



**QUESTIONS:**

If after completely reading these instructions you have questions regarding the operation or installation of your instrument(s), please contact STACK at +44 (0) 1869 240404  
 You may also email us at [sales@stackltd.com](mailto:sales@stackltd.com).  
 Additional information can also be found at <http://www.stackltd.com>

This dimmer will allow brightness level control of Stack 52mm auxiliary gauges. It can be used with various gauge and speedometer combinations.

**DIMMER INSTALLATION**

The dimmer module consists of a small box with three wires and a level adjustment control. The three wires are to be connected as follows:

- Black wire: Connect this to the vehicle's electrical ground.
- White wires: Connect this to all of the white wires or positive lighting spade terminal from the gauge products installed in the vehicle.
- Violet wire: This wire can be connected in one of two options.

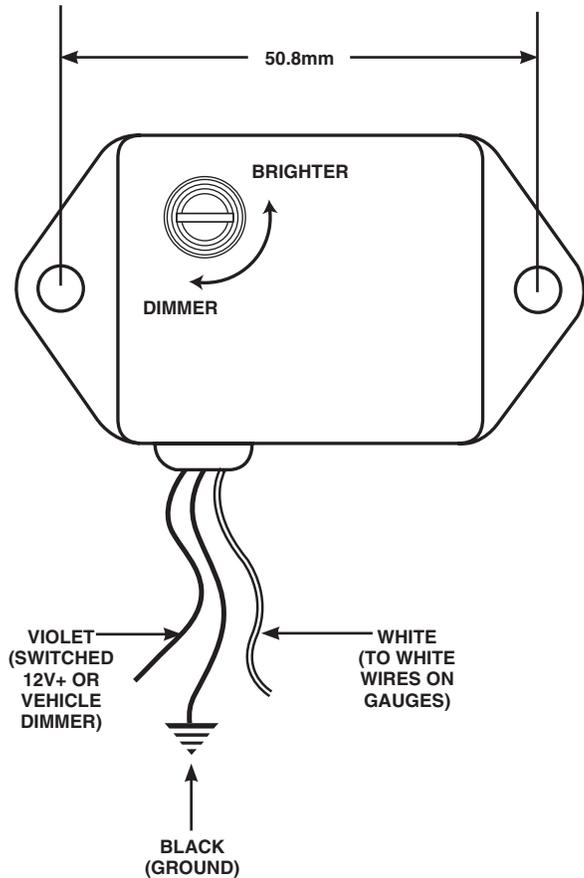
Option #1: If the vehicle has a standard dimmer control (a simple rheostat), connect the violet wire to the vehicles standard dimmer control.

Option #2: Connect the violet wire to a switched 12V source.

Use of option #2 will be required in vehicles where the lighting is driven or controlled, with an in-vehicle network or uses a PWM signal to control brightness. In this situation, the brightness of the gauges is set only by the use of this product.

Mount the dimmer module in such a way to allow convenient adjustments as required.

**NOTE:** When using this dimmer, only the dimmer white wire will be hooked to the LED lit gauge. Leaving another lighting power wire attached to the gauge at the same time will result in damage to the dimmer module.



**SERVICE**

For service send your product to STACK in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. If you are sending product back for Warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

**12 MONTH LIMITED WARRANTY**

STACK, Ltd. warrants to the consumer that all STACK products will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at STACK's option to the consumer, when it is determined by STACK, Ltd. that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the STACK instruments. In no event shall this warranty exceed the original purchase price of the STACK instruments nor shall STACK, Ltd. be responsible for special, incidental or consequential damages or costs incurred due to the failure of this product. Warranty claims to STACK must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is non-transferable. All implied warranties shall be limited in duration to the said 12 month warranty period. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. STACK, Ltd. disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by STACK.

**FOR COMPLETE OPERATIONS GUIDE PLEASE VISIT: [WWW.STACKLTD.COM](http://WWW.STACKLTD.COM)**

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