



**DIGITECH**

User Manual

# **Speedo Corrector Module for Cars**

AA-0376

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# Technical Specifications:

- Power: 12VDC
- Dimensions: 63(L) x 46(W) x 25(H) mm

# Instructions:

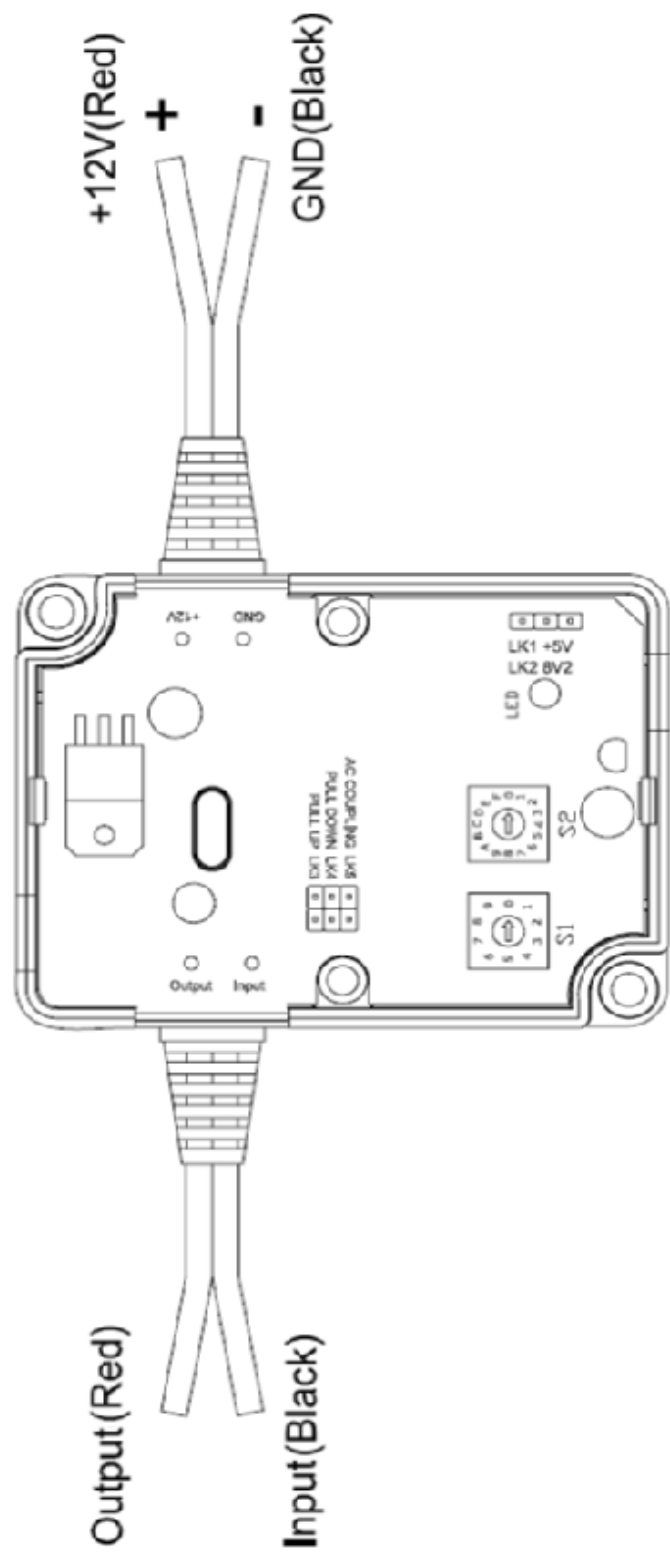
- **WARNING:** If you need to pull your dash out to locate the speed input wire to the speedometer, make sure you're aware of the safety precautions that need to be taken if the car is equipped with airbags.
- Connect the module according to the wiring diagram depending on your use of the module. Incorrect wiring will damage the module and your vehicle if you connect it in the incorrect polarity:
  - Connect Power (use an ignition-switched source), ground, speedo "input" and speedo "output" (to the speedo)
  - Set S1 to 2
  - Set S2 to A
  - Install link LK2
  - Drive the car for a minute (the speedo will not work).
  - Observe that the LED flashes at 1Hz when the car is moving. This shows that the module has set itself for the type of speedometer signal that is present and that it is receiving a valid signal.
  - If the LED doesn't flash, install link LK1 (instead of LK2) and try again.

- Set S2 to 0
- Set S1 to 0
- Try the link options LK3, LK4 or LK5 until the speedo works (the speedo should read as it did with the car standard).
- Set S1\* and S2\*\* to give the required correction.
  - \* S1 corrects the speedo reading in single units.
  - \*\* S2 corrects the speedo output in tens.e.g. If the required correction is 18%, set S1 to '8' and S2 to '1'
- If the speedo reading needs to be corrected upwards rather than the default downwards, set S2 to F and then wait for the LED to flash twice. Then set S2 back to its required correction value. To return to downwards speed correction, again set S2 back to F and wait for a single flash acknowledgement.

## Notes:

- Never get any part of the module wet.
- Never attempt to open, modify or repair any part of the module.

# Wiring Diagram:



Link Functions	
LK1	5V max Input
LK2	8V2 max Input
LK3	Pull up Output
LK4	Pull down Output
LK5	AC Output