INSTALLATION & OPERATING INSTRUCTIONS

Southwire™

SURGE GUARD*
RV Power Protection

Model 40301
Remote Power Monitor
Bluetooth Display

Please read these instructions carefully.
In the event you have any questions concerning use or care of this product, please contact:
Southwire™ at 1-800-780-4324.

The Southwire™ Remote Power Monitor Bluetooth Display (the Remote), Model 40301, adds wireless remote access to your Southwire™ Surge Guard* surge protector.
From the comfort of your coach:

- Monitor shore voltage supplied
- Monitor current used
- Be alerted to faults within seconds of the Surge Guard* taking protective action.

INSTALLATION INSTRUCTIONS

ITEMS NEEDED:

- Three AAA alkaline 1.5 Volt batteries, to provide approximately one year of use
- Your Southwire™ Surge Guard* surge protector with wireless support
- A small Phillips-head screwdriver

FIRST TIME INITIALIZATION:

1. Apply power to your Surge Guard*. Insert the three batteries on the Remote. It will identify itself for five seconds and start its search for a suitable Surge Guard*. The Remote displays "No Bonded Device" and "Searching…"
2. When the Remote finds a Surge Guard* it displays the signal strength (a negative number, the closer to zero the better) and the Surge Guard* model number.
3. Press the right button to initiate the connect process with the displayed Surge Guard*, otherwise press the left button to select a different Surge Guard*.

CAUTION

As a security measure your Surge Guard*:

1. Will recognize remote displays new to it only during the first 45 seconds of Surge Guard* power up time, and it greatly reduces its transmit power.
2. Therefore, you have to place the Remote next to the Surge Guard* and cycle power (OFF/ON) on the Surge Guard* to finalize the connecting process.
3. Once finalized, the signal strength bar will change from a crossed-out triangle to a set of five signal strength bars.
4. You may also need to press the middle button during this process to update the connection state indication.
5. Once finalized the Surge Guard* and the Remote pairing, it will survive power failures and battery changes.

OPERATING INSTRUCTIONS

When the Surge Guard* detects a fault, it signals an alert sequence on the display. The alert sequence flashes the display's backlight for 10 seconds, then turns the light off to conserve battery life.

Use the right and left buttons to navigate to the fault page to identify the cause.

Information pages reached by navigating with the left and right buttons:

- Voltage, current, frequency, and instantaneous power in watts
- The active fault, if any
- The last four faults
- The Remote's model number and firmware revision. The Surge Guard*'s model number and firmware revision.
- Information shown on all pages: Signal strength bars, battery condition, RV power state, active fault (if any)

TROUBLESHOOTING

Because the Remote can only connect to one Surge Guard* at a time, if it becomes necessary to connect it to a different Surge Guard* you must first clear the old connection information by hard reset.
To clear the old connection:

1. Remove one of the Remote's batteries.
2. Hold down the middle ("select") button, and
3. Replace the battery while continuing to press the middle button.
4. The Remote's flashing light and NO LINK text indicates a successful hard reset.
5. After the Remote hard reset, the Surge Guard unit must be powered OFF and ON. Within 45 seconds, review the proposed connection and accept it by pressing the right button.

Caution: The Remote Display lacks user-serviceable parts.

For technical assistance, please call 1-800-780-4324 x 20311

505-00167B