

# GIpro ATRE G2

## Install Guide for **GPAT-T0x**

Before installing this product, please make sure you got the right part for your bike. See the part number on the packaging and use the **Product Advisor** on our website to check compatibility.

These instructions are applicable to a wide range of motorcycles and describe the main install steps needed for a successful installation. You can find motorcycle specific Supplementary Manuals on our website. Please visit:

**[www.healtech-electronics.com/ATRE](http://www.healtech-electronics.com/ATRE)**

***Disclaimer:** Do not attempt to install the product if you don't have basic mechanical skills. HealTech Electronics Ltd. and its distributors shall not be liable for any loss or damage caused by improper installation. If in doubt, please consult with your dealer.*

### **1. Gain access to the Gear Position Sensor (GPS) connector.**

Normally this involves the following:

- Remove the seat
- Remove the small cover on the left hand side of the engine (held by two torx screws)

Look for a Black, matching connector on the bike to your GIpro model. One of the wires in the bike connector has Black/Pink color.

### **2. Disconnect the GPS coupler.** You may need a small flat head screwdriver to get the coupler apart.

Make sure the gearbox is in Neutral and turn the ignition switch ON. Wait a few seconds. The Neutral indicator should NOT be lit with disconnected GPS coupler. After confirming this, turn the ignition OFF and proceed to the next step.

### **3. Connect the GIpro plugs** to the GPS coupler.

### **4. Neatly route the GIpro cable** from the plugs to the mounting location, preferably along the frame. Do not route the harness very close to the exhaust pipe or cylinder head.

- 5. Connect the GIpro Red wire** to an ignition switched +12V power lead by using the Red wire tap connector supplied.

*Usage: Place the unstripped bike wire (switched +12V) inside the run channel. Close the side cover until latched. Cut off the excess length, then insert the unstripped tap wire (GIpro Red) completely and check its position. Insert the blade (u-contact) and press down by finger pressure. Then, fully depress the u-contact with pliers. Close the hinged top cover until latched.*

The power must be ON even when the engine run switch is switched off. We recommend tapping the **Orange/Green** (orange with thin green stripe) wire at the 2-pole rear brake light switch connector (the second wire in this connector is Green/Purple, do not use that).

- 6.** Clean the mounting surface with soft cloth. Peel off the green plastic from the back of the unit and **mount the display** (apply pressure for about 10 seconds). Alternatively, you may use the extra sticky pad (supplied) to mount the display to the side of the dashboard.

*Note:* The GIpro unit is programmed via the Touch Sensor located at the top side of the unit. If this area is not accessible after mounting, program the unit before mounting. Refer to the User's Guide.

- 7. Secure the cable with the cable ties** (supplied) starting from the display to the plugs, ensuring that the steering movement is not restricted by the cable. Do not allow direct contact between the engine (cylinder block) and the harness.

- 8. Make sure that all connectors and hoses are in place** under the fuel tank while lowering the tank.

- 9. Turn the ignition ON**, have the engine stop switch in RUN position, and put the side-stand in upright position. The display should count up and then indicate the actual gear ("0" in neutral).

If the display does not light up, disconnect the connectors and check whether the connector pins are bent or pushed out of position. Spray some contact cleaner into the plugs. Check that the GIpro red wire gets +12V.

- 10. Secure the fuel tank and install the seat.**

- 11.** When the installation is complete, **refer to the User's Guide** for instructions.

*Note:* If the unit does not indicate the gears correctly with the pre-set gear position values, you'll need to start the Learning procedure.