

### Operation Guide



<b>Input RCA</b>	<b>Audio In from Radio</b>	Connect to the RCA level output of the source/head unit Red/Right, White/Left
<b>Output RCA</b>	<b>Audio Out to Amplifiers</b>	Connect to the RCA level input of the amplifier/s to be controlled. Red/Right, White/Left
<b>RED</b>	<b>Switched Voltage Input</b>	Connect to Remote Out of the head unit or any switched voltage between 2.8V - 24V
<b>YELLOW</b>	<b>Constant Voltage Input</b>	Connect to the voltage source being monitored. The voltage supplied to this wire will be output to the <b>BLUE</b> wire when the controller is active (voltage display lit)
<b>BLUE</b>	<b>Remote Output</b>	Connect to the Remote In of the amplifier/s (Up to 500mA of current)
<b>BLACK</b>	<b>Chassis Ground</b>	Connect to the negative (Black) wire of radio or a solid metal part of the sub-dash or chassis

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### Operating notes:

- 1) Rotating the knob varies the audio output to the amplifier. Adjusted fully counter clockwise, (Min) audio is muted. Set fully clockwise, (Max) audio will pass with no attenuation.
- 2) When a switched voltage between 2.8 and 24V is applied to the RED wire while constant voltage is applied to the YELLOW wire, the Voltage will be displayed and the remote output will become active, outputting the indicated voltage on the display to the BLUE wire
- 3) Only the RED wire should be attached to switched voltage. Applying non-constant voltage to the YELLOW wire will result in poor operation
- 4) Pressing the knob while the voltage gauge is active will turn on or off the voltage readout and the remote output. If the remote out is connected to the bass amplifier only, the bass amplifier will turn off and bass will be muted.
- 5) The voltage gauge will display voltages between 10V and 15.9V . Voltages outside that range will read “LOW” or “HIGH” to indicate issues with the battery’s state of charge or charging system problems.