

# User / Operator Instructions

The following User Instructions document contains instructions for you, the **End User** of our **Products**. For your safety, and to keep your **Products** working most efficiently and as designed, encourage you to read these instructions carefully and thoroughly, and follow all instructions it contains. If you have any questions, please call us at 866-919-9092.

If you as a **User** are installing or replacing any **Product**, we also ask that you read the Installer Instructions.

## DEFINITIONS:

- **End User or User:** Refers to the person or persons who will ultimately use or are intended to use the **Product**. This typically refers to the owner(s) or user(s) of the recreational vehicle (RV) in which the **Product** is installed. All references to “you”, “your”, “owner” or “user” refer to you - the **End User** of our **Products**.
- **Distributor:** Refers to the party which purchases the **Product** from the **Manufacturer** and sells it to the **End User**. **Distributor** may be the recreational vehicle (RV) **OEM** or a party distributing **Product** on behalf of the **Manufacturer**.
- **Installation and User Guides:** Refer to all installation instructions and/or **End User** instructions provided with the unit from the **Distributor** or RV **OEM**, or available on the **Manufacturers Website**. Most current **Product** information will be located on the **Manufacturers Website**: [www.SpyderTC.com](http://www.SpyderTC.com).
- **Installer:** Refers to the individual or entity who installs the **Product** for **End User** use. This is typically the **Product** installation technician at the RV **OEM**, but in some cases could be an **End User**.
- **Manufacturer:** Refers to the party who designs, manufactures, and sells **Product** to the **Distributor**; or in some cases directly to the **End User**. In the context of this document, the **Manufacturer** is Spyder Controls Corp. for all **Product**. Any references to “Spyder Controls”, “Spyder”, “we”, “us”, and “our”, refer to the **Manufacturer**.
- **OEM:** Refers to the original equipment manufacturer of the recreational vehicle (RV) in which **Product** is installed.
- **Operator:** Any person or persons who uses the **Product** including any **Manufacturer**, **Distributor**, or sales staff, who operate the product other than the **End User**.
- **Product or Products:** Refers to all electronic components and related supplies which are made or supplied by the **Manufacturer**.
- **Terms and Conditions:** The agreed to specifications, procedures, use, and limitations, as well as all legal limitations or **Manufacturer** disclaimers; which by installation or use of any **Product**, the **Installer** and **End User** consent to and agree to abide by.
- **Terms and Conditions Placards:** All physical (labels) or electronic notification placed on **Product** to notify the **Installer** or **End User** of the **Terms and Conditions** for installation and/or use of the **Product**.
- **Third Party:** Refers to the manufacturers or suppliers of any parts other than those developed and supplied by Spyder Controls.

## A. GENERAL REQUIREMENTS:

- 1) Documents and **Installation and User Guides** are updated periodically or on an as-required basis. **If you have not checked the Manufacturers Website for the latest documents, this document may be outdated, and new information may be available. You must check Manufacturers Website to verify that the most recent documents are being used.**
  - a. Become completely familiar with the system, read all **Installation and User Guides**, and be familiar with all warnings, and limitations prior to operating any **Product**.
- 2) Failure to follow outlined specifications and warnings could lead to **Product** or RV damage, physical injury, or death. **Manufacturer** shall not be responsible for any unsafe acts or misuse of the **Product**.
- 3) **Product** must only be used for its intended purpose.
- 4) **Product** must not be altered, and must not be used in violation of any code or legal requirement.
- 5) **Manufacturer** does not certify the **Product** to any regulatory or environmental standards<sup>‡</sup>.
- 6) All trademarks and patents must be honored.
- 7) All **Terms and Conditions Placards** must remain permanently affixed to all **Product**<sup>‡</sup>. Removing these placards voids any warranty and liability associated with the **Distributor** and **Manufacturer**.
- 8) **Terms and Conditions Placards** may or may not be present on the **Product**, however all **Terms and Conditions** shall apply.

## B. END USER / OPERATOR REQUIREMENTS

Your RV's electrical and multiplex system has been developed and installed for your enjoyment. We would like your system to work well and provide years of happy RVing. To keep the system working at its peak efficiency, and maintaining the safety of you and your family, we ask that you carefully read understand your **OEMs** user manual, our **Product** information, user manual(s), **Installation and User Guides**, and the following information:

- 1) The RV system and **Product** is a 12 volts direct current (DC) system and is not to be subjected to voltages greater than 16 volts. We want to make sure that you are safe and not injured by any jump starting, boosting, or charging of the electrical system.
- 2) The 12-volt DC system must be connected in the correct polarity to the battery/batteries.
- 3) Prior to RV movement, it is best practice to positively shut off or remove 12-volt power from all mechanized systems including, but not limited to, slide-outs, awnings, shades, lifts, jacks, etc.; as mechanized systems could potentially cause damage, injury or death if operated while the vehicle is in motion.
- 4) Any **Product** that is not mounted to the exterior of the vehicle must not be exposed to liquids or moisture of any kind (including the use of any cleaning agents)<sup>‡</sup>.
  - a. The only approved exception is cleaning of the glass surface of LCD touchscreens. To clean the LCD, power down the system and then gently wipe it with a slightly damp cloth (only using water or lens cleaner). Ensure the LCD is fully dry before powering the system up again.
- 5) Your RVs electrical system has been designed to work with specific components and features. Modifying or in any way changing any part of the system could lead to damage or injury that we cannot be responsible for. Any modifications shall be at your sole risk, and any and all warranty would be void.

- 6) Our **Product** is not designed to give safety-critical warnings or notifications, and does not monitor or notify User of any over-fills, over-pressures, over-temperatures, or other potentially dangerous conditions which may be present in the RV in which the **Product** is installed. Please verify that you thoroughly understand all systems on your RV, and that you take all prudent steps to verify that it is being monitored and operated in a safe manner.
- 7) **User** is responsible to verify the safe use of the **Product**, which includes verifying the safety of the environment and RV surroundings prior to operating any moving components (such as slides, awnings, lifts, etc.).
- 8) If **Manufacturer** replacement parts are required, use only original, authentic **Product**, or a direct replacement offered by the **Manufacturer**.
- 9) **Manufacturer** is not responsible for the operation or function of **Third-Party** products or systems that are integrated into the vehicle. **Manufacturer** only accepts responsibility for its own **Product**. Any third-party system or component additions or changes (including hardware, software or firmware updates or changes) which interact with any Manufacturers system or Products constitute unauthorized use, unless specifically approved in writing by the Manufacturer, are done at your own risk and will not be the responsibility of the Manufacturer if there are any malfunctions.
- 10) Unless specifically noted, the **Manufacturer** specifically disclaims, expressed or implied, that the **Product** is intended to be used in hazardous environments requiring fail-safe operation or in any application where a failure or malfunction could lead to physical or environmental damage, personal injury, or death. The **OEM** is responsible for implementing fail-safe measures in cases where a failure could lead to physical or environmental damage, personal injury, or death.

### C. OPERATING REQUIREMENTS:

- 1) Any load that causes or could cause movement, or could otherwise cause damage or injury must only be operated where it can be seen from the operating location. Such loads include, but are not limited to: slides, lifts, awnings, covers, and jacks.
- 2) Heating & cooling must be mutually exclusive, and may not be used at the same time.

We thank you for taking the time to thoroughly read and adhere to these **User Instructions**. If there are any questions, please do not hesitate to contact us.

† As specified on **Product** or in **Product** datasheet

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