

ELSER[®]
MotoAlarmSystem

600V2 GPS / 600V1

Installation & user manual

INTRODUCTION

We design security solutions that are constantly adapted and upgraded to the highest quality standards and in accordance with the specifications of motorcycles, ATVs, scooters and other motorcycle-type machines with a 12V battery voltage.

Thank you for your choice!

ELSER 600V2 GPS

THIS SYSTEM INCLUDES

Security Unit: With built-in 122dB siren.

Backup Battery: Ensures continuous operation even in case of power failure and activates the unit's siren.

HOPPING CODE: Protects the system from possible hacking attempts.

GPS Tracker: With backup battery ensures continuous GPS operation even in case of power failure, provides fast and reliable real-time tracking, regardless of location, offering superior protection to your motorcycle.

GPS Platform: Easy-to-use application for mobile phones, computers and tablets for immediate access to data and notifications via email and push notifications.

3D Sensor: Detects tilt, movement and vibrations and activates the siren in case of attempted theft.

Sleep Mode: Built-in automatic configuration keeps the motorcycle battery charged for longer.

Starter - kill: Prevents thieves from starting the engine while the alarm is armed (Optional).

ELSER 600V1

THIS SYSTEM INCLUDES

Security Unit: With built-in 122dB siren.

Backup Battery: Ensures continuous operation even in case of power failure and activates the unit's siren.

HOPPING CODE: Protects the system from possible hacking attempts in case of attempted theft.

Sleep Mode: Built-in automatic configuration keeps the motorcycle battery charged for longer.

Starter - kill: Prevents thieves from starting the engine while the alarm is armed. (Optional)

System security and anti-theft functions

ELSER 600v2 GPS & 600V1

System Arming with Tilt and Shock sensor



Before security arming, make sure that: Ignition switch is off. The arming delay of the security unit is 15 seconds.

Press and release the button  the siren will chirp once and parking light once motorcycle's flashers will light up once, confirming that the system is armed w/tilt and shock sensor.

System Arming with Tilt sensor w/shock sensor bypass

Press and release the button  the siren will chirp once and the motorcycle's flashers will light up once. Within 3 seconds, press the button again  the siren will chirp two more times and the motorcycle's flashers will flash once more, confirming that the system is armed w/tilt sensor.

System Arming with Tilt and Shock Sensor & Perimeter Sensor (optional)

Press and release the button  the siren will chirp once and the motorcycle's flashers will light up once. Within 3 seconds, press the button  the siren will chirp once and the motorcycle's flashers will flash one more time, confirming that the system is armed w/tilt, shock sensor and (perimeter sensor optional accessory).

Motorcycle search in a Parking lot and Panic mode



System is armed.

Panic mode

Press and release the button *

The siren will activated and the turn signals will flash for 30sec

Motorcycle's location



Press and hold the button * for 3 seconds. The siren does not sound and motorcycle's flashers will flash to inform the owner of the motorcycle's location.

Silent Arming / Disarming

Press the button X the system will respond by flashing the motorcycle's flashers once, confirming that the system is silently armed.

Disarming:

Press the button the system will respond by flashing the flashers two times, confirming that the system is disarmed.

System Disarm

Press and release the button the siren will chirp twice and the motorcycle's flashers will flash twice, confirming that the system is disarmed.

System Disarm (after 5 days)



If the ignition switch remains in the OFF position for 5 days, the receiver will enter sleep mode, and it will not be able to control the central unit. **Turn the ignition**

switch to the ON-OFF position, and within 15 seconds, Press and release the button the siren will chirp twice and the motorcycle's flashers will flash twice, confirming that the system is disarmed.

Security Disarming without remote control (Factory default)



Use this feature in any case the remotes are lost or are not functioning correctly.
System Armed

Turn the switch ignition to the ON position. The siren will activate.

- Within 15sec, turn ignition switch ON/OFF (5) five times and stay in the ON position.
- The siren will stop sounding from the previous triggered state and will start emitting soft siren sounds.
- At 5th fifth soft siren sound, turn the switch ignition OFF.
- If the procedure is followed correctly, the system will disarm with two siren sounds

Security Disarming with personal PIN code - Password setup and changing



This ELSE security system allows the user to program a personal disarming password to provide a higher level of security for the motorcycle's security system.



While the system is in the disarmed state.

- Turn the ignition switch ON/OFF (5) times and remain in the OFF position.
- Press and hold the button ***** of the remote control.
- The system will emit five soft siren sounds (factory default).



This setting is based on siren sounds, and you can choose from (1) to (9) siren sounds.

Press and release the  button of the remote control as many times as needed to increase > the level of the personal PIN code by one step at a time, the system will respond with siren sounds **(the maximum level is 9)**.

Press and release the  button as many times as needed to decrease < the level of the personal PIN code by one-step at a time, the system will respond with siren sounds **(the minimum level is 1)**.

After you select your personal PIN CODE, turn the ignition switch to the ON/OFF position, the system will emit one long siren sound to confirm the saving and exit.

Remote Registering to the System Memory

The coding of new remote controls is performed in disarmed mode in the following order:

ATTENTION



Disable the unit's built-in battery if it is activated.

- Unplug the power fuse from the system and plug again, the system will emit (2) two siren sounds, and the motorcycle's flashers will flash.
- Turn the ignition switch ON/OFF (3) times and stay in ON position.
- The system will emit (2) two siren sounds, and the motorcycle's flashers will flash.
- Within 6 seconds, press and hold the button  the system will emit (2) two siren sounds.
- Repeat step 2 to register the second remote control; the system will emit an additional (2) two siren sounds.
- To exit the remote control coding menu, turn off the ignition switch.



SENSOR SETTINGS

You can adjust the shock and tilt sensors using the remote control.

SHOCK SENSOR ADJUSTMENT

The adjustment of the shock sensor is performed in disarmed mode in the following order:

Turn the ignition switch to the ON position.

Press and hold the ***** button of the remote control for 5 seconds; the siren will emit 3 sounds (factory setting is 3 sounds).

- Press the button  to increase > the shock sensitivity level by one-step each time; the system will respond with siren sounds (5 sounds - max sensitivity).
- Press the button  to decrease < the shock sensitivity level by one-step each time; the system will respond with siren sounds (1 sound - min sensitivity).

After adjusting the shock sensor sensitivity, to continue adjusting the tilt sensor (factory setting 5 sounds).

TILT SENSOR ADJUSTMENT

Press and release the ***** button of the remote control; the siren will emit 5 sounds.

- Press the button  to decrease < the tilt sensitivity level by (1) one step each time; the system will respond with siren sounds (1 sound - min sensitivity).
- Press the button  to increase > the tilt sensitivity level by (1) one step each time; the system will respond with siren sounds (5 sounds - max sensitivity).

After the adjustment, to save and exit, turn the ignition switch to the OFF position.

How to Activate the Built-Battery



While the system is in the disarmed state, ignition switch to the ON position.

Press and hold button 1  and button 3  for 1 second together. The siren will chirp (2) twice and the flashers will flash (2) twice, confirming that the system has activated the backup battery.



Step 2: Repeat the same process; the siren will chirp (1) once, and the flashers will flash (1) once confirming that the security system has disabled the built-in battery.

Installation and connection of the system

General installation requirements

Find the ideal point by placing the unit and organizing the wiring on the particular motorcycle, a procedure must be followed for the system to function properly.

Check the spaces and construction of the motorcycle, to decide what is the best available space for mounting the unit and accessories.

Before installation, make sure all the motorcycle equipment and circuits, to which the systems to be connected, are in good condition and no any original equipment errors are indicated.

Mount all the wires on the distance from electric interference sources: ignition coils, high voltage spark cables and so on. Make sure the system wires are not in touch with the motorcycle movable parts, such as pedals, steering gear and so on.

Due to the same colors of the cables, do not cut the system cables as this may cause damage.



Cables cut from the system connectors, will VOID the warranty.



After installing the system, activate the built-in backup battery of the system.

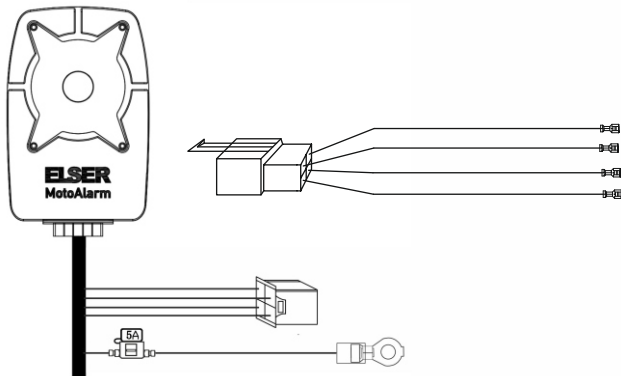
Main unit wiring information

Black connector 10PIN

it is divided into black 4PIN connector and constitutes the central wiring of the alarm unit



Installation is designed to be easy and quick.



Black connector 4PIN

Black wire: (-) ground or to the negative pole of the battery.

Gray wire: +12V output with fuse on the right turn signal.

Gray wire: +12V output with fuse on the right turn signal.

Orange wire: +12V input to the ignition switch.

Black cable: with fuse and terminal, connection to +12 Volt battery pole.

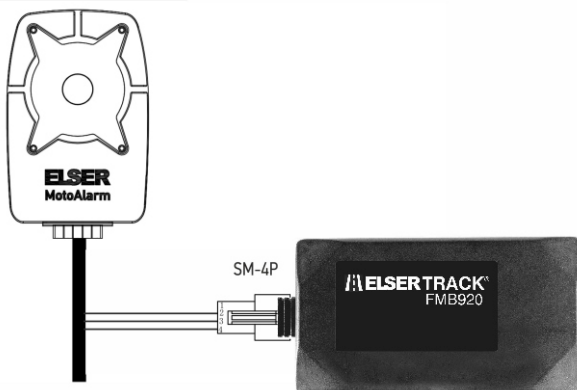


IMPORTANT:

- When the central unit is supplied with (+) and (-) 12V voltage, the system will emit two siren sounds.
- Make sure that the siren does not face towards the ground.

GPS tracking

Pair your alarm system with ELSER TRAC to get GPS Tracking on your smartphone for added security and convenience!



Installation of GPS ELSER TRACK Device

Connect the black cable of Elser Track device to the accessory wiring directly to the black 3PIN with a three-wire plug that the main unit wiring has.

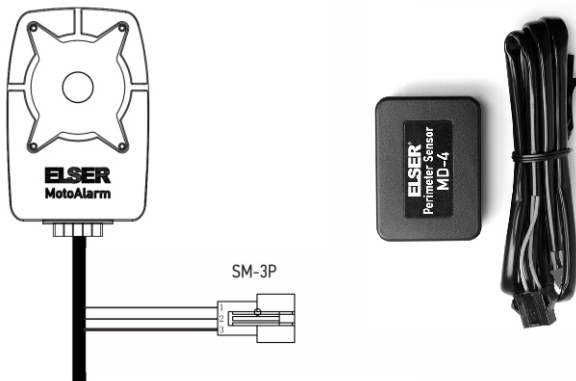


Upgrade your security system for even more security

Optional Accessories

MD-4 Perimeter sensor

MD-4 Perimeter sensor Safety with perimeter protection – Detects movement around the motorcycle designed with 3 warning levels.



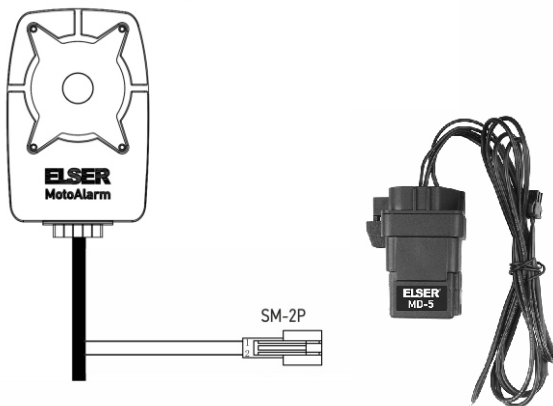
Installation MD-Perimeter sensor

Connect the black cable of the MD-4 device to the accessory wiring directly to the black 4PIN with a three-wire plug that the main unit wiring has.

It is recommended to place the sensor under the seat as close to the center of the motorcycle as possible to protect it from water.

NOTE: The unit is not protected from water, it is recommended to protect it with a bag after setup.

Starter kills



Starter– kills MD-5 Eliminate motorcycle theft by preventing thieves from starting the motorcycle engine while the ELSER security system is armed.

Installation

Connect the black cable of the MD-5 device to the accessory wiring directly to the black 2PIN with a two-wire plug that the main unit wiring has.

