



KNIGHT OF ITALY
YOUR PASSION, THE ITALIAN WAY

BLINKER MANAGER V2.1

USER MANUAL

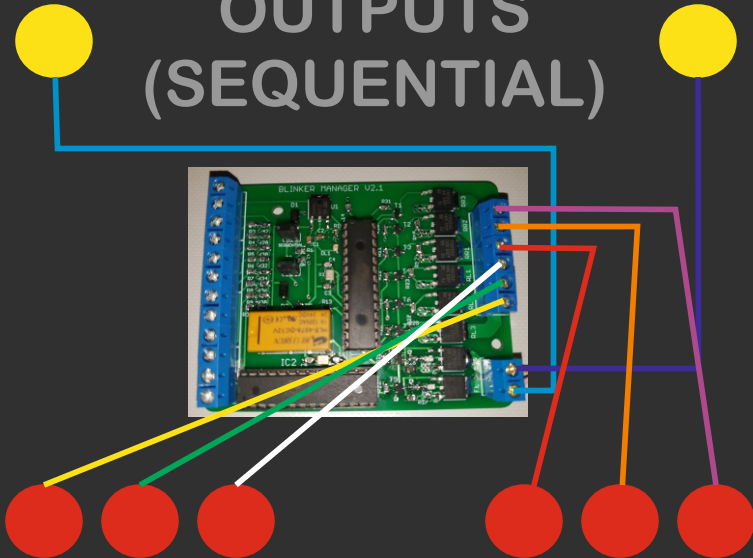
The BLINKER MANAGER is a device developed for those who is building a full replica with complete dash transformation. After the installation of the fiberglass part that becomes the new dash of the vehicle using the turning signals becomes problematic. Also it is very well known that the OEM blinker relays (all the versions from 1982-1992, red or amber turn signals) are prone to fail and are not extremely happy with difference of load applied to it (different number of bulbs installed, LED bulbs, different wattage and so on...). With this unit it is possible to overcome to all these problems and also get benefits that a stock system cannot provide. The BLINKER MANAGER manages the flash ratio of the turn signal lights keeping a steady 1.5hz. There are 10 different inputs and 8 outputs and they require installation by a professional because a modification to the stock wiring of the car is required.

The unit provides a choice of 4 or 6 brake/turn signal lights for the rear side of the car and also the choice between a solid blinking or sequential.

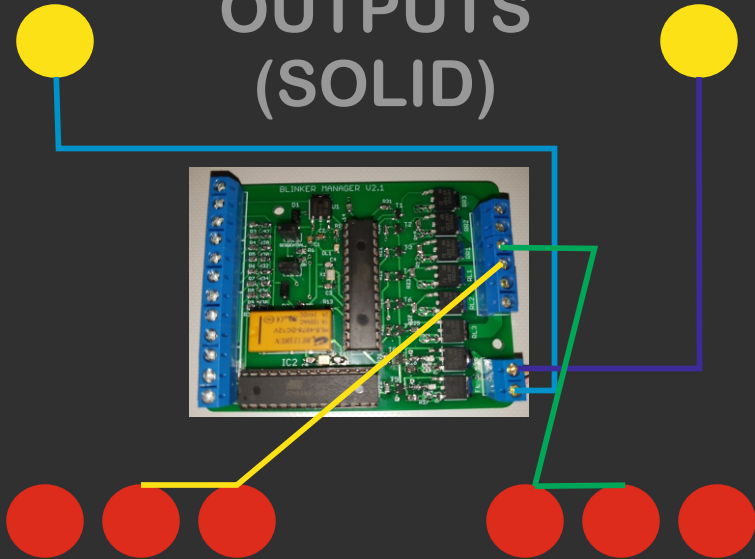
The inputs are the following:

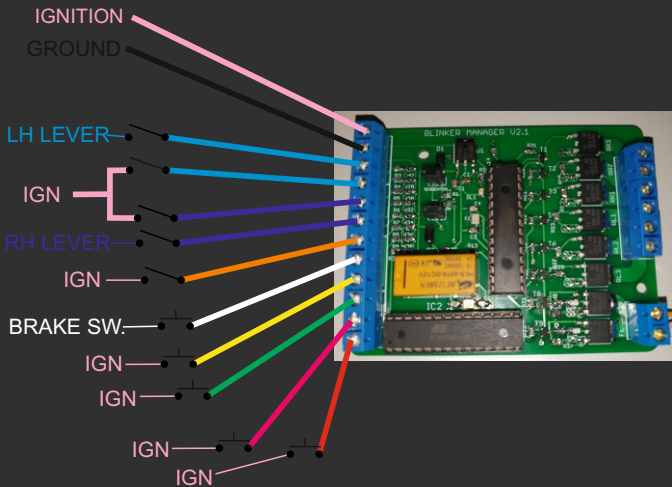
- **Left turn:** *requires a constant trigger by a switch like the white rocker switch on the lower console.*
- **Left turn lever:** *same as the left turn input but that goes to the signal from the original lever.*
- **Right turn:** *same as Left turn.*
- **Right turn lever:** *same as Left turn lever.*
- **HAZARD:** *requires a constant trigger by a switch to activate all the lights.*
- **BRAKES:** *requires the trigger coming from the brake pedal switch.*
- **Left turn pulse:** *requires a temporary trigger from a button like the ones on a switch pod for an ON/OFF mode.*
- **Left turn passing:** *requires a temporary trigger and activates the lights for 5 blinks for lane changing.*
- **Right turn pulse:** *like Left turn pulse.*
- **Right turn passing:** *like Left turn passing.*

OUTPUTS (SEQUENTIAL)



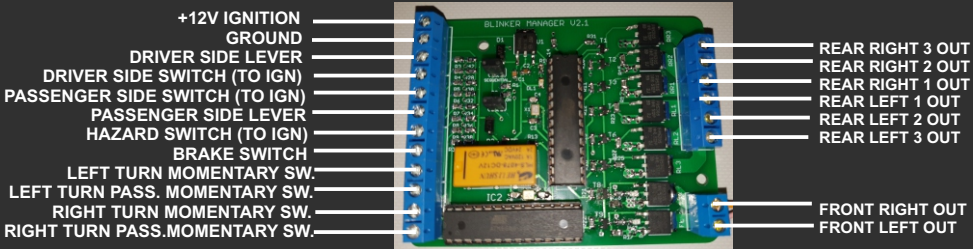
OUTPUTS (SOLID)





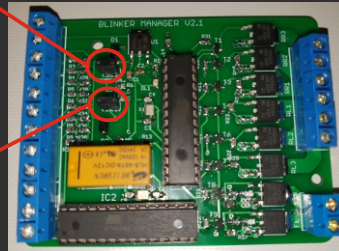
INPUTS

OUTPUTS



Mode selection:
WITH JUMPER = SEQUENTIAL LIGHTS
WITHOUT JUMPER = REGULAR BLINK

JUMPERS



Number of brake lights:
WITH JUMPER = 6 LIGHTS
WITHOUT JUMPER = 4 LIGHTS

INPUTS

+12V IGNITION = insures operation only while operating the vehicle

GROUND = connects to any ground of the vehicle

LH LEVER = connects to the wire (previously cut) coming from the OEM lever for the LH side operation (OEM relay bypass necessary)

LEFT TURN = connects to the ignition positive through a double position switch

RH LEVER = connects to the wire (previously cut) coming from the OEM lever for the RH side operation (OEM relay bypass necessary)

LEFT TURN = connects to the ignition positive through a double position switch

HAZARD = connects to the ignition positive through a double position switch

BRAKES = connects to the existing wiring of the brake lights

LEFT TURN PULSE = connects to the ignition positive through a temporary switch

LEFT TURN PASSING = connects to the ignition positive through a temporary switch

RIGHT TURN PULSE = connects to the ignition positive through a temporary switch

RIGHT TURN PASSING = connects to the ignition positive through a temporary switch

OUTPUTS

RR3 = +12V rear passenger side outer light

RR2 = +12V rear passenger side middle light

RR1 = +12V rear passenger side inner light

RL1 = +12V rear driver side inner light

RL2 = +12V rear driver side middle light

RL3 = +12V rear driver side outer light

FR = +12V front passenger side

FL = +12V front driver side



Due to transportation laws at the time this module was manufactured its use is intended strictly on vehicles circulating in USA and Canada. Any use outside USA and Canada is highly discouraged. The module is intended to be used to replace the original turn indicating equipment. The user and/or the installer takes full responsibility of the unit once it's installed in the vehicle. Knight of Italy and Knight Industries of Kentucky will not be responsible for any misuse, wrongful installation, damages to the unit or to vehicles, properties and persons caused by the module.



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