

# Motodynamic™ Intelliflash Blinker Module Universal

Part no: IFM-001

The microprocessor controlled Motodynamic™ Intelliflash blinker module will enable running and turn signal functionality on any 2 wire turn signal lamp. It will intelligently switch input power from the running/switched ignition light circuit to the turn signal circuit to enable flashing from the bike's flasher relay. Once the turn signal is turned off by the rider, it will switch the power back to the running light/switched ignition circuit. The flashing rate will be in sync with the flasher relay's speed and will flash at the same time alongside the existing turn signals on the motorcycle.

## Specifications:

**Working voltage:** 10-24V

**Maximum wattage:** 65W

**Maximum amperage:** 15A

**Turn signal circuit internal resistance:** 100 ohms

**Module Dimensions:** 2.00" x 1.00" x 0.40" (50mm x 25mm x 10mm) LxWxH

**Wire length:** 9.5" (241mm)

**Weight:** 1.20 oz/ea (0.03kg)

**Note:** It is not recommended to connect this to high wattage halogen or xenon gas bulbs, such as low and high beams, due to slow discharge properties associated with filament halogen or gas bulbs. Connecting to LED turn signals that were not meant to be used as running lights may exceed their temperature threshold and cause them to operate at a lower brightness or cause damage, please consult with the turn signal manufacture prior to connecting.

## Wiring Diagram:

### Input

**Black:** Ground from factory turn signal or any ground to chassis

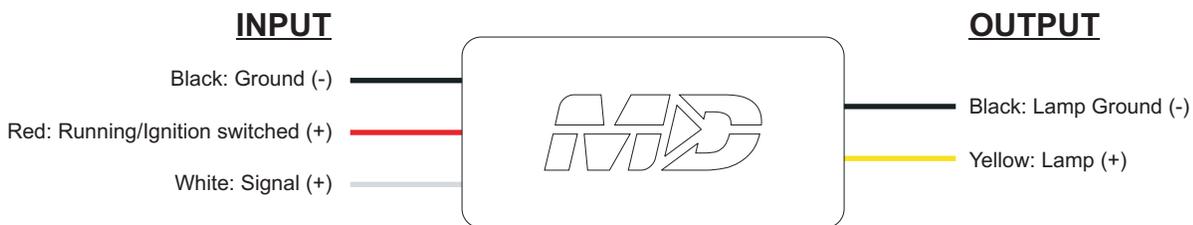
**Red:** Running light circuit positive output from factory turn signal or from ignition switched power source. Compatible with all running light sources such as always-on for Yamaha motorcycles or momentary-off for Honda motorcycles.

**White:** Turn signal circuit positive output from motorcycle

### Output

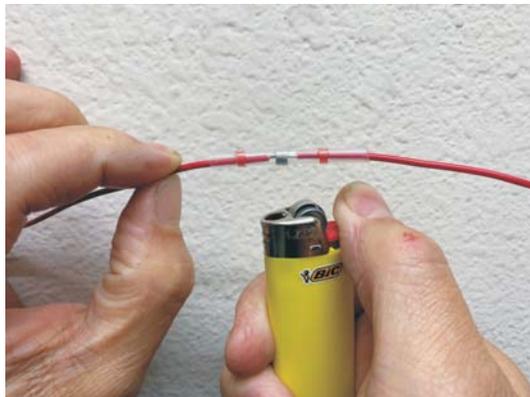
**Black:** Lamp/turn signal ground

**Yellow:** Lamp/turn signal positive input



## Heat shrink quick solder butt connectors:

The Motodynamic™ Intelliflash Blinker Module kit comes with heat shrink quick solder butt connectors. Simply strip the ends, insert into the tube ends and heat up with a lighter or heat gun. The solder will melt fusing the 2 wire ends together while the red bands shrink to form a water tight connection.



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