

Warranty

Robotics Technologies, Inc. (RTI) warrants its products to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase. Its obligation under this warranty is limited to repairing or replacing at its own sole option any such defective products. To obtain service under this warranty you must obtain a Return Material Authorization (RMA) number from RTI. Products must be returned to RTI with transportation charges prepaid and must be accompanied by a brief description of the problem encountered and proof of date and place of purchase. This warranty does not apply to equipment that has been damaged by accident, negligence or misapplication or has been altered or modified in any way. This warranty applies only to the original purchaser.

The Bus-Scan® 500 Light Control is not a security or detection device. It is used as an aid for the driver to physically check seats.

It is the responsibility of the customer to ensure secure mounting and the continued maintenance thereof. Customer will indemnify RTI and hold it harmless from all actions or litigation arising from misuse of or improper mounting of the Bus-Scan® Light Control.

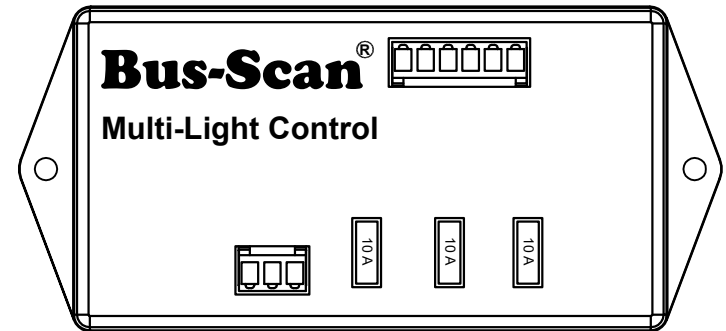
EXCEPT AS PROVIDED HEREIN RTI MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Some states do not permit limitation or exclusion of implied warranties; therefore the aforesaid limitation(s) or exclusion(s) may not apply to purchaser.

EXCEPT AS PROVIDED ABOVE, IN NO EVENT WILL RTI BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS PRODUCT EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Specifically, RTI is not liable for any costs such as loss of profits or revenue, loss of service, loss of equipment, costs of substitutes, and claims by third parties or otherwise. This warranty gives you specific legal rights and you may also have other rights that vary from state to state.



Joliet, IL Made in U.S.A

Bus-Scan® 500 Multi-Light Control



Installation Guide Operation Guide



Joliet, IL Made in U.S.A
www.roboticstech.com

Bus-Scan 500 Multi-Light Control System Operation

The **Bus-Scan 500 Light Control** expands the light activation output from the Bus-Scan Child Reminder from one output to three outputs. Each output is individually fused.

Specifications

Dimensions: 4.25 x 2.25 x 1.5

Weight : 4 Oz

Material: Flame retardant ABS plastic

Flame Rating: UL-94V-0 (ID-3420 rated UL94-5VA)

Each Lighting Circuit Fused At 10 Amps

Return Policy

For Warranty Service, call Robotics Technologies, Inc. Customer Service to obtain an RMA (Return Materials Authorization), and then return the product postage-prepaid to Robotics Technologies, Inc. The RMA number should be written clearly on the outside of the box. Please enclose a brief explanation of the problem, so that we can more efficiently diagnose your item and ensure timely service.

Contact Information

For support, please contact Robotics Technologies, Inc. or a Robotics Technologies Authorized Dealer.

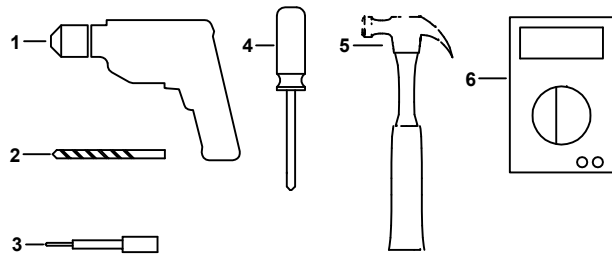
Robotics Technologies, Inc.
20655 Burl Court
Joliet, IL 60433

Phone (800) 995-6056
Fax (815) 722-7665
Website: www.roboticstech.com

Troubleshooting

- 1 Lights will not operate automatically or with dome light switch
 - a) Improper wiring.
Check wiring diagram.
 - b) Fuse is blown.
Replace with 10 Amp Fuse.
- 2 Lights will operate with dome light switch only.
 - a) Multi-Light Control is not powered.
Make sure the Red is connect to a constant 12v and the Black wire is connected to a good ground.
 - b) Activation wire (Gray/Black) from the Bus-Scan 500 is not connected properly or is not activating.
Make sure that the Brown wire from the Bus-Scan 500 Light Control is connected to the Gray/Black wire of the Bus-Scan Child Reminder.
 - c) The Solid and Striped wires are reversed.
Check the wiring.

Required Tools



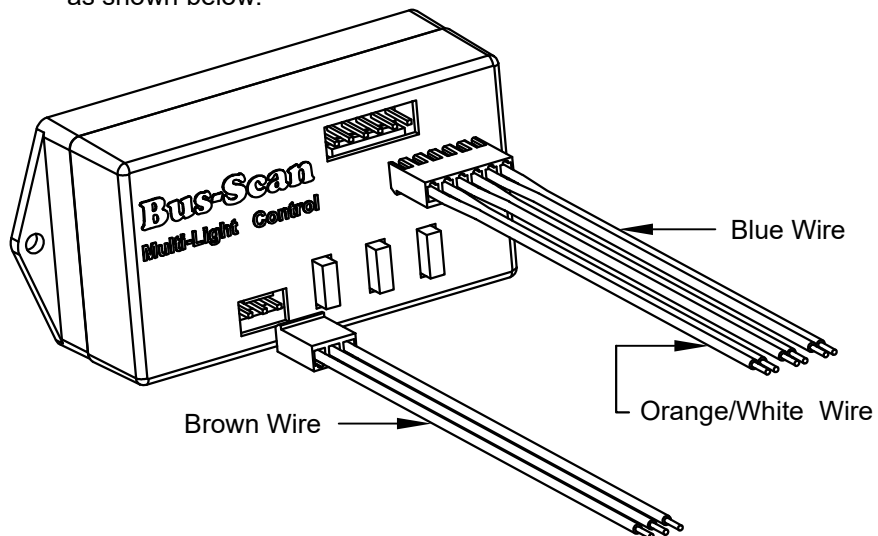
The following tools are required to install the Bus-Scan 500 Light Control

- | | |
|------------------|-----------------------------|
| 1 Electric drill | 4 Phillips head screwdriver |
| 2 1/8" drill bit | 5 Hammer |
| 3 Center punch | 6 Multi meter |

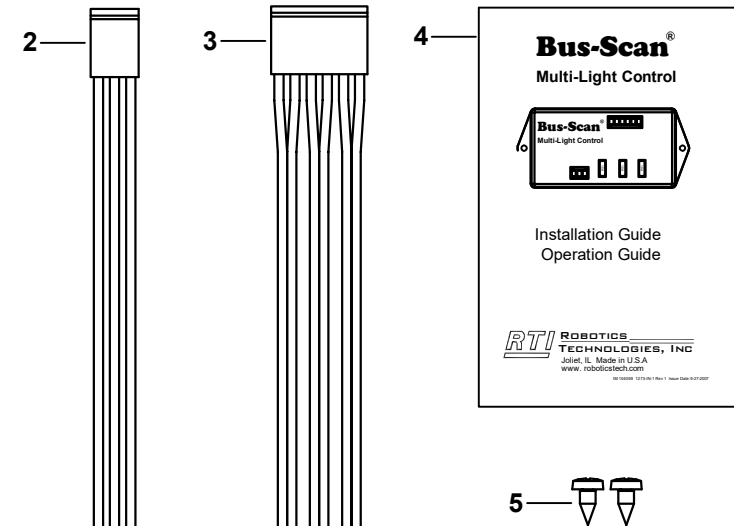
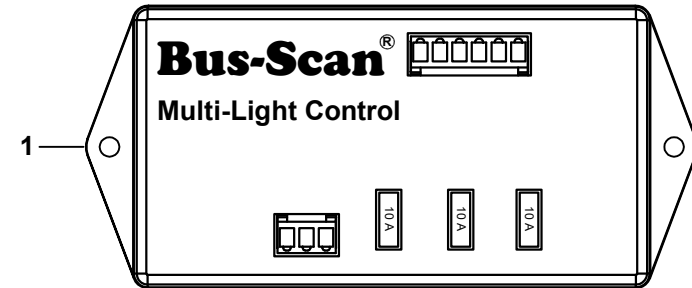
Installation Instructions

Mounting the Bus-Scan 500 Multi-Light Control

- 1 Locate a suitable location near the light controls.
- 2 Center Punch and drill (2) 1/8" mounting holes.
- 5 Attach the Bus-Scan 500 Multi-Light Control to the bus using (2) supplied #8 x 3/8" sheet metal screws.
- 3 Wire the Bus-Scan 500 Multi-Light Control according to the wiring instructions.
- 4 Attach the wiring harnesses to the Bus-Scan 500 Multi-Light Control as shown below.



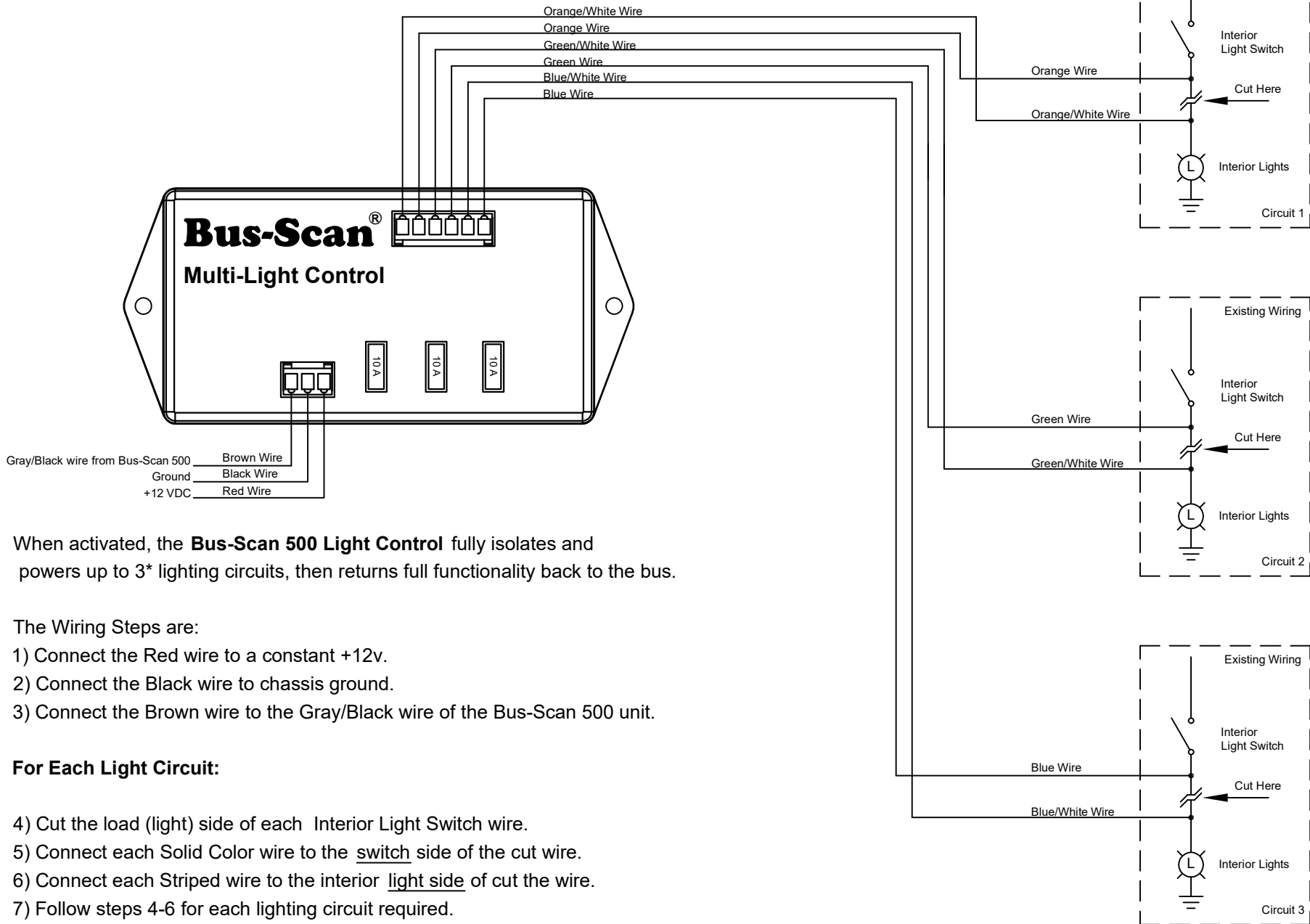
Supplied Components



The following components are included with the Bus-Scan 500 Multi-Light Control

- 1) Bus-Scan 500 Multi-light Control (1)
- 2) Power Harness (1)
- 3) Light Harness (1)
- 4) Bus-Scan 500 Multi-Light Installation and operations guide (1)
- 5) # 8 x 3/8" sheet metal screws (2)

Bus-Scan 500 Multi-Light Control Wiring Diagram



When activated, the **Bus-Scan 500 Light Control** fully isolates and powers up to 3* lighting circuits, then returns full functionality back to the bus.

The Wiring Steps are:

- 1) Connect the Red wire to a constant +12v.
- 2) Connect the Black wire to chassis ground.
- 3) Connect the Brown wire to the Gray/Black wire of the Bus-Scan 500 unit.

For Each Light Circuit:

- 4) Cut the load (light) side of each Interior Light Switch wire.
- 5) Connect each Solid Color wire to the switch side of the cut wire.
- 6) Connect each Striped wire to the interior light side of cut the wire.
- 7) Follow steps 4-6 for each lighting circuit required.

* If more than 3 circuits must be controlled, a Light Control Slave Module Part #104078 is available.