**Important Safety Information**

This Guide is intended for anyone who needs to operate, configure, and troubleshoot the Conext System Control Panel (SCP). Certain configuration tasks should only be performed by qualified personnel in consultation with your local utility and/or an authorized dealer. Electrical equipment, operated, serviced, and maintained only by qualified personnel. Servicing of batteries must only be performed or supervised by qualified personnel with knowledge of batteries and their required precautions.

Qualified personnel have training, knowledge, and experience in:
- Installing electrical equipment
- Applying applicable installation codes
- Analyzing and reducing the hazards involved in performing electrical work
- Installing and configuring batteries
- Selecting and using Personal Protective Equipment (PPE)

No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

**Before using the SCP, read all instructions and cautionary markings on the unit and all appropriate sections of this manual.**

- Use of accessories not recommended or the manufacturer may result in a risk of fire, electric shock, or injury to persons.
- The SCP is designed to be permanently connected to the Xanbus network. The manufacturer recommends that all wiring be done by a certified technician or electrician to ensure adherence to the local and national electrical codes applicable to your jurisdiction.
- To avoid a risk of fire and electric shock, make sure that existing wiring is in good condition and that wire is not undersized. Do not operate the SCP with damaged or substandard wiring.
- Do not operate the SCP if it has been damaged in any way.
- This unit does not have any user-serviceable parts. Do not disassemble the SCP except where noted for connecting wiring and cabling. See your warranty for instructions on obtaining service. Attempting to service the unit yourself may result in a risk of electrical shock or fire. Internal capacitors remain charged after all power is disconnected.
- To reduce the risk of electrical shock, disconnect connections from the SCP before attempting any maintenance or cleaning or working on any components connected to the SCP. Putting the unit in Standby mode will not reduce this risk.
- Do not expose this unit to rain, snow, or liquids of any type. This product is designed for indoor use only. Damp environments will significantly shorten the life of this product and corrosion caused by dampness will not be covered by the product warranty.
- To reduce the chance of short-circuits, always use insulated tools when installing or working with this equipment.
- Remove personal metal items such as rings, bracelets, necklaces, and watches when working with electrical equipment.

**WARNING**

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety instructions.

- **HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**
  - Batteries can present a risk of electric shock and high short-circuit current. The following precautions must be observed when working with batteries:
    - Remove watches, rings or other metal objects.
    - Do not lay tools or other metal parts on top of batteries.
    - Disconnect the charging source prior to connecting or disconnecting battery terminals.
    - Apply appropriate personal protective equipment (PPE) and follow safe electrical work practices. See NFPA 70E and/or CSA Z462.
- **HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR ARC FLASH**
  - Batteries present a risk of electric shock and high short-circuit current. The following precautions must be observed when working with batteries:
    - Remove watches, rings or other metal objects.
    - Use tools with insulated handles.
    - Wear protective glasses, gloves and boots.
    - Do not lay tools or other metal parts on top of batteries.
    - Disconnect the charging source prior to connecting or disconnecting battery terminals.

Exclusion for Documentation

UPLATES SPECIFICALLY AGREED TO IN WRITING, SELLER (A) DENIES ANY WARRANTY AS TO THE ACCURACY, SUITABILITY OR SATISFACTORY OF ANY TECHNICAL, OR OTHER INFORMATION PROVIDED IN ITS MANUALS OR OTHER DOCUMENTATION.

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**Materials List**

- Phillips head screwdriver
- Jigsaw or small keyhole saw
- Cable clamps or hardware fasteners
- Phillips head screws
- Power drill with 1/8" bit (optional)

**Using the System Control Panel – Basics**

- Selects a menu item
- Displays the next screen
- Scrolls up a line of text
- Increases a selected value
- Decreases a selected value
- Scrolls down a line of text
- Cancels selection of a menu item
- Displays the previous screen
- **Temporarily puts the unit in Standby mode. Disables inverting and charging on all inverter/chargers in the system when pressed for one to two seconds.**

**Contact Information**

Please contact your local Schneider Electric Sales Representative or visit the Schneider Electric website at: www.SESolar.com

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Conext System Control Panel Installation Guide

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0.5mm system
Connecting Xanbus Cables

1. Connect the Xanbus cable (or two Xanbus cables if the SCP is located between two Xanbus-enabled devices) to a Xanbus network input in the SCP.
2. Route and connect the cable(s) to the nearest Xanbus-enabled device(s).
3. For additional devices, continue connecting cable as described above.
4. Ensure the factory-supplied male network terminators are inserted into the empty inputs in the Xanbus-enabled devices at the beginning and end of the network. When the network is completely connected, there should be no empty network inputs in any Xanbus-enabled device.

Xanbus Network Layout

If the SCP is the last device on the network, the open port on the SCP must be terminated.

Wall Mounting the System Control Panel

1. Using the supplied template sticker as a guide, mark the locations for two mounting screws.
2. Press Enter to display the Clock menu with Set Time highlighted. Or, from the System Status screen, press Enter, highlight Clock, and then press Enter. Press Enter again with Set Time highlighted.
3. Press Enter to select the hour value. Use the up and down arrow buttons to change the hour, and then press Enter.
4. Repeat to set the minute value and the AM/PM value (if using the 12-hour clock).
5. Press Exit to return to the previous value, or press Exit several times to return to the previous screen.

Note: If a Conext ComBox is installed, the ComBox network time overrides the time settings on the SCP and other Conext devices.

For more information about configuring the Conext system using the SCP, see the Conext System Control Panel Owner’s Guide.

Important: To ensure communication signal quality, the network must be terminated at each end with a terminator.

Flush mount the SCP using the mounting plate

1. Using a jigsaw and the supplied template sticker as a guide, cut out the hole for the mounting plate. The mounting plate fastens to walls up to 19 mm thick.
2. Route the Xanbus cable(s) inside the wall and through the access hole.
3. Insert the mounting plate with the two tabs in a vertical position into the hole.
4. Secure the mounting plate. Tighten the two screws to rotate the tabs to the horizontal position and pull the tabs tight against the inner surface of the wall. Be careful not to overtighten the screws and damage the wall.
5. Connect the Xanbus cable(s) (and terminator if necessary) to either network input on the back of the SCP. Connect a network terminator to the SCP if it is the last device at the end of a daisy chain network layout.

Surface mount the SCP using the mounting bracket

1. From the clock setup Warning screen, press Enter to display the Clock menu with Set Time highlighted. Or, from the System Status screen, press Enter, highlight Clock, and then press Enter. Press Enter again with Set Time highlighted.
2. Press Enter to select the hour value. Use the up and down arrow buttons to change the hour, and then press Enter.
3. Repeat to set the minute value and the AM/PM value (if using the 12-hour clock).
4. Press Exit to return to the previous value, or press Exit several times to return to the previous screen.

Note: If a Conext ComBox is installed, the ComBox network time overrides the time settings on the SCP and other Conext devices.

For more information about configuring the Conext system using the SCP, see the Conext System Control Panel Owner’s Guide.

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