



GSM KEY | QUICK MANUAL LITE 3+

GSM KEY LITE 3+ is used to control the electric drive of gates, barriers and doors by mobile phone. Opening and closing is FREE and is done by calling the phone number of the SIM card located in the device. GSM KEY LITE 3+ has one outputs port (OUT) to connect the gate or door operator and two input ports (IN1, IN2) to connect stop sensors or other peripherals. Authorization is done through the list of phone numbers stored in GSM KEY LITE 3+ controller's driver memory.

INSTALLATION

When mounting the device, pay extra attention to work safety. The device should only be installed by qualified and properly trained personnel. Please read this manual carefully before starting installation and commissioning. If the power supply is used for powering the device, it must meet the SELV circuit requirements and comply with EN60950. If batteries or accumulators are used, they must also comply with the relevant standards.

In case of any confusion, contact your authorized assembly company from www.gsmkey.cz in section „Installation Companies“ or SECTRON Tech. Support at hotline@sectron.cz, +420 599 509 599.

We recommend you read the manual before installing and connecting the device to the gateway. The device is intended for indoor installation or installation in a waterproof plastic cabinet. The device can be powered by a power supply from a 230 V AC socket **using another voltage source with output 12 V / 24 V** at least 1 A (recommended).

FOLLOW THE POINTS OF INSTALLATION GUIDE

FIGURE 1

GSM KEY LITE 3+ controller illustration from two sides and contents of the package.

- Antenna
- 8-pin terminal block
- 2-pin terminal block
- 3M Dual Lock (self-adhesive Velcro fastener)
- 2x double-sided cable 0,5m

FIGURE 2

You will need a small cross screwdriver for installation (not included in the package).

FIGURE 3

Insert the SIM card you want to use in the GSM KEY controller into your mobile phone.

- Activate the SIM card with an outgoing call (e.g. operator line)
- Disable PIN lock
- Disable voice mail
- Delete all SMS messages
- **IMPORTANT: Delete all contacts on SIM card (Credit, Emergency, Operator etc.)**

FIGURE 4

Put the SIM card, you set up, from your mobile phone to GSM KEY LITE 3+ controller.

FIGURE 5

Illustration of extended 8-pin terminal block for 1x output and 2x inputs. Illustration of extended 2-pin terminal block for power cables.

FIGURE 6

Schematic representation of the OUT output connection with the gate's drive (START pins). Schematic representation of the power supply connection.

FIGURE 7

Install the antenna into the connector on the front left. Connect 8-pin terminal block with connected signals of inputs and output into GSM KEY LITE 3+ unit.

FIGURE 8

Connect the power supply 2-pin terminal block last. The device will be running in about 1 minute, which will be signaled by blinking the blue LED in 1:5 ratio.

FIGURE 9

This makes your GSM KEY LITE 3+ controller ready for use and you can test its functionality by calling from any phone number. Paste the first user into the GSM KEY controller's list by using the following SMS template:

ADD MASTER +yyyxxxxxxxx

(where +yyyxxxxxxxx is your phone number in international format).

If you did not add a MASTER user first, reset the device by pressing the button. Disconnect the power and then press and hold the power button, while you connect the power, for 10 seconds.

If you are using a VPN service, the caller number may show differ. Check with your operator.

Users can be divided into two groups:

A) REGULAR USER – no rights to administrate GSM KEY LITE 3+ controller, only open/close connected device by calling (maximal number of 50 users).

B) MASTER USER – user with rights to administrate GSM KEY LITE 3+ using SMS / mobile application (maximal number of 50 users).

Attention:

Next user you would like to add MASTER, has to have number or name right after „MASTER“ (without space).

Sample user list:

MASTER	+420xxxxxxxx
JOHN	+420xxxxxxxx
MASTERFATHER	+420xxxxxxxx
MASTER2	+420xxxxxxxx

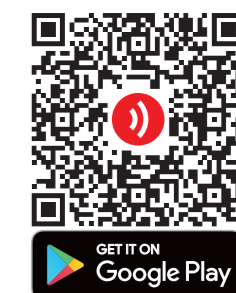
SMS MESSAGES

Administration using SMS messages is accessible only to users who's name starts with the word MASTER.

Request	SMS Template	SMS Example
Add new user	ADD name number	ADD Doe +420777123456
Remove user	DEL name	DEL Doe
Current user list	LIST	LIST
Clear user list	CLEAR	CLEAR
Default setting reset	DEFAULTS	DEFAULTS

Parameters	
GSM Module	Gemalto M2M GmbH Cinterion BGS5
GSM Frequency Bands	850/900/1800/1900 MHz
Operating temperature	-20 °C to +65 °C
Storage temperature	-40 °C to +85 °C
Power Supply	12 – 30 V AC / 8 – 30 V DC
Recommended Voltage	12 - 24 V AC/DC
Power consumption	1 W / 3.5 W (receive / transmission)
Antenna connector	SMA(f) 50 Ohm
Dimensions	24 x 54 x 86 mm
Weight	120 g

NEW APPLICATION SECTRON GSM KEY AVAILABLE





GSM KEY | QUICK MANUAL
LITE 3+

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MANUAL DOWNLOADS

