



EnOcean Signal Monitoring Tool

ST-01 is a device for capturing messages in the EnOcean network. From the captured messages, it is possible to determine the sender's ID, message type, signal strength, information about forwarded message and time between sending messages.

ST-01

ENOCEAN is a set of technologies that enables the use of wireless and battery-free elements.

- simple and intuitive handheld device
- monitoring up to 60 devices at once
- transmission mode (for simulation of transmission and testing signal range with using the selected cycle and EEP profile)
- network communication recording to USB-C disk
- firmware updates from USB-C disk
- antenna exchangeable for another type
- backlit display
- powered by batteries, power supply, power bank



wireless



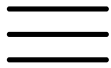
battery-free



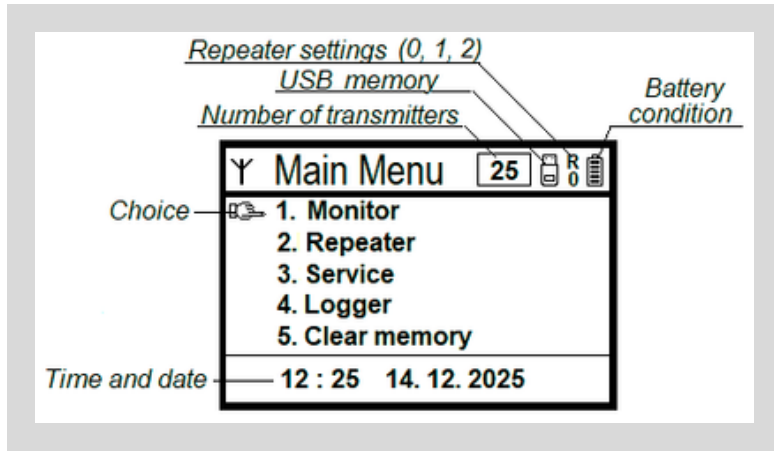
energy harvesting



environmentally protective



MAIN MENU



Monitor - provides detailed information on up to 60 received EEP profiles.

Repeater - is used to find a suitable location for the repeater.

Service - allows you to set the date and time, adjust the display contrast, update the program, display device information, send telegrams (Transmission Mode).

Logger - is used to record incoming EEP telegrams on a USB drive. Each telegram is sorted in the order of receipt and contains basic information such as transmitter ID, RORG, time of receipt.

Clear memory - is used to delete received telegrams and manage memory. Received telegrams are sorted by transmitter ID, and a table of transmitters is created.



TECHNICAL DATA



Manufactured in EU (CZ)

FIRVENA's rigorous testing and inspection guarantee the reliability and functionality of every product.

CATEGORY	PARAMETER	VALUE
Electrical data	Power supply options	<ul style="list-style-type: none"> Internal 4x AAA batteries 1,5 V Power adapter to socket 230 V (EU/UK type) with output voltage 5 V DC External powerbank with USB-C output with low current mode
	Power supply	5 V DC via USB-C
	Maximum consumption	0,5 A
EnOcean	Frequency	868 MHz
	Maximum number of devices in Monitor mode	60
Antenna	Antenna connector	SMA
Service	Transmission mode	EEP F6, D5, A5
USB	Power supply mode	Low current mode, 5V DC
	Connector	USB-C
Operating conditions	IP code	IP20
	Operating temperature	-10 °C to +40 °C
	Relative humidity	max. 80 %
Dimensions	Dimensions without antenna	80 x 171 x 30 mm (W x H x D)
Weight	Weight with antenna and internal battery	225 g
Box material	Plastic	ABS

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