

USER GUIDE AND INSTALLATION MANUAL PHOTOCELL HEADLIGHT CONTROLLER



AUTEC5

Programmable Control Module

The **AUTEC5** makes forgetting to turn on your headlights a thing of the past. Using a photocell, the EC5 will automatically detect when it's dark enough to automatically turn on your lights, and turn them off when it's light out.



IMPORTANT INFORMATION!

- 1** You must use relays on ALL outputs except for Status LED output.
- 2** All outputs are negative trigger.

Wiring Steps - Let's Wire It Up!

1 POWER

- a. Connect Red Wire on 2 pin harness to 12V (+) Constant Power Source
- b. Connect Black Wire on 2 pin harness to Chassis Ground (-)

2 YOUR LIGHTS

- a. Connect Orange Wire on 6 pin harness to negative side of LED Indicator (Not Included) the Positive side of the LED should connect to a 12V Acc Switched Power Source
- b. Connect White Wire on 6 pin harness to Port 85 on Relay "A" (See section 3 "Wiring Your Relays")
- c. Connect Brown Wire on 6 pin harness to Port 85 on Relay "B" (See section 3 "Wiring Your Relays")
- d. *The remaining wires are not used and can be tucked away

3 WIRING YOUR RELAYS (*Relays Are Not Included)

- a. Relay "A"
 - i. This section will guide you through the wiring of a standard 5 port relay
 - ii. Your relay has 5 ports: 30, 85, 86, 87, & 87a
 - iii. Port 30 Connects to the Parking/Running Light Output of your Headlight Switch
 - iv. Port 85 Connects to the White wire from the EC5 Photocell Controller
 - v. Port 86 Connects to 12V(+) Acc Switched Power Source
 - vi. Port 87 Connects to 12V(+) Acc Switched Power Source
 - vii. Port 87a In Not Used
- b. Relay "B"
 - i. This section will guide you through the wiring of a standard 5 port relay
 - ii. Your relay has 5 ports: 30, 85, 86, 87, & 87a
 - iii. Port 30 Connects to the Low Beam Output of your Headlight Switch
 - iv. Port 85 Connects to the Brown wire from the EC5 Photocell Controller
 - v. Port 86 Connects to 12V(+) Acc Switched Power Source
 - vi. Port 87 Connects to 12V(+) Acc Switched Power Source
 - vii. Port 87a In Not Used

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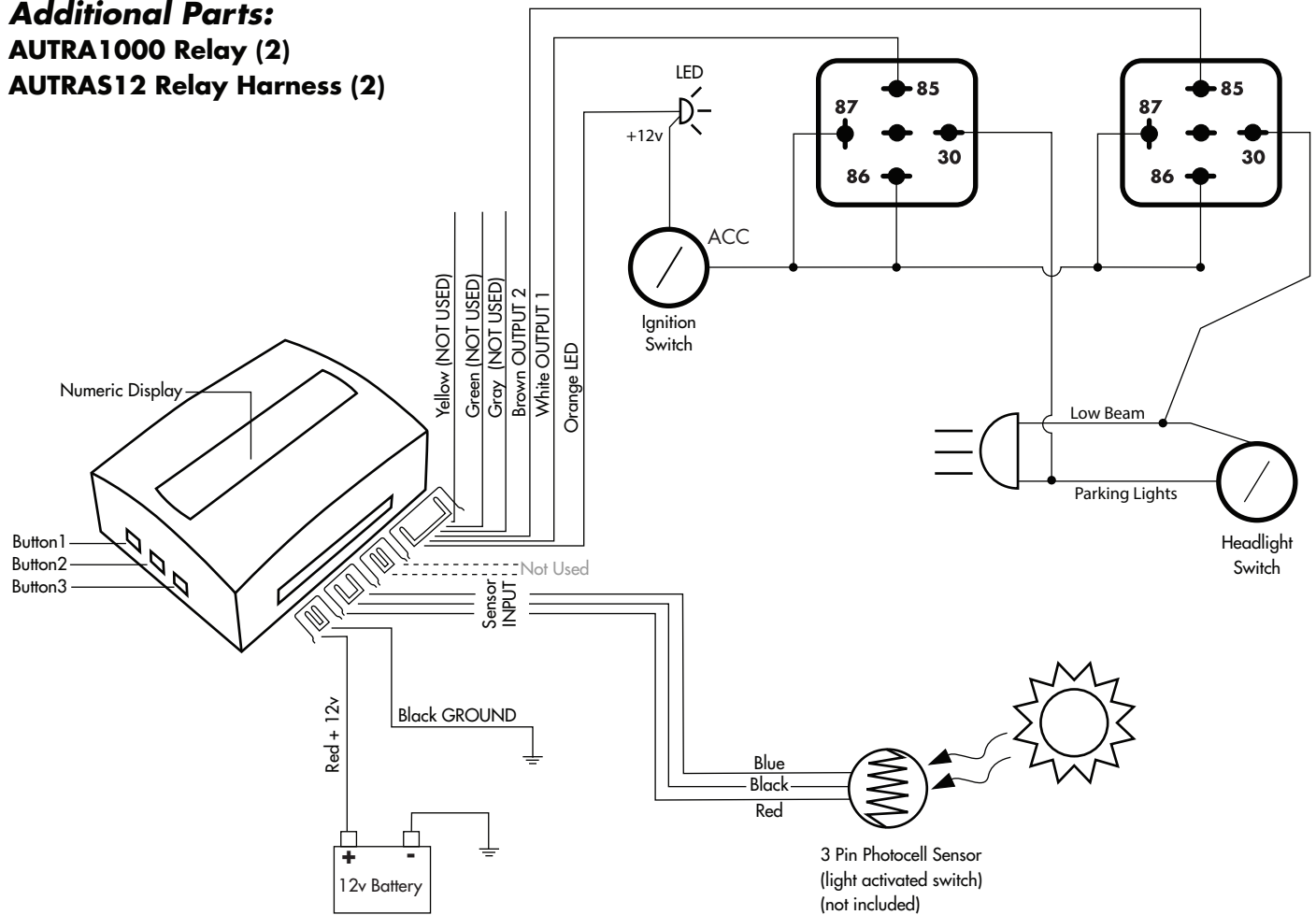
Wiring Diagram

3 PIN

Additional Parts:

AUTRA1000 Relay (2)

AUTRAS12 Relay Harness (2)



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Additional Wiring Options

2 PIN Normally Open - To Lights
 Normally Closed - Lights (Relay Activation)

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AUTRA1000 Relay (2)
AUTRAS12 Relay Harness (2)

