

TRC WARRANTY

TRC warrants that its devices are free from defects in materials and workmanship for a period of one year from the date of original purchase. This one year warranty is in lieu of all other warranties, obligations, or liabilities expressed or implied by the company. Any properly installed device that proves defective in normal use will be repaired or replaced at TRC's option provided the procedure as stated below is followed:

① Contact TRC Customer Support at **1-800-780-4324** to obtain a Return Materials Number.

② Properly package returned unit.

③ Display Return Materials Number on outside of box.

④ Include Proof of Purchase, including date of purchase.

⑤ Supply full written description of the problem.

⑥ Specify your name, address, and daytime phone number.

⑦ Ship unit postage prepaid directly to:

Return Materials Department

Technology Research Corporation

5250 140th Avenue North, Clearwater, Florida 33760

Warranty is void if the device has been opened, altered, misused and/or abused in any way.

TRC cannot assume responsibility for customer alterations, acts of God, or any other factors not under the control of TRC.

TRC cannot assume responsibility for damage in handling of shipment.

TRC shall have no responsibility for installation of this device or for any personal injury, property damage, any incidental, contingent, or consequential damages of any kind resulting in defects or failure of the unit to function in the event of a ground fault in the circuit it is protecting.

Implied warranties (if any) including but not limited to implied warranties of fitness for a particular purpose and merchantability, are limited in duration to a period ending one year from the date of original customer purchase. The exclusive remedy for breach of the limited warranty

contained herein is the repair or replacement of the defective product at TRC's option. In no case shall TRC's liability under any other remedy

prescribed by law exceed the purchase price. Some states do not allow the exclusion or limitation of incidental or consequential damages or allow disclaimers or modifications of or limitation on how long an implied warranty lasts, so the above limitations may not apply to you. This warranty

gives you specific legal rights and you may also have other rights which may vary from state to state.

SURGE GUARD®

RV Power Protection



TECHNOLOGY RESEARCH CORPORATION
A Subsidiary of Coleman Cable Inc.

4525 140th Avenue N., Suite 900, Clearwater, FL 33762
800-780-4324

Installation & Operating Instructions

Model No. 44750

PLEASE READ THE ENCLOSED INSTRUCTIONS CAREFULLY.
In the event you have any questions concerning the use or care of this product,
please contact the Sales Department at Technology Research.



OPERATING INSTRUCTIONS – MODEL 44750

- 1 Plug the Surge Guard Model 44750 into an approved 120V/30A RV power receptacle.
- 2 Press and release the reset button. Verify that the Green light is visible.* This indicates power is available to the RV.
- 3 Press the test button. Verify that the Green light is not visible.
- 4 Press and release the reset button. Verify that the Green light is visible.
- 5 Power is available. Operate equipment in your RV normally.

WARNING

- 1 If the unit with contacts closed fails to trip when test button is pressed (Green light fails to extinguish), the device is not operating properly and should be returned to the point of purchase for replacement (see warranty information).
- 2 If the product tests properly without a load applied, but trips each time the RV load is applied, a current leakage exists and should be repaired or replaced as soon as possible (see warranty information). DO NOT BYPASS THE SURGE GUARD IF THIS CONDITION OCCURS. A REAL SHOCK HAZARD MAY EXIST.

IMPORTANT NOTE

The Surge Guard Model 44750 will provide protection even if there is a break in the ground wire in the supply power circuit or the internal circuit in the RV.

CAUTION

- 1 Do not connect any electrical cord longer than 250 feet to the Surge Guard to avoid the possibility of nuisance tripping.
- 2 This device is to be used on electrical distribution systems 120V/30A (RV30) 60Hz only.
- 3 Ground fault circuit interrupters do not protect against electrical shock resulting from contact with both line and neutral wires of the electrical circuit.
- 4 The Surge Guard Model 44750 is designed as a protective device, do not use as an “on and off” switch.

*If the unit is in the reset condition when plugged into the power receptacle, then the green light will be immediately visible.

TROUBLESHOOTING

RV's, new and old, can have loose, faulty or even incorrect wiring which could be potentially dangerous. In the event there is a leakage of current caused by one or more of the above conditions, the Surge Guard Model 44750 will cut the flow of electricity. Should this happen, follow the procedures below to isolate the cause; however, TRC recommends that all electrical repairs be done by a certified technician.

- 1 Unplug the RV from the Surge Guard and push the reset button. If the unit trips immediately after reset, the problem is in the Surge Guard and it should be returned for repair or replacement (see warranty information). However, if the Surge Guard holds the set, continue on to step 2.
- 2 Turn off all the RV circuit breakers and plug the RV power cord into the Surge Guard. If the unit trips, the problem is in the cord and/or the connection supplying the RV. However, if the unit does not trip continue to step 3.
- 3 Turn on each circuit breaker one at a time until the Surge Guard trips. You have now isolated a circuit with leakage.
- 4 Unplug all appliances connected to the bad circuit and reset the circuit breaker and the Surge Guard. If the unit trips, then the problem is in the RV wiring. Should the Surge Guard not trip, see step 5.
- 5 Plug in each appliance until the Surge Guard trips. The appliance that causes the trip has a current leakage and should be repaired or replaced.