

Eco-Drive Panel

Data Sheet v1.0

2017-02-28



- Helps to improve driving skills
- Helps to reduce environmental pollution
- Leads to more comfortable and safer trips
- Gives indications via LEDs and sound (internal beeper is configurable)

Introduction

Eco-Drive panel helps to monitor drivers' behavior in real-time. It informs the driver by light and sound indicators, when his driving actions are causing fuel waste. Driver can improve his driving skills, which helps to reduce the vehicle's maintenance costs and prevent environmental pollution.

Accessory is designed to be used with Ruptela FM devices. The internal beeper is configurable. It can be enabled/disabled in FM device configuration.

Physical properties

Panel dimensions	50 x 75 x 10 (mm)
Housing	Plastic
Cable length	990 (mm)

Panel specifications

Power consumption	Up to 100 mA (~44 mA @ 4,1 V)
Operating temperature range	-35 °C ~ +65 °C

Cable specifications

Length	990 mm
Number of conductors	6 wires (0,22 mm ² each)

Cable pinout

Wire colour	Description
Red	Vcc +5V
Black	GND
Purple	DIN1 (from FM device DOUT1)
Orange	DIN2 (from FM device DOUT2)
Green	To other device (if DOUT1 is needed)
White	To other device (if DOUT2 is needed)

Note

Connection to 12V will damage the panel, connect it to +5V only.

Panel icons

	RPM in red band
	Extreme / harsh braking
	Harsh acceleration
	Cruise control
	Over speeding
	Idling

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