

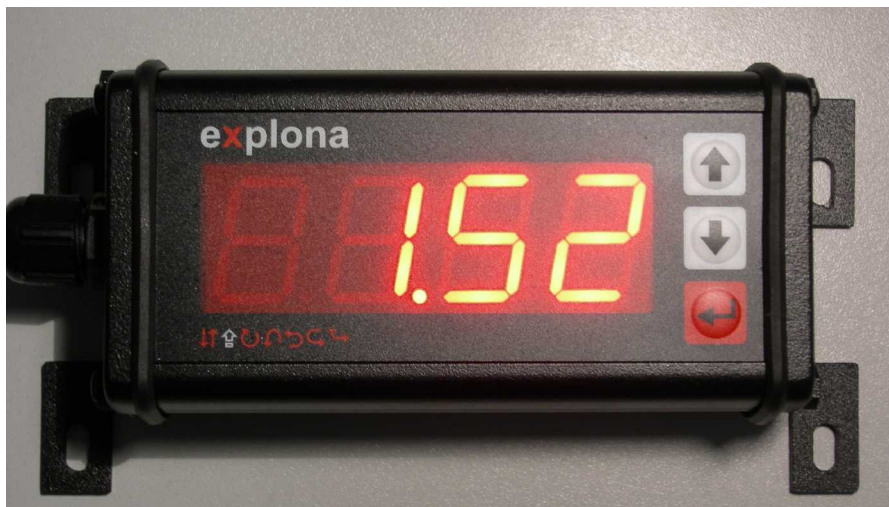
explona



www.explona.com

explona repeater/mini

Product summary



explona repeater/mini is the smallest device of **explona** family. It was designed mainly as an additional display for a driver. It can show data supplied by main odometer (e.g. **explona dakar**).

Additionally it can serve as a standalone, simple odometer. In this mode it measures distance, speed and voltage of the battery. When any GPS receiver with NMEA signal is connected display can show current course as well.

Its aluminum enclosure is waterproof and protects against various environment conditions. In every light condition the readings are clear thanks to big LED display with brightness regulation. The display can be turned off if needed.

The device has a quick recall of the distance reading from every other display mode.

Features of **explona repeater/mini**

- two functions in one: the device can be external display for the driver (repeater mode) showing data from main unit or it can be a standalone tripmeter (mini mode) depending on availability of data from master unit,
- 7 steps of brightness, the display can be turned off completely,
- features of the repeater mode:
 - display of data from main **explona** tripmeter (e.g. **dakar**),
 - keyboard or external key selects the reading,
 - ability to follow brightness of the main unit if requested,

- in case of data loss from main unit the device automatically switches to standalone tripmeter (mini) mode and continues to measure the distance uninterrupted.
- features of the mini mode:
 - distance "trip" and speed measurements based on wheel turns,
 - measurement of a voltage of the main battery,
 - compass, current course – when any GPS with NMEA is connected,
 - fast recall of the trip display,
 - ability to connect external *reset* switches,
 - easy distinguished readings,
 - non-volatile memory.

Technical data

External dimensions [mm]	enclosure: 110×60×32 with fastenings: 145×75×40
Enclosure	aluminum, black
Ingress protection	IP65 – dust tight, protected from water jets
Display	red LED display with 7 brightness steps, can be turned off; anti reflex coating
Weight	300g
Operating voltage	10–40V DC
Power consumption	max 5W
Temperature range	-20–70 °C
Distance resolution	10m
Maximum distance	999,9 km
NMEA interface	RS232, 8N1, 4800

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