enables you to adjust settings for each Xantrex Xanbus-enabled device.
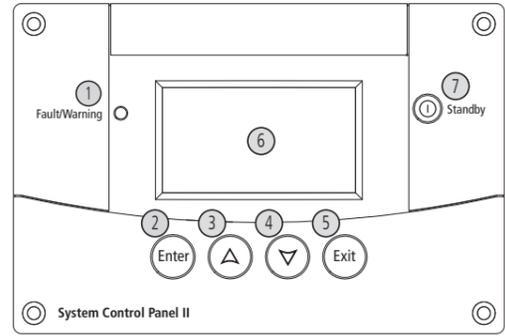
1. Fault/Warning light indicates a device has a fault or warning condition and requires attention. The light flashes when a warning occurs, and turns on steadily when a fault occurs.
2. Enter button confirms selection of a menu item or displays the next screen.
3. Up arrow button scrolls upwards through screen text or increases a selected value.
4. Down arrow button scrolls downwards through screen text or decreases a selected value.
5. Exit button cancels selection of a menu item or displays the previous screen.
6. Screen shows menus, settings, and system information.
7. Standby button disables inverting and charging on all inverter/chargers in the system when pressed for one to two seconds. To enable inverting and charging, press the Standby button again.

Installation

Mounting

The Xantrex XW SCP can be mounted three ways:
1. Flush mounted through an opening in a wall using the mounting plate
2. Surface mounted using the mounting bracket
3. Flush mounted through an opening in a wall and secured with four screws.
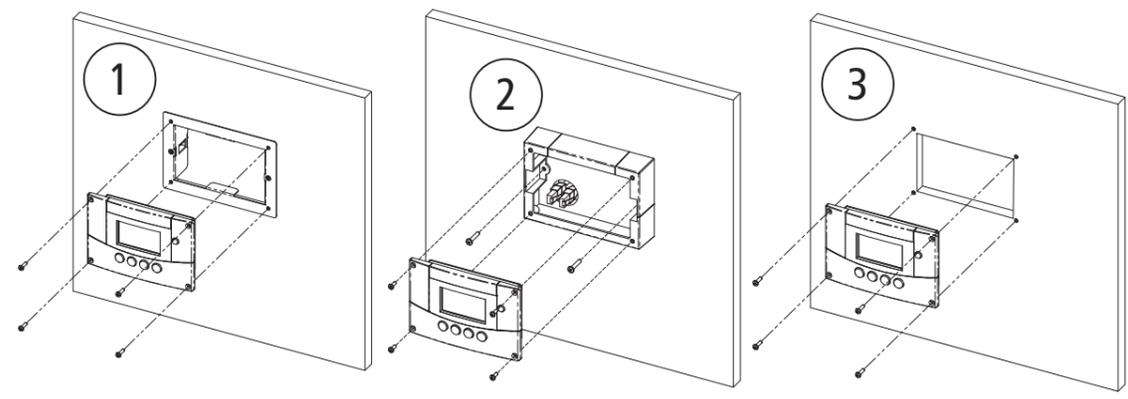
Xantrex Xanbus Connections

To connect the Xantrex XW SCP to the Xantrex Xanbus network, plug a Xantrex Xanbus network cable (standard straight-through Ethernet cable—CAT 5e) into one of the network ports on the back panel of the Xantrex XW SCP. Connect the other end of that same cable to the next Xantrex Xanbus-enabled device in the chain. Depending on the layout of the Xantrex Xanbus system, the following options are available for the other network port on the Xantrex XW SCP:
- A second network cable to another device in the chain.
- A network terminator (when the XW SCP is the last device at one end of the network).
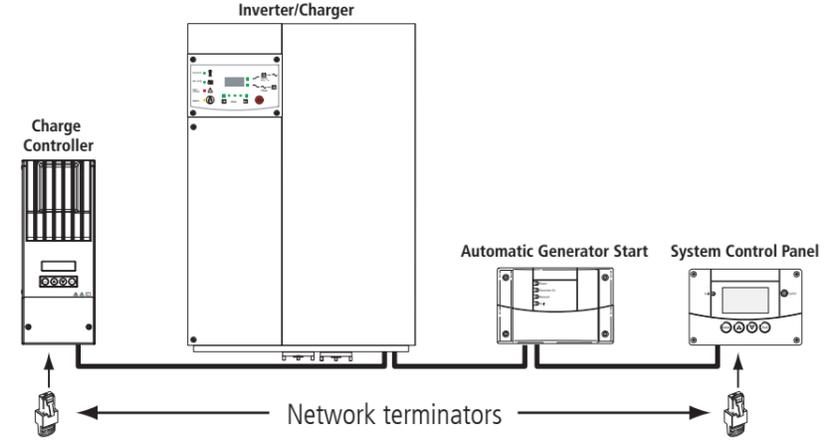
System Control Panel Screens and Menus
The top level screens on the System Control Panel are the Startup screen, the System Status screen and the Device Home screens. After power is applied and the Startup screen appears, the System Control Panel displays the System Status screen. The Device Home screens can be viewed by pressing the up and down arrow buttons,

Startup screen — Appears for a few seconds after the system starts up or when the system has been reset.

System Status screen — Press Enter to view the Select Device menu.

Select Device menu — Select a device from the list and press Enter to view the Device Setup menu.

XW Inverter/Charger Home screen (XW6048:Home)

Device 2 Home screen (Device 2:Home)

Press Enter from a Device Home screen to view the Device Setup menu. Press Exit from a Device Home screen to return to the System Status screen.

Device 3 Home screen (Device 3:Home)

The number of Home screens depends on the number of Xantrex Xanbus-enabled devices installed in the system.

Device n Home screen (Device n:Home)

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System Control Panel Configuration Menus

You can configure the System Control Panel to suit your preferences and the requirements of the Xantrex Xanbus™ system. Some settings, such as the system time, affect the entire system. Other settings affect only the System Control Panel, such as the brightness of the display.

You can perform all these tasks on the SCP Setup menu, the Clock menu, and the System Settings menu.

```
         ◎                              ◎

              ┌──────────────────────┐
              │  SCP: Setup          │
Fault/Warning │  Brightness    [70%] │        Standby
      ○       │  Contrast      [60%] │   ⏻
              │  Button Beep   [Off] │
              │  Name          [SCP] │
              └──────────────────────┘


           (Enter)  (△)  (▽)  (Exit)

         ◎                              ◎
```
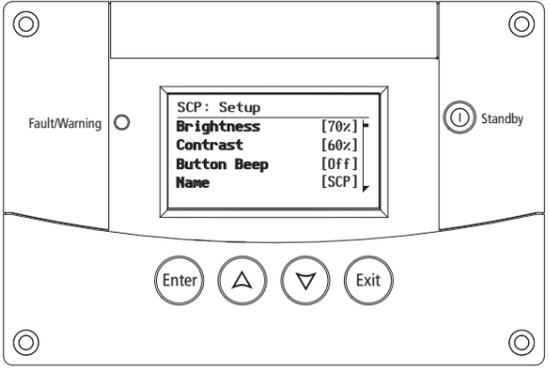
SCP Setup Menu

Configuring the System Control Panel is done on the SCP Setup menu, which you can view in either basic or advanced formats. To view Advanced Settings, from the XW SCP Setup menu, press Enter, Up arrow, and Down arrow buttons simultaneously.

Basic Menu

```
SCP: Setup
─────────────────────────
Brightness          [60%]
Contrast            [60%]
Button Beep         [Off]
Name                [SCP]
Clear Faults Warnings
```

Advanced Menu

```
SCP: Setup
─────────────────────────────
Brightness            [60%]
Contrast              [60%]
Light Timer         [2mins]
Button Beep           [Off]
Fault Alarm           [Off]
LoBatt Alarm          [Off]
Set Degrees    [Fahrenheit]
Name                  [SCP]
Clear Faults Warnings
View Fault Log
View Warning Log
View Event Log
Restore Defaults
```

Clock Menu

Use the Clock menu to set the clock, the date, and the time format you prefer.
The clock is listed as a separate device on the Select Device menu.

To view the Clock menu:
• On the Select Device menu, highlight Clock and press Enter.

```
Select Device                           Clock
─────────────────                       ─────────────────────────
XW6048 00                               Set Time        [2:55PM]
XW-MPPT60-150                  ──▶       Set Date      [Aug 08,07]
SCP                          (Enter)     12/24 Hour        [12hr]
Clock                                   Set Time Zone [GMT+0:00]
```
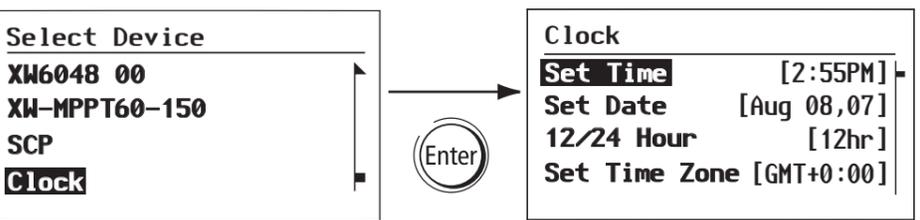
System Settings Menu

The System Settings menu displays information related to the operation of the entire Xantrex Xanbus™ system.

To view the System Settings menu:
• On the Select Device menu, highlight System Settings and press Enter.

```
Select Device                           System Settings
─────────────────                       ──────────────────────
System Settings              ──▶         Invert
XW6048 00                  (Enter)       AC Charge
XW-MPPT60-150                            System Mode
SCP                                      Cascading    [Enabled]
```
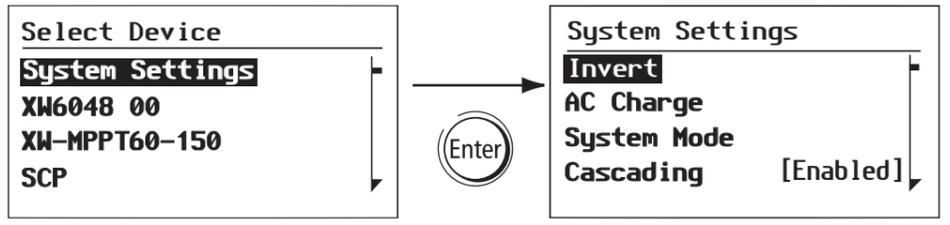
Complete System Settings Menu

```
SCP: Setup
──────────────────────────
Invert
AC Charge
System Mode
Cascading        [Enabled]
Connection Names
View Fault List
View Warning List
Clear All Flts/Wrns
View Device Info
```

Contact Information
www.schneider-electric.com
Please contact your local Schneider Electric Sales Representative or visit our website at:
http://www.schneider-electric.com/sites/corporate/en/support/operations/local-operations/local-operations.page

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