SOLO-NX EXT – QUICK START GUIDE

*** FOR HASSLE FREE SET UP, START HERE ***
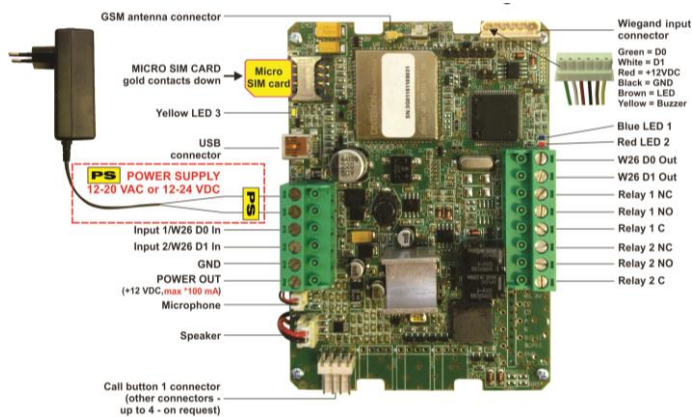Please use web server on: **www.easyset.eu**

1. **Read this Quick Start Guide first…**
2. Install power supply wiring from PS source to location.
3. Mount antenna up high away from speaker with gold connector at intercom location.
4. **IMPORTANT: USE A MICRO SIM CARD (Micro-SIM) WITH MEMORY FOR UP TO 250 CONTACTS!** Insert SIM card to be used for SOLO device in your personal mobile phone to erase PIN code.
5. **IMPORTANT: ERASE THE PIN CODE ON SIM CARD!**
6. **Insert SIM card in SOLO device** – gold contacts down and cut off corner RHS. **The unit must be switched OFF when you insert the SIM!** **Insert SIM carefully as SIM holder is fragile if forced!**
7. Connect outputs to SOLO device.
8. Connect power cable to SOLO device.
9. Connect SOLO device to source power supply voltage.
10. Wait until YELLOW LED start flashing in 5 second interval (0,5 sec ON / 5 sec OFF) and BLUE LED (LED 1) starts flashing. This is set in around 30 seconds.
11. SOLO unit is now ready to operate.
    IMPORTANT: Before sending any SMS commands, the device must be in normal operation mode!

WIRING

Wiring is minimal. Apart from Power supply to SOLO & door release wires, there is no other required wiring.

*Do not use the Power out (12V AUX) for electric lock driving! You can use it to power external sensors: Short-term current load (up to 1 minute) - up to 500mA; Long-term current load - up to 100mA! Use separate power source for door electric lock!

PROGRAMMING SETTINGS BY SMS (TEXT)

Note: You can send individual commands like: *;ATN1=07798765432;* or together in one long text as shown below in text. **Don't exceed 160 characters. Text message must be written without spaces! It must start and end with semicolon ";".**

SET NUMBERS TO CALL (in order 1 – 5):
;ATN1=xxxxxxxxxx;ATN2=xxxxxxxxxx;…;ATN5=xxxxxxxxxx;

SET DELAY TIME (before calling next number):   *;RTNA=20;*

CHANGE SPEAKER LEVEL (default is 10 max is 20):
;SPK=12;

CHANGE MICROPHONE LEVEL (default is 15 max is 40):
;MIC=15;

SET AUTHORISED CALLER ID (CLIP) USERS (up to 1000):
;CLP1=07798765432;CLP2=xxxxxxxxxx;CLP3=xxxxxxxxxx;CLP4= xxxxxxxxxx;CLP5=xxxxxxxxxx;CLP6= xxxxxxxxxx;CLP7…(up to 1000);

SET OUTPUT SWITCHING CONFIGURATION:
Output 1 (3 second pulse default = *;OS1=3;*). Change to 5 second pulse *;OS1=5;.* Change to latching (ON/OFF): *;OS1=1;*

Output 2 (3 second pulse default = *;OS2=3;*). Change to 5 second pulse *;OS2=5;.* Change to latching (ON/OFF): *;OS2=1;*

First call ON/Second call OFF: If you send *;OS1R=1;* (for Output 1) or *;OS2R=1;* (for Output 2), The outputs will be set up to switch so the **1st call** switches the Output **ON** and **next call** switches it **OFF**.

SET USER TO RECEIVE THE ALERT: Send: *;LN6=1;TN1=07798765432;* using your own User phone number.

OPERATION & TESTING
Follow these steps to test the system…
1.SWITCH ON THE POWER: The device will beep once every 10 sec. as it searches for the network. When it connects you will hear 3 quick beeps. BLUE LED starts flashing (2 – 5 are recommended).
2.PROGRAM BY SMS: Send minimum setting *;ATN1=07798765432;* (using your own phone number).
3. PRESS CALL BUTTON: The device initiates the call: you hear beeps to starts dialing and then a ringtone; (which can be muted: *;MUT=1;*)
4. OPEN THE DOOR: Press 11 and Output Relay 1 will switch or press 21 and Output Relay 2 will switch.

SWITCHING RELAY OUTPUTS: 4 ways to switch the outputs:
1. DURING AN INTERCOM CALL (DTMF): Press **11** for Output 1 **'ON'** & **10** for Output 1 **'OFF'** (if set to latching) and **21 for Output 2 'ON'** & **20** for Output 2 **'OFF'** (latching only).
2. BY SMS: Send: *;ORC1=1;* for Output 1 **'ON'** & *;ORC1=0;* for Output 1 **'OFF'** (if set to latching) and *;ORC2=1;* for Output 2 **'ON'** & *;ORC2=0;* for Output 2 **'OFF'** (latching only).
3. BY CALLER ID (dial in): Call the device from one of the programmed Caller ID numbers (CLP1 – CLP1000). Send *;CLPEN=2;* for operating by any number. Send *;CLPEN=1;* to set back to auth. CLIP Users only.
4. PRESS TO EXIT: You can connect *your own pushbutton* to Alarm Input 1 & ground and switch Output 1 by pressing it. Send: *;OD1=1;* and then connect the button (activate Input 1).

EASYSET PROGRAMMING SOFTWARE
Test the unit before trying to use programming software!

NOTE: If you are using 1 or a few users or few PIN access codes, it is far more efficient to use the above SMS setup procedure.

1. Get the software EasySet & USB driver files from the CD or WEB.
2. Install the EasySet software (please be carefull to download the correct PC program - x86 or x64)**:** Double click on ***.msi** file.
3. Plug device into your PC with *USB to Mini USB cable***:** With valid SIM card and in normal operation mode – the SOLO device must be registered on the GSM network, BLUE LED: 2 – 5 flashes.
4. Start EasySet SW: Double click on **EasySet icon.** The SOLO must be connected to PC via USB. Select connection port: choose the COM port number (Device manager → Ports) and click **Connect**.
5. Program settings: Always "Read configuration" first, before any programming action by PC. Go through the tabs to change settings. From the **'Home'** tab press **"Send configuration"** to program the SOLO device. Then **"Save configuration to file"** for future access via **"Load configuration from file"**.

TROUBLESHOOTING
Please check the following before calling for support:
1. Will not connect: Change network, move antenna or check if connected properly, try before installing: BLUE LED should flash 2– 5 times.
2. Audio interference on the phone: Move antenna to new location, improve signal, don't put antenna near speaker.
3. Will not call: Set User number/s to call (ATN1 – ATN5) or check SIM card is working in a phone first.
4. Gate release doesn't work: Check connections on gate control side.

TECHNICAL SUPPORT
See the complete Installation Manual for full information. This is a basic "Quick Start Guide" only. Please contact your Supplier for further information, if you have tried the above and cannot resolve the issue.

Web Server: www.easyset.eu

Our Android apps EasySet you can install free of charge from Google Play:

https://play.google.com/store/apps/details?id=com.marscommerce.esweb

https://play.google.com/store/apps/details?id=com.marscommerce.easycontrol

Our IOS apps EISWARE you can install free of charge from Apple Store:

https://itunes.apple.com/app/eisware-web/id1137960053?mt=8

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