

This dimmer will allow brightness level control of AMP products with LED Lighting such as Cobalt and C2. It can be used with various gauge, tachometer 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.

