

HESAPARTS COPILOT USER MANUAL



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COPILOT is a Plug & Play device, with Bluetooth connectivity. Power connection to 12V, so it requires electrical installation in the vehicle.

COPILOT is completely waterproof, so it is able to withstand rain and dust.

1. INSTALLATION

- **COPILLOT** does not need installation... Its ergonomic shape is designed to be carried in your hand
- Make sure that the power connection is made with a suitable and watertight connector. Never install directly to the battery.
- Red wire _____+12v
- Black wire _____ground

2. USE

COPILLOT is a completely independent device. You do not need any additional application or configuration. Being a Plug&Play device, after connection **COPILLOT** will always be ready for use.

2.1 First connection

- Once the device has been installed, we will proceed to make the first connection. To do this we will power **COPILLOT** through the ignition key. The LED will flash blue and red successively.
- We perform a search in the Bluetooth menu on available devices, and **COPILLOT** will appear. Click on it for pairing. If you ask for confirmation, we will accept.
- Once the connection is made, the LED will flash in Cyan (Mode 1)
- After the first connection, **COPILLOT** will automatically connect to any previously linked device without the need to do anything, just have the device's Bluetooth connected and **COPILLOT** powered

(NOTE: Since **COPILLOT** does not run on batteries, it will never go into sleep mode)

2.2 Operation

• **COPILLOT** has 3 modes of use. The current mode is easily recognizable by the color of the LED. The colors are as follows:

1. CYAN _____ Mode 1 _____ TERRAPIRATA RESET MODE
2. BLUE _____ Mode 2 _____ TERRAPIRATA TRIP MODE
3. RED _____ Mode 3 _____ STANDARD ROADBOOK

- When starting **COPILOT** it is always in the last mode from which it was turned off.
- To change the mode, simply press the lever up and the red button at the same time, the LED will remain fixed, indicating the new mode with its color.
- While in mode 3, when changing mode the cycle becomes mode 1.
- In normal operation, **COPILOT** will always flash slowly indicating the current mode.

2.3 Explanation of the 3 modes of operation

All functions described in the 3 modes below do not need complex access methods. All functions with a click act once, and by holding down they act repeatedly as long as the application allows it.

Mode 1 _____ TRRAPIRATA RESET MODE

- By pressing the up lever, we move forward roadbook vignette
- By pressing the down lever, we go back to the roadbook vignette
- By pressing the top button, we reset the PARTIAL ODO
- By pressing the front button, we reset the ODO TOTAL

Mode 2 _____ TRRAPIRATA TRIP MODE

- By pressing the up lever, we move forward roadbook vignette
- By pressing the down lever, we go back to the roadbook vignette
- By pressing the top button, we go up meters to the trip
- By pressing the front button, we go down meters to the trip

Mode 3 _____ STANDARD ROADBOOK

This mode of operation allows you to use copilot with any standard roadbook application other than TERRAPIRATA.

- By pressing the up lever, we move forward roadbook vignette
- By pressing the down lever, we go back to the roadbook vignette
- By pressing the top button, we go up meters to the trip
- By pressing the front button, we go down meters to the trip

3. RECOMMENDATIONS FOR USE

- Never exceed the parameters specified in section 5 of this user manual, otherwise **COPILLOT** may be totally or partially damaged and exempt from any warranty.
- The device has a protection system against reverse polarity, however, before making the connection, make sure of the correct polarity of the power cables.
- If you are not sure if you can correctly carry out the installation explained in chapter 2, leave it in the hands of professionals.
- Never pull the power cable coming out of **COPILLOT** outwards.
- Never bend or pinch the power cord.
- Never connect the **COPILLOT** if you detect any part of it in poor condition.
- It is advisable not to leave the **COPILLOT** exposed in hot places to direct sunlight for hours; if you do, cover the **COPILLOT** with a piece of clothing.
- Do not apply the pressurized water lance directly on **COPILLOT**, even though it is waterproof, it is not designed to withstand high pressures.

4. SPECIFICATIONS

- Voltage: 5V to 30V
- Approximate consumption of 40mA
- No official waterproof package testing has been performed, so an official overall IP rating cannot be assured. However, COPILLOT is designed to withstand water and dust, with IP67 components.
- **COPILLOT** includes mechanical buttons. Designed to work in extreme conditions, but with pressure limits:
- Normal operating forces for buttons is 0.25kg
- The maximum forces it is capable of withstanding is 1.5kg before breaking.

6. DISCLAIMER

- **COPILLOT was designed for legal off-road use. The use of this device under legal circulation conditions is under the responsibility of the user.**
- **HESAPARTS is not responsible for damage caused to the vehicle's electrical installation in case of incorrect installation. Likewise, there will be no possible warranty on the device.**
- **All manuals will be distributed electronically. They will never be delivered on paper**