TSP-5314 / TSP-5324 / TSP-5208
INSTALLATION AND PROGRAMMING MANUAL

PARS SERIES
Intruder Alarm System

V1.1
Revision Date: 10.10.2019

1. TABLE OF CONTENTS

2. LIST OF FIGURES

3. IMPORTANT WARNINGS

GENERAL :
Read these instructions carefully before operating the devices and keep it for future reference. Observe all warnings and precautions specified in the instructions. Follow all operating instructions.

- ✓ Keep devices away from water and moisture.
- ✓ Mount this device to a solid surface to avoid damage to device or environment.
- ✓ Always use the device in its own box.

ENVIRONMENTAL CONDITIONS:
Do not operate the device in extremely hot or cold environments except under the following conditions.
Temperature : Between -20°C ~ +70°C
Humudity : 0… %90rH

VENTILATION:
This device does not need ventilation.

POWER SUPPLY :
Only use the device with the voltage specified in these operating instructions. If you are not sure about the supply voltage of the device, please contact your dealer or manufacturer.

GROUNDING AND POLING:
Make sure the grounding is connected properly before applying power. Make sure that the supply voltage is correct.

POWER CABLE PROTECTION:
Protect the power cord from being crushed or broken.

POWER LINE :
Especially for external applications, supply a separate line from the power line of devices such as lighting lamps or power circuits and keep them away from the line of other devices.

OVERLOAD :
To avoid the risk of electric shock or fire, do not connect device(s) that will draw extra current to extension cords and sockets.

OBJECT AND LIQUID INPUT:
To avoid the risk of fire and electric shock, make sure that no liquid or other objects can enter the control panel.

SERVICES :
Do not attempt to repair the appliance yourself, you may be exposed to electric shock if you open the appliance door.
In the event of any malfunction, contact your dealer or authorized service. Technical intervention to the device must be performed by qualified service personnel.

FAULT CONDITIONS REQUIRING SERVICE:
In the event of any malfunction or in the following cases, contact your authorized service or dealer.

- ✓ When the power cord or plug is damaged
- ✓ When any liquid flows or any object falls into the device
- ✓ When exposed to water or rain
- ✓ If the device has been dropped or the housing has been damaged
- ✓ If the device has noticeable performance changes
- ✓ If the device does not operate normally according to the operating instructions, call for service as improper operation may result in further malfunctions.

SPARE PART:
If the repair process will be done by replacing any parts; Make sure that the service technician uses original or equivalent parts to avoid the risk of fire, electric shock, or other malfunction.

SECURITY CHECK:
Request service from your dealer to check that the device is operating in healthy, proper and safe conditions.

TRANSPORTATION:
The device must be handled carefully so that it is not exposed to any external impact and does not oppose the ingress of liquid. Malfunctions during improper handling are not covered by the warranty.

HUMAN AND ENVIRONMENTAL HEALTH:
This device does not contain any chemical or biological substances that may harm human health.

WHAT YOU CAN DO ON YOURSELF:
Do not attempt to repair the appliance yourself, as you may be exposed to electric shock if you open the device box. In the event of any malfunction, contact your dealer or authorized service. Technical intervention to the device must be carried out by qualified service personnel. The device should be cleaned with a dry cloth. Do not use any chemicals.

4. INTRODUCTION

Teknim Pars series alarm panels are user-friendly and capable of responding to many requests with 4+4 / 8+8 zone options and built-in PSTN / GSM-GPRS options. It's offers easy of use for end users and allows the installer to make easily commission the required features according to the user's demand.

Easy Installation;
- ✓ Mount the Panel to wall with four holes, screws and dowels are in the box.
- ✓ Suitable for flush or surface mounting for easy cable entry.
- ✓ Function is written at each end of the terminal group. Connect all the cable of each devices without mixing.
- ✓ Connect the telephone line.
- ✓ Plug the power supply socket.

Easy Maintenance;
- ✓ Current status, error-fault information is displayed, gives the necessary warnings instantly.
- ✓ Test functions allow you to test each component and hear the result audibly and visually.
- ✓ All events are stored in memory, can be easily viewed later.
- ✓ Uses a maintenance-free dry type battery.

Easy Programming;

- ✓ The settings for each feature are grouped together. This makes your installation easier.
- ✓ The majority of the setting parameters must be multiple-choice.
- ✓ The panel can be commissioned by simply entering user passwords and phone numbers.
- ✓ All settings can be transferred from panel to computer or from computer to panel with PC software and connection cable.

Easy Usage;

- ✓ Arm and Disarm by only Code.
- ✓ One-touch quick arm methods.
- ✓ Arm – Disarm by Keyfob.
- ✓ Arm – Disarm by Phone.
- ✓ Arm – Disarm by Key.
- ✓ Weekly programmable Arm – Disarm and Arm when no movement.
- ✓ Arm – Disarm by Mobile Application (TSP-5324 or with TXM-5272 Module)

Easy Automation;

- ✓ PGM outputs can be programmed weekly with associated timers.
- ✓ PGM outputs can be activated when there is movement in the associated zone or partition.
- ✓ PGM outputs can be enabled to be active when an alarm is set in the associated partition.
- ✓ PGM outputs can work like SRN in the associated partition.
- ✓ PGM outputs can be activated when fire is detected or reset fire detectors.
- ✓ PGM outputs can be remotely controlled by telephone.
- ✓ PGM outputs can be controlled by keypad.
- ✓ PGM outputs can be controlled by mobile application (TSP-5324 or With TXM-5272 Module)

Easy Management;

- ✓ Users codes canbe limit by date or entery-exit time.
- ✓ Users authorized partitions can be restricted.
- ✓ Keypads can be restricted for users.

5. SYSTEM FEATURES

Inputs;

	TSP-5314	TSP-5324	TSP-5208
Zone	4	4	8
Double Zone	Yes (8)	Yes (8)	Yes (8)
Zone Connection	NC-NO-Resistence Free	NC-NO-Resistence Free	NC-NO-Resistence Free
Keypad Zone	Var	Var	Var

Outputs;

	TSP-5314	TSP-5324	TSP-5208
PGM Outputs	1 (NC-NO)	1 (NC-NO)	1 (NC-NO)
Siren Outputs	1	1	1
Siren Time	2-255 Sec	2-255 Sec	2-255 Sec

Electric – Mechanic;

	TSP-5314	TSP-5324	TSP-5208
Power	230VAC 50Hz	230VAC 50Hz	230VAC 50Hz
Panel Fuse	125mA	125mA	125mA
Circuit Protection	Yes	Yes	Yes
Siren Out	500mA	500mA	500mA
AUX Out	750mA	750mA	750mA
PGM Out	500mA	500mA	500mA
Panel Voltage	12V	12V	12V
Output Current	1,5A	1,5A	1,5A
Dimentions	W: 260mm H: 300mm D: 39/95mm	G: 260mm Y: 300mm D: 39/95mm	G: 260mm Y: 300mm D: 39/95mm
Weight	1690gr (Unpacked) 1980gr (Packed)	1690gr (Unpacked) 1980gr (Packed)	1690gr (Unpacked) 1980gr (Packed)

Keypad;

	TSK-5710	TSK-5718
Keypad Support	4	4
Special Keys	Panic, Fire, Medical	Panic, Fire, Medical
LCD	Yes	No
LED	No	Yes
Keypad Backlit	Yes	Yes
LED Indicator	Yes	Yes
Event Memory	Yes	Yes
Chime	Yes	Yes
Dimensions	W: 171,5mm H: 120mm D: 20/36mm	W: 171,5mm H: 120mm D: 20/36mm

Usage Features;

- ✓ Passwords; 1x Master, 1x Engineering, 9x User, 1x Guest. All Four Digit
- ✓ 255 Event History (With Dates)
- ✓ 6 User Phone Number
- ✓ Two different ARC Support
- ✓ Two ARC number for Each ARC
- ✓ Manuel Bypass
- ✓ Configuration Software by PC
- ✓ 2 Weekly timer program
- ✓ Remotly controllable PGM by Mobile Application or Phone.

ARM and Disarm;

- ✓ Quick Arm,
- ✓ Partition Arm - Disarm,
- ✓ Home – Away Arming,
- ✓ Auto Arm - Disarm (Weekly Program) Arm When No Movement,
- ✓ Arm – Disarm by Key
- ✓ Arm – Disarm by Keyfob
- ✓ Arm – Disarm by Phone
- ✓ Arm – Disarm by Mobile Application (TSP-5324 or with TXM-5272 Module)
- ✓ Panic, Fire and Medical Alarm by Keypad

6. INSTALLATION

6.1 GENERAL

When you unpacked the control panel first time from the package you will find screw and EOL Resistors inside which you can use for zone doubling.

After drilling holes in the wall with 8mm drill, the panel can be mounted on the concrete wall by using screws. The panel box consists of two parts, the body and the lid. The four screws on the cover can be removed with screwdriver.

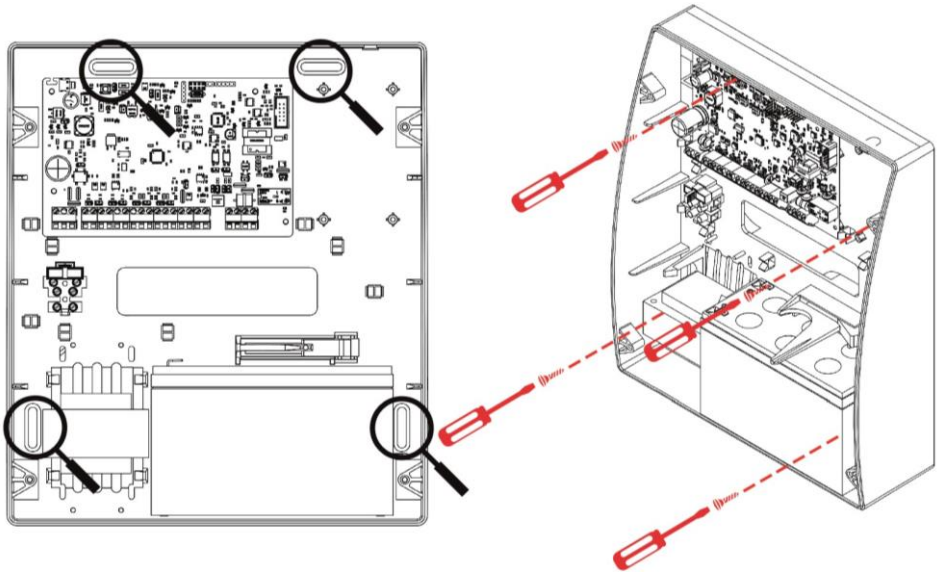


Figure 1: Installation

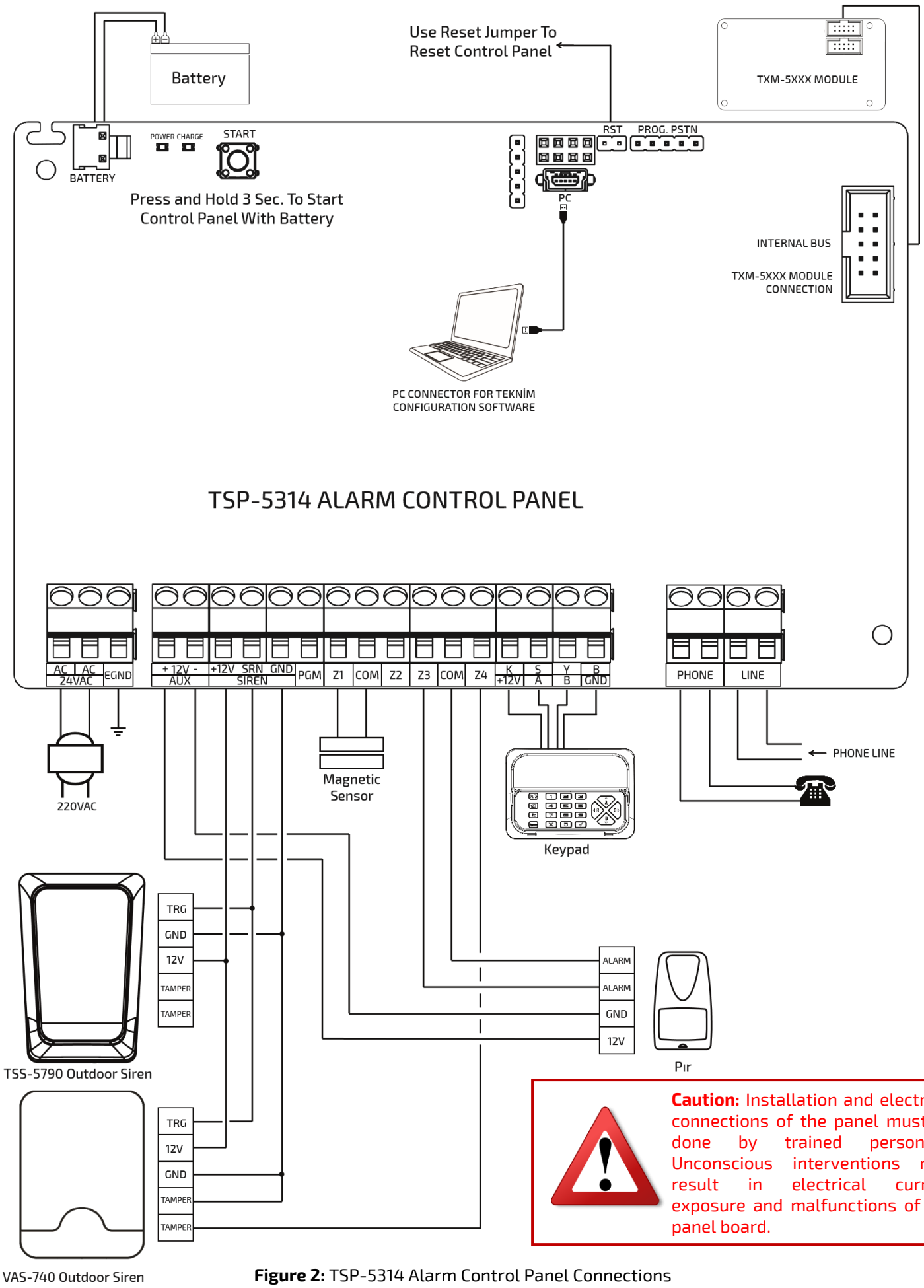
Detectors, siren, keypad, telephone connections are made by using the appropriate cable. Make sure all connections are correct before the mains connection. It is recommended to use LIYCY cable with outer braided wire shield and foil and to connect the shields with a wire to the ground line at the mains terminal.

It is also recommended to connect the shield on the keypad cable to the EGND (ground) on the panel and keypad side. 3x0.75 mm^2 standard cable can be used for electrical mains connection.

Important: This device must be installed in a place free from dust and moisture. Suitable for indoor installation.

WARNING: Do not energize the panel until the installation is completed and all connections are correct.

6.2 PANEL CONNECTION DIAGRAM



Caution: Installation and electrical connections of the panel must be done by trained personnel. Unconscious interventions may result in electrical current exposure and malfunctions of the panel board.

Figure 2: TSP-5314 Alarm Control Panel Connections

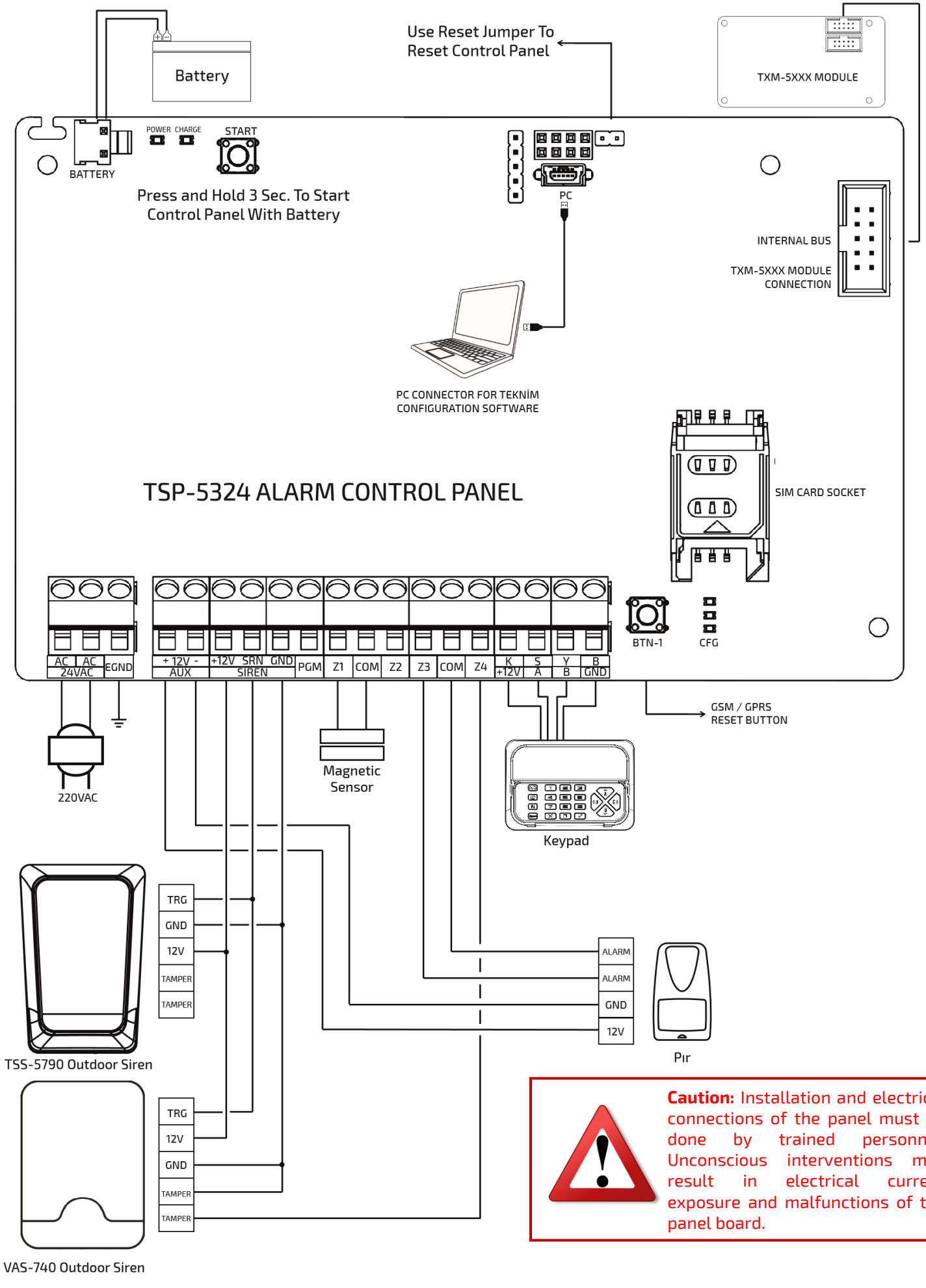
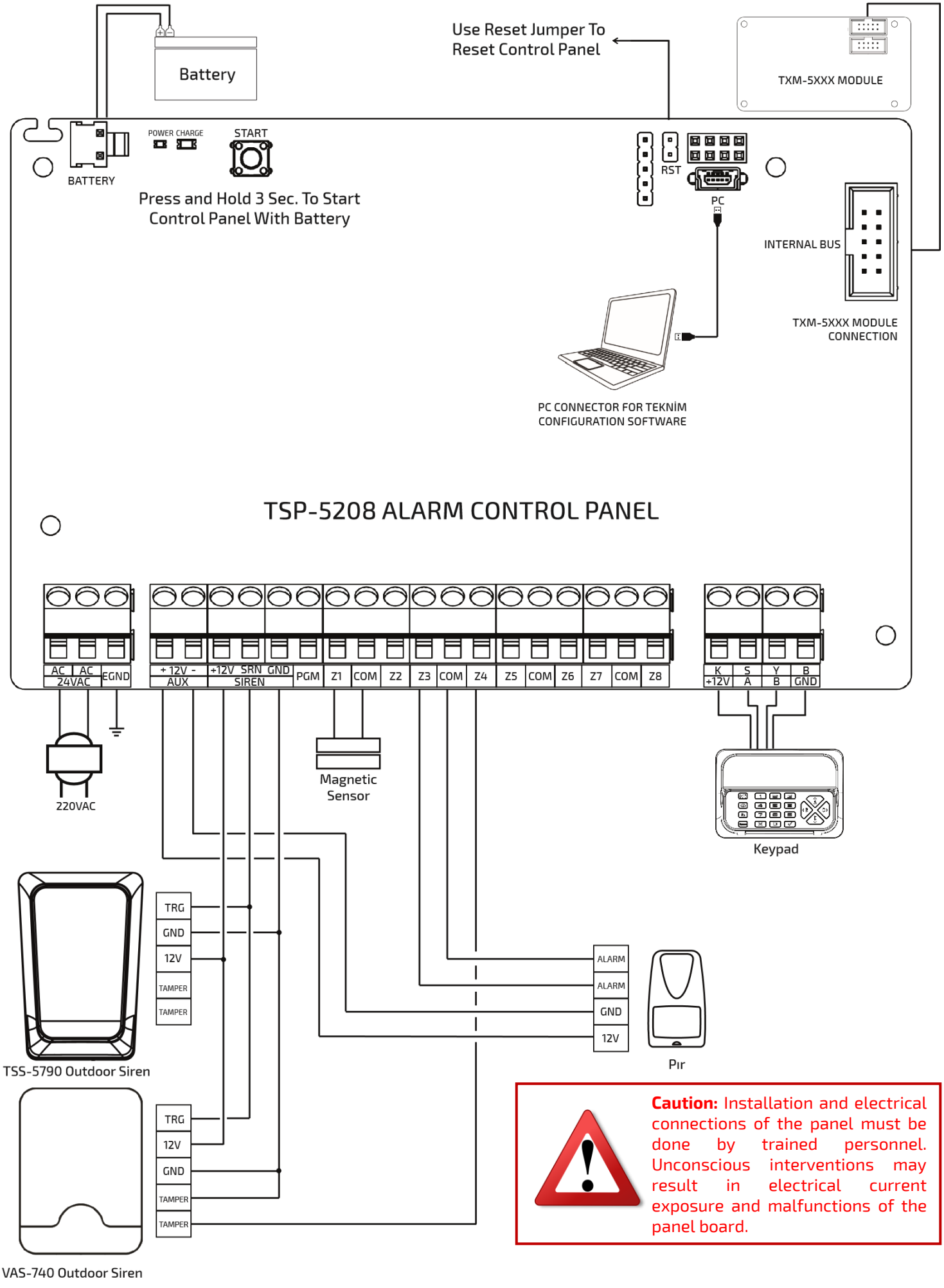


Figure 3: TSP-5324 Alarm Control Panel Connections



Caution: Installation and electrical connections of the panel must be done by trained personnel. Unconscious interventions may result in electrical current exposure and malfunctions of the panel board.

Figure 4: TSP-5208 Alarm Control Panel Connections

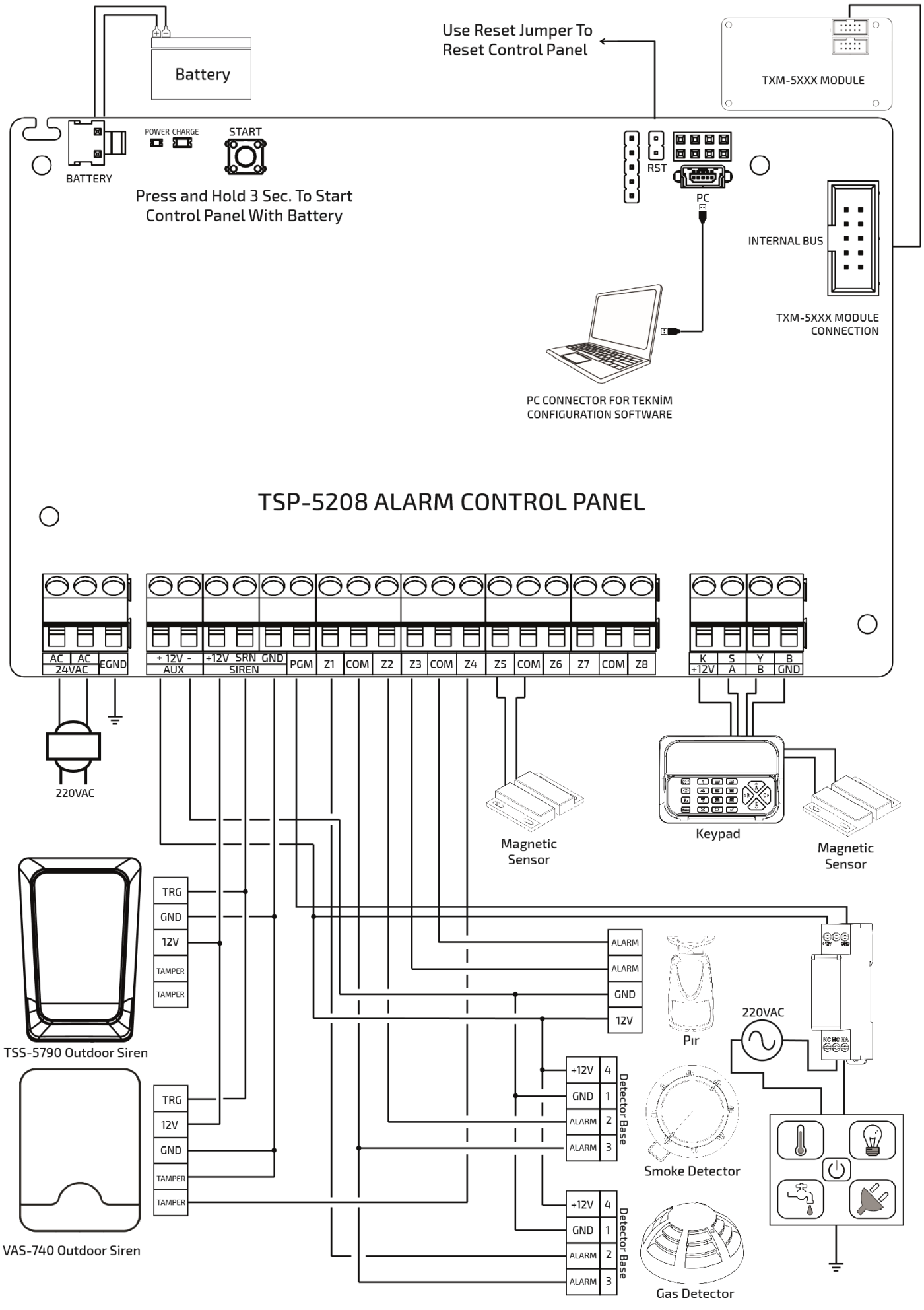


Figure 5: TSP-5208 Alarm Control Panel Connections

6.3 OUTDOOR SIREN CONNECTION

Sounder connection is made from 12V, SRN, GND terminals. 12V and GND are used to feed the siren. This feed can be used for more than one siren. The siren trigger output of the panel is SRN. Programmable as NO (Normally Open Contact) or NC (Normally Closed Contact).

Important: When two sirens are connected to the system, one of the sirens must be set to INT to reduce the current drawn from the panel.

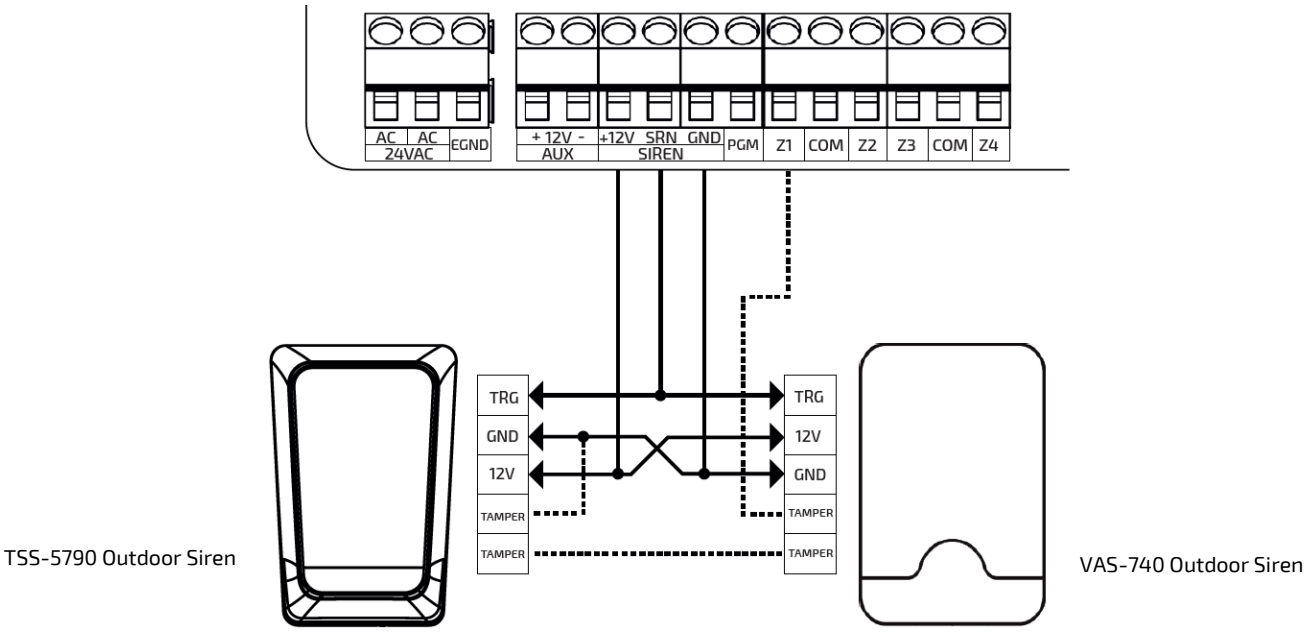


Figure 6: External Siren Connection

6.4 DEDECTOR CONNECTION

6.4.1 Connection Without Resistor

The terminals of the detectors are basically relay contacts, and these two terminals are connected to one of the terminals **Z1, Z2, ..., Zn**. and **COM**.

The detectors that require power are supplied from the **12V +** and **-** terminals of the **AUX** terminal group. Z1, Z2, ..., Zn zone inputs can be programmed as input activation status NO or NC, end-of-line resistor (single resistor, double resistor), without resistor or double zone.

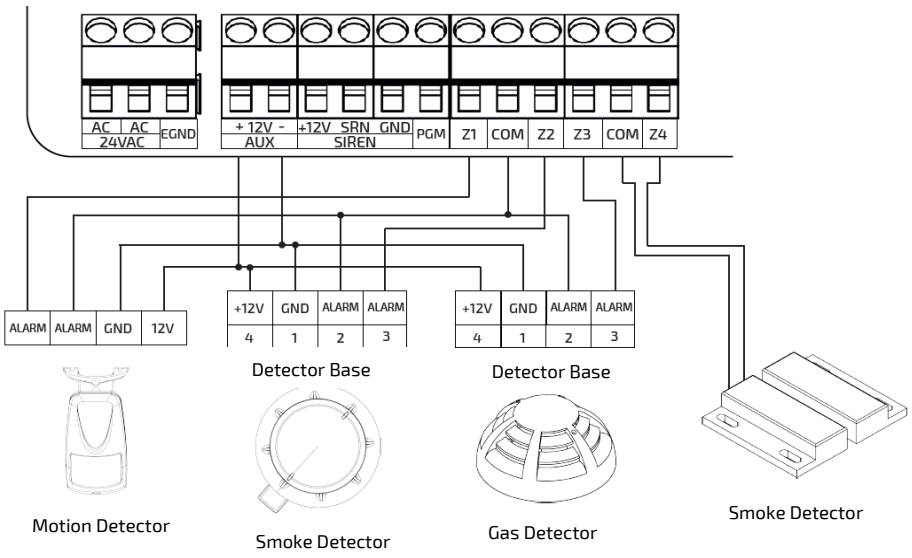


Figure 7: Detector Connections

Figure 7 shows an example of connection of PIR detector, Smoke Detector, Gas Detector and magnetic contact to the panel without end-of-line resistor connection type.

6.4.2 End of Line Resistant Connection

Using end-of-line resistance has advantages. When a single end-of-line resistor is used, a break in the detector cable may be detected as sabotage by the panel. When a double end-of-line resistor is used, both the detector cable break and the short circuit condition can be detected by the panel as sabotage. Recommended to use double end-of-line resistor connection type.

The 2.7kΩ resistors from the panel packaging can be used for this purpose. These resistors must be connected on the detector side. The connection of the resistors in the panel is incorrect because it prevents the function from being performed. When more than one detector contact is connected in series in the same Zone, end-of-line resistor connection cannot be made. Below are examples of end-of-line resistance connections with and without tamper Connection.

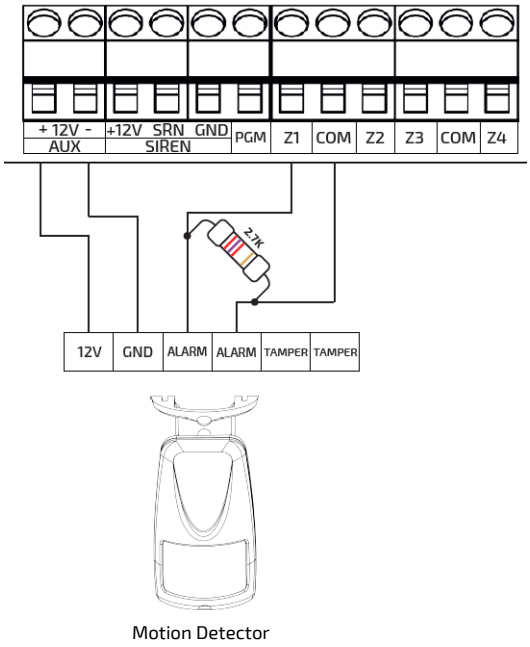


Figure 9: Single EOL Connection

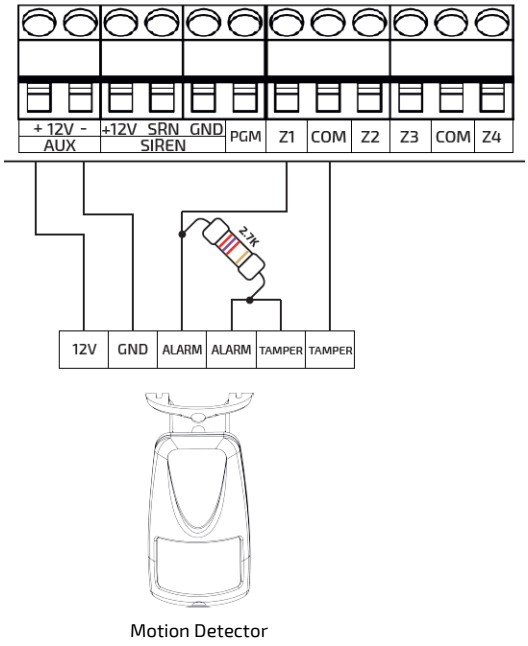


Figure 8: Single EOL Connection with Tamper

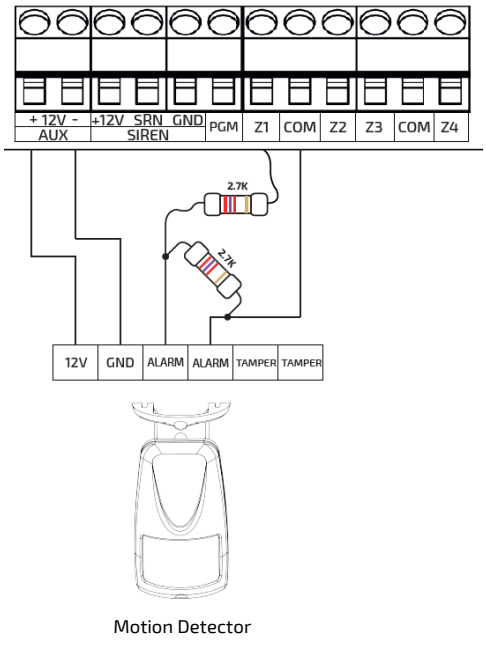


Figure 10: Double EOL Connection

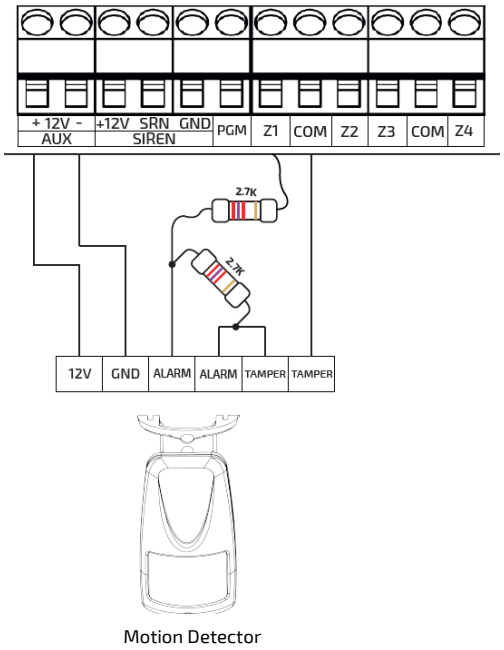


Figure 11: Double EOL Connection with Tamper

Important: In order for the resistor connections to work properly, the resistors must be installed on the detector side. Otherwise, the specified features will not work properly.

6.4.3 Zone Doubling

The number of zones can be increased with zone doubling. If **2KΩ** and **3.9KΩ** resistors are connected to inputs **Z1, Z2, ..., Zn** as follows and programmed accordingly, zone doubling is performed at that input. Thus, two zone connections are made, one being the connected input (**Z1, Z2, ..., Zn**) and the other pair (**Z9, Z10, ..., Z (n + 8)**). The input reaction of all zones can be individually programmed as NC or NO. Eamples of zone doubling is shown below. Zone doubling is not available when additional zone modules are used. Below are examples of zone pairing with and without tamper.

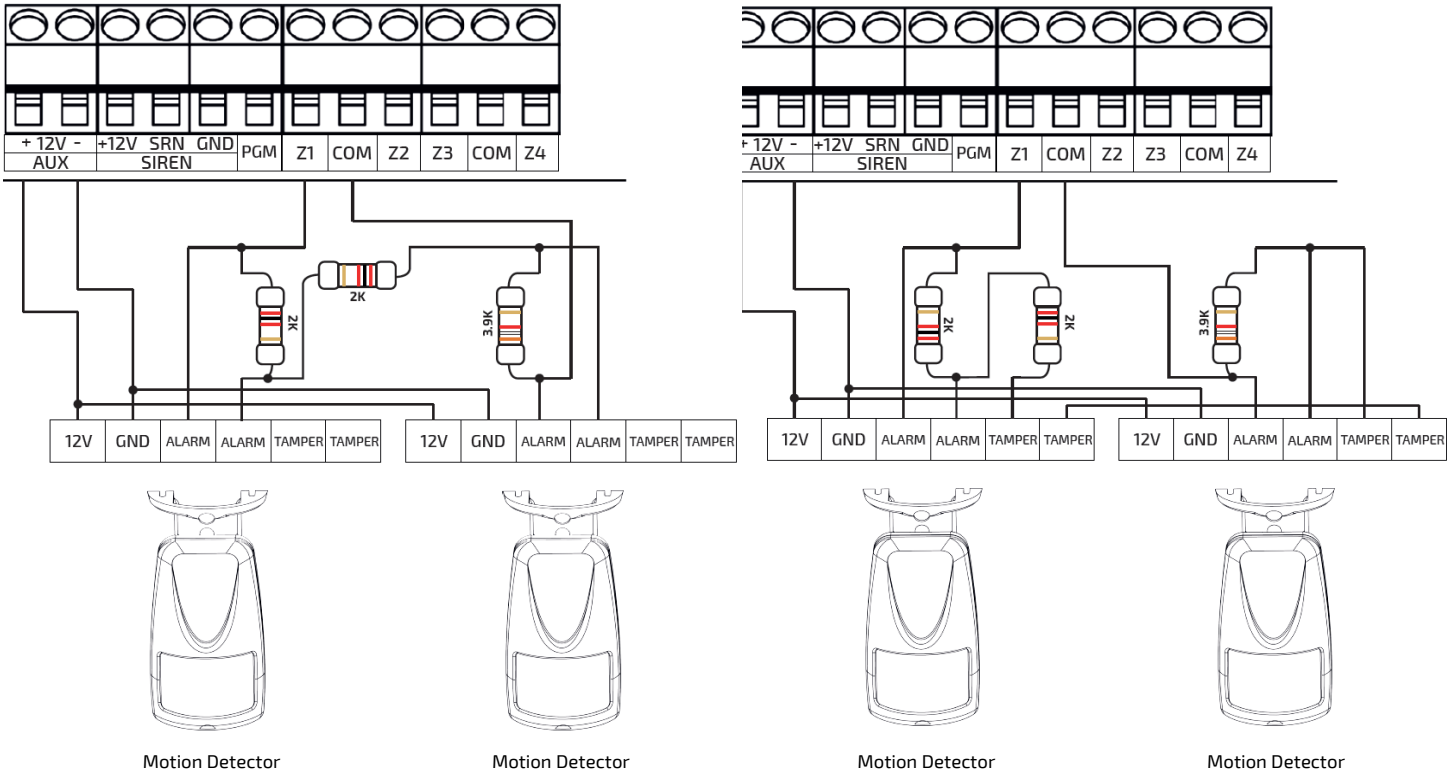


Figure 12: Double Zone Connection With and Without Tamper Connection

PS: *If a single end-of-line, double end-of-line resistor connection or zone doubling is made as shown in the above figures, the system will alarm when the tamper is opened while the panel is armed. If the panel is not armed, the system only warns of zone failure.*

See section 7.5.1 Zone Connection Type for programming details.

6.5 KEYPAD CONNECTION

The keypad connection of the panel is made with 12V, A, B, GND terminals of keypad terminal group. The 12V, A, B, GND terminals on the keypad should be connected to the same terminals on the panel board. If there is a problem with the keypad connection, the keypad will warn you. It is recommended to connect the shield on the keypad cable to the EGND on the panel and keypad sides. 4 keypads can be connected to TSP-5XXX panels. Keypad addresses must be given first when connecting multiple keypads (To assign the keypad address, see section **7.10 Learning the Keypad Address - Changing**). In addition, the keypads must be activated in the program. (See section **7.6.1 Keypad Authorizations**).

!!! WARNING: When connecting the keypad or replacing the keypad, make sure that the panel is de-energized and terminals A, B do not come in contact with 12V. Otherwise, the panel may malfunction.

IMPORTANT: The total length of the connecting cable between the keypad and the panel can be up to 100 meters

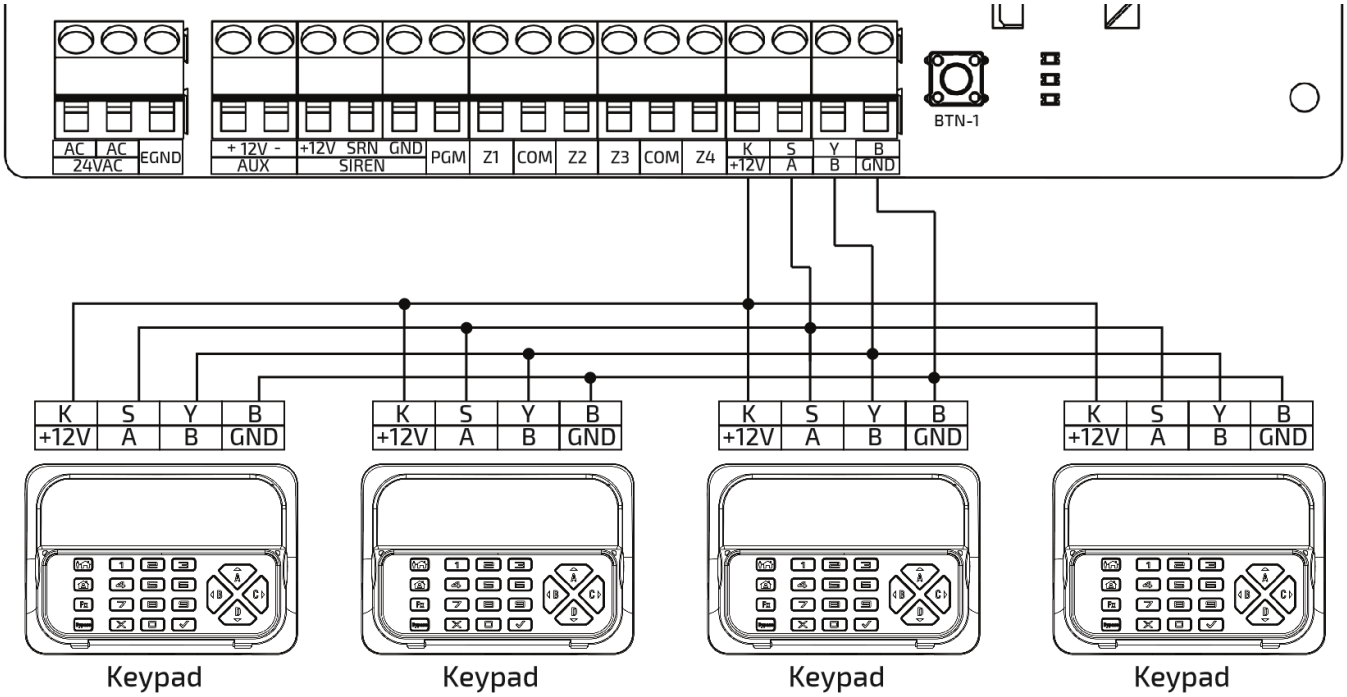


Figure 13: Keypad Connection

Keypad Zone Connection;

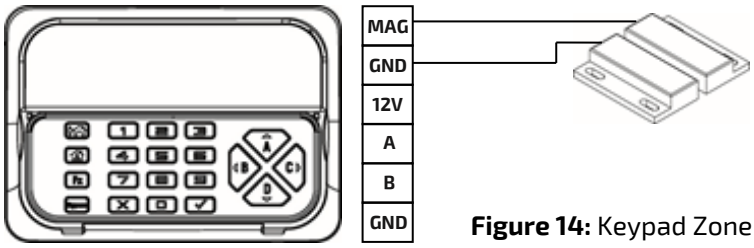


Figure 14: Keypad Zone Connection

6.6 COMMUNICATION MODULE CONNECTIONS

6.6.1 Telephone Line Connection (For TSP-5314 Panel)

The telephone line connection of the panel is made with **LINE** terminal group. An internal or external line can be used in the connection. If the line is disconnected, an error message is displayed. Trouble and Memory lights flash on **LED** Keypad. The **Trouble** light on the LCD Keypad turns on and the display shows an error message. Error message disappears when panel detects line. Also, a parallel device must not be connected to the line at the **LINE** input. If there is a single telephone line and other devices will use this line, the **PTT** line must be connected to the **LINE** input and the line must be continued from **PHONE** output to other devices (Telephone, Fax, POS machine, etc.).

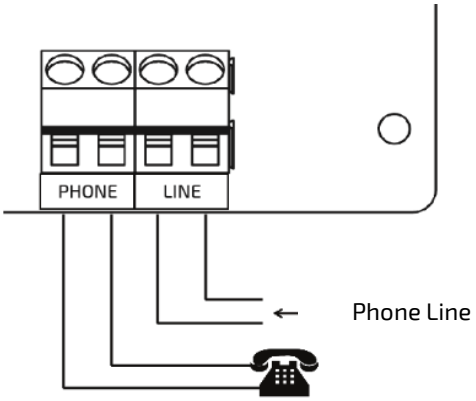


Figure 14: Phone Line Connection

PS: *If the ADSL line is used, the telephone line connection of the panel must be made through the phone line output of the SPLITTER device. Otherwise, the phone call feature of the panel may be adversely affected.*

6.6.2 TXM-5270 PSTN Module Connection

The TXM-5270 PSTN Module is designed for the Alarm Panel to send information to users or the Alarm Reciever Center over the telephone line. Can be used in TSP-5324 and TSP-5208 Alarm Panels.

TXM-5270 The module is mounted to 4 screwing places in the space on the right side of the alarm panel and the connection to the alarm panel board is made with the flat ribbon cable as in below figure.

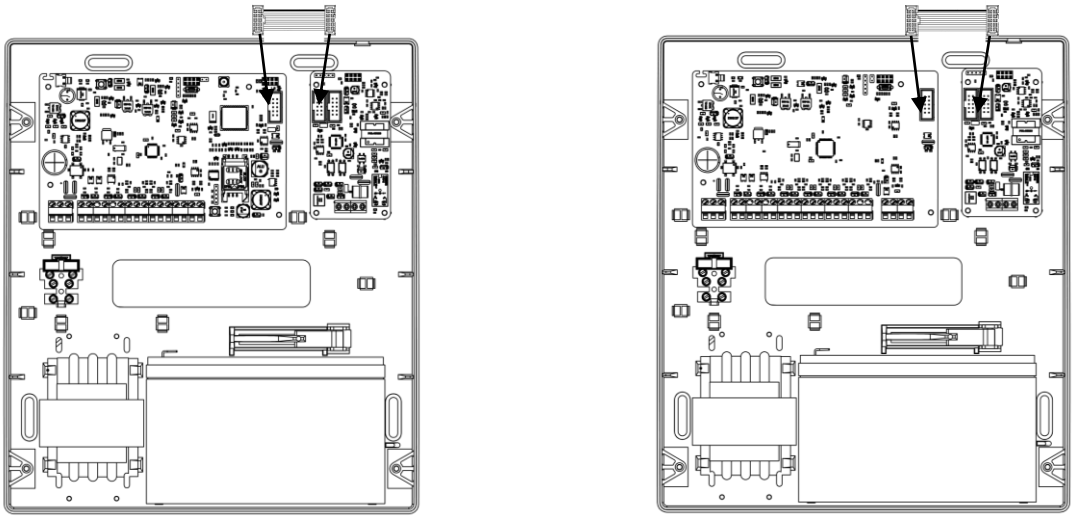


Figure 15: TSP-5324 and TSP-5208 Control Panel TXM-5270 Connection

Ps: *TSP-5314 PSTN line input is fixed on the alarm panel. Only TXM-5272 GSM / GPRS Module can be added to this panel.*

6.6.3 TXM-5272 GSM-GPRS Module Connection (for TSP-5314 and TSP-5208)

The TXM-5272 GSM-GPRS Module is designed for the Alarm Panel to send information to users or to the Alarm Recieving Center via GSM or GPRS. Can be used in TSP-5314 and TSP-5208 Alarm Panels.

TXM-5272 The module is mounted to 4 screwing places in the space on the right side of the alarm panel and the connection to the alarm panel board is made with the flat ribbon cable as in below figure.

Ps: *GSM / GPRS Module is fixed on TSP-5324 Alarm panel. Only TXM-5270 PSTN Module can be added to this panel.*

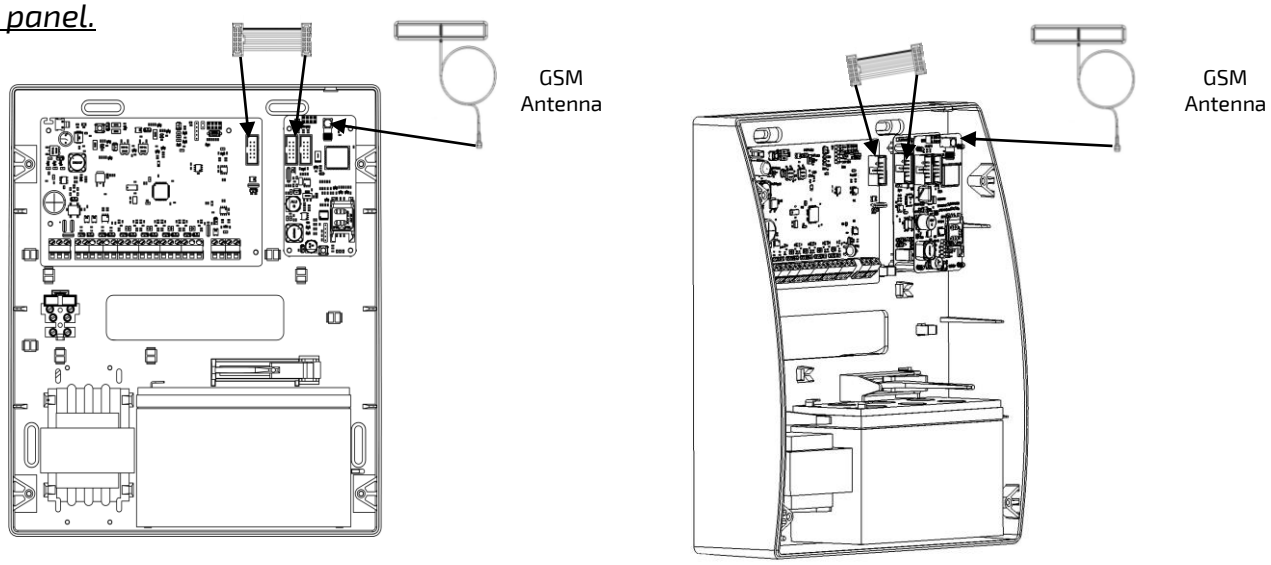


Figure 16: TSP-5314 and TSP-5208 Control Panel TXM-5272 Connection

The TSP-5208 Alarm Panel can be connected to both TXM-5270 PSTN and TXM-5272 GSM / GPRS Module simultaneously to back up communication. To do this, two modules should be mounted on top of each other and cable connections should be made as shown above.

6.7 PGM CONNECTION

Teknim PARS series panels have 1 PGM output. This output can be used and programmed for a variety of purposes, such as operating any device in the form of On - Off or resetting via the keypad in case of smoke detectors connected to the system.

Attention should be paid to the current to be drawn from the PGM output, a relay with a contact suitable for the load to be controlled should be used if the current does not exceed the maximum PGM output current. (**PGM 500mA, maks**.)

Detailed information about programming can be found in **7.4.4 PGM Settings**.

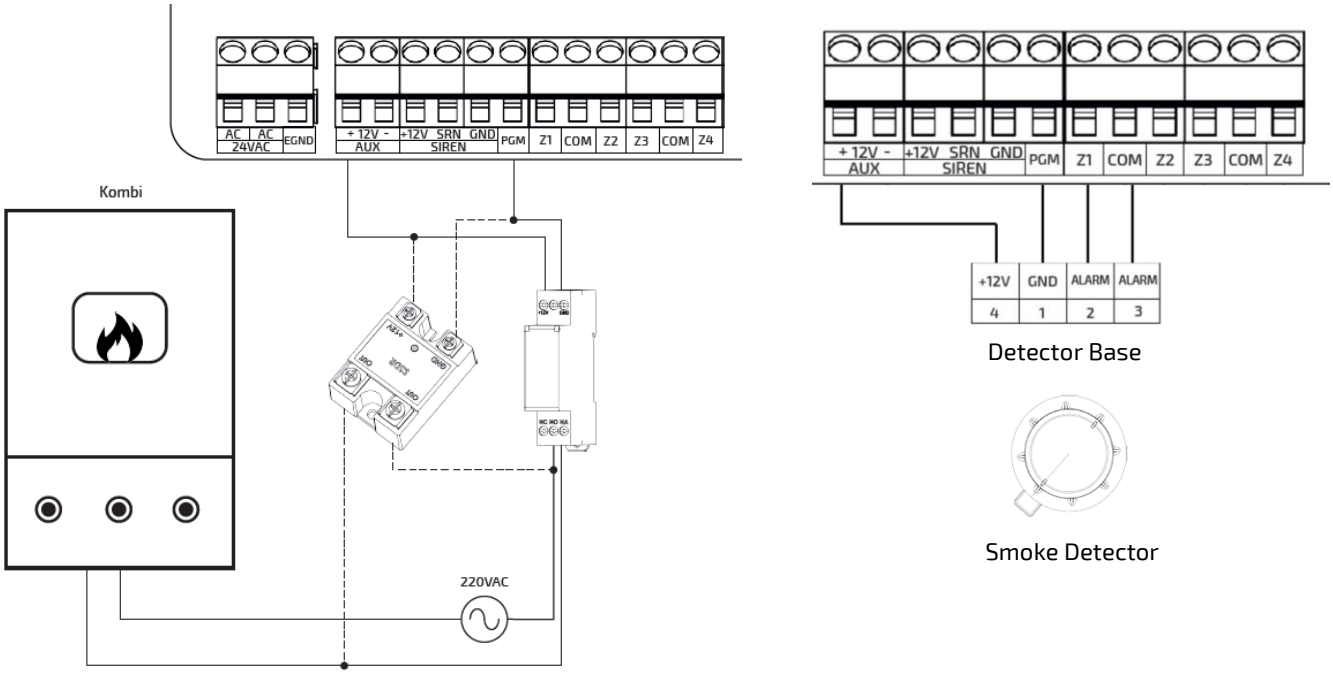


Figure 17: PGM ON – OFF Connection and Smoke Detector Connection

6.8 POWER CONNECTION

3x0,75 mm² standard cable can be used for main connection. Connection can be done in accordance with the label on the mains terminal inside the panel.

Inside the panel there is 220V / 21V 25 V.A transformer. Cables from this transformer are plugged into 24VAC socket. The LED on the board indicates that the panel is energized. 12V 7Ah battery can be connected to the panel. The battery connection cables are mounted on the board. Red (+) and Black (-) cables are connected to the battery by looking at the correct polarity colors. If there is no mains connection during the first commissioning, if the system is to be operated on battery only, the start button on the panel must be pressed for 3 seconds. When the system is powered by the battery, the display and keypad lighting is reduced so that the panel consumes less energy.

Next to the mains connection terminal there is a glass fuse of 0.125A with handle in the housing. If the fuse blows for any reason, it can be removed by pulling from the handle and replaced with a new one.

PS: *If the system is to be operated with battery for the first time, press and hold the Start button on the panel board for 3 seconds.*

CAUTION: Make sure that the grounding is properly done

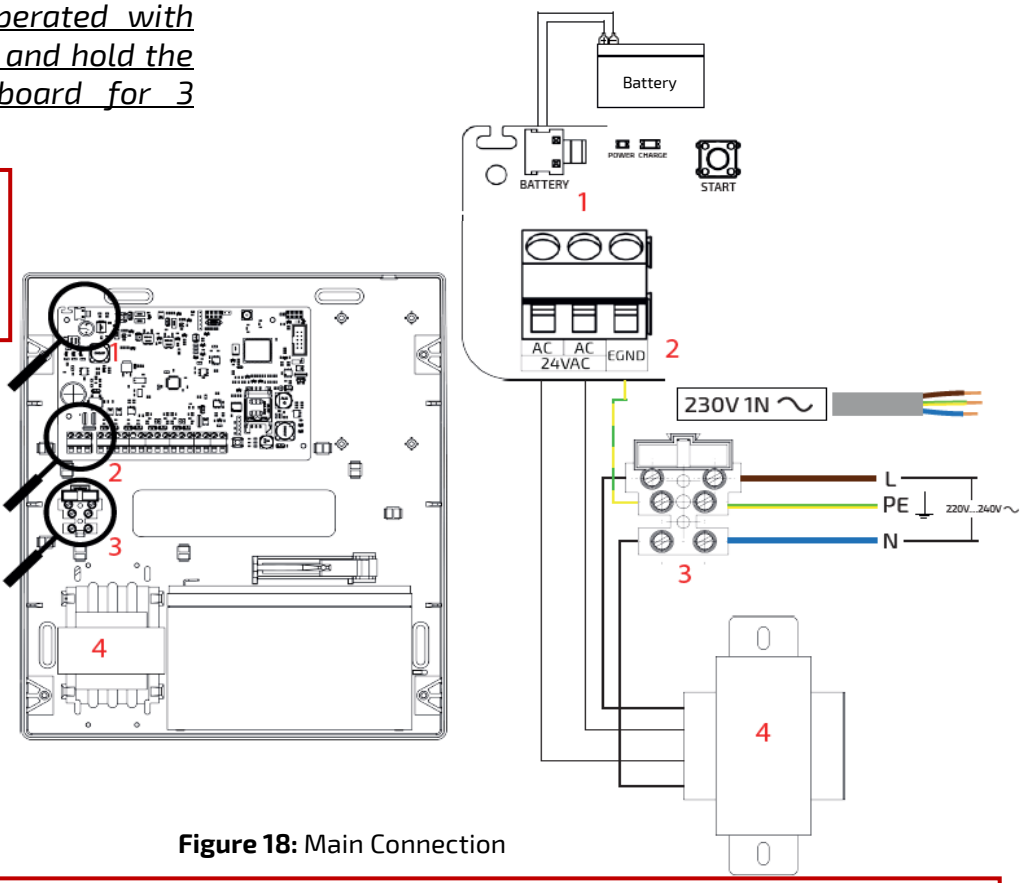


Figure 18: Main Connection

!!! IMPORTANT !!!
When the panel battery runs out and falls below 10.5V, the panel will be closed to protect itself and the battery. Do not use batteries with a value below 10.5V on the load.

ACCORDING TO EN 60335-1 SAFETY RULES - HOME AND SIMILAR APPLICATIONS FOR ELECTRICAL APPLIANCES grounding of the devices will increase EMC immunity and ensure better health in the long run.

!!! Electrical accidents and problems with the general operation of the control panel may occur after starting the device without connecting the ground. !!!

7. PROGRAMRAMMING

7.1 INTRODUCTION

Teknim PARS series panels have two programming sections.

“Installer Program” <InP> It provides access to the engineering settings of the system. Login with engineering code.

“Master Program” <MaP> It provides access to the main user settings menus such as date, time, phone numbers and user codes. Login with master code.

Program addresses of Teknim PARS series panels are grouped according to their subjects. Addresses are a four-digit number and the first two digits indicate this topic. The last two digits include zone no, user no, keypad no. determines the detail. Basic Settings gathers the settings that need to be made in simple setups. Thus, it is aimed to provide convenience to the installer.

Basic Settings :
01 XX -Time/Date Settings
02 XX -Entrance Delays
03 XX -Exit Delays
04 XX -CMS Accounts
05 XX -CMS Phones
06 XX -User Phones
07 XX -User Codes

Panel Settings:
10 XX -General Settings
11 XX -Siren Settings
12 XX -Auto Arm/Disarm
13 XX -PGM Settings
14 XX -Timer Settings
15 XX -Remote Access

Zon Settings:
20 XX -Connection Type
21 XX -Partition
22 XX -Zon Type
23 XX -Extra Settings
24 XX -Response Time
25 XX -Zone Names

Keypad Settings:
30 XX -Keypad Options
31 XX -Partitions
99 XX -Customize

User Settings:
40 XX -Start Time
41 XX -Finish Time
42 XX -Days
43 XX -Partitions
44 XX -Keypads
45 XX -Limitations

Communicator:
50 XX -General Options
51 XX -Report Masks

Modules:
60 XX -Remote Module
61 XX -Remote Module Erase

7.2 ENTERING-EXITING INSTALLER PROGRAM AND MASTER PROGRAM

To enter the engineering program, press [Fx] then [4], a long beep sounds and enter the engineer password. The device enters the "Installer Program". Program LED on LED Keypad, Ready light flashes. LCD keypads display "INSTALLER MENU".

To enter the Installer Program;

Press [Fx] then Press [4] enter Installer Code (**XXXX**)
Factory Default of Installer Code is = 9999

To enter the master program, press [Fx] then [4], a long beep sounds and enter the master code. The device enters the "Master Program". Program LED on LED Keypad, Ready light flashes. LCD keypads display "MASTER MENU".

To enter the Master Program;

Press [Fx] then Press [4] enter Master Code (**XXXX**)
Factory Default of Master Code is = 1234

To exit the program, hold down the **X (Exit)** key until a long beep sounds and the device returns to normal. **Program** LED off.

PS: *If no commands are sent to the panel within 3 minutes after programming, the panel automatically exits the "Program" position and returns to normal.*

7.3 BASIC SETTINGS

This is the section where the basic settings such as date - time, delay times and telephone numbers are made.

7.3.1 Time/Date Settings

The Control Panel's Time and Date settings are made in this step, a panel without a time and date setting turns on the Trouble LED and gives an error warning. Error settings are automatically removed when these settings are made.

Setting the Time

- **LED Keypad;** [01] [01] → [**HH: MM**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK] → [Time/Date Settings √ OK] → [**HH: MM**] → [√ OK]

eg. To set time 09:05 with LED Keypad; **[01] [01] [09] [05] [√ OK]**

Setting the Date

- **LED Keypad;** [01] [02] → [**DD:MM:YY**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK] → [Time/Date Settings √ OK] → [**DD:MM:YY**] → [√ OK]

eg. To set date 10.11.2019 with LED Keypad; **[01] [02] [10] [11] [19] [√ OK]**

7.3.2 Entrance Delays

This is the delay time (second) for the user to disarm the system. Separate times can be defined for each partition.

Entrance Delay for Partition A;

- **LED Keypad;** [02] [01] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[1- Part Entrance Delay √ OK]→[**SS**]→[√ OK]

Entry Delay for Partition B;

- **LED Keypad;** [02] [02] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[2- Part Entrance Delay √ OK]→[**SS**]→[√ OK]

Entry Delay for Partition C;

- **LED Keypad;** [02] [03] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[3- Part Entrance Delay √ OK]→[**SS**]→[√ OK]

Entry Delay for Partition D;

- **LED Keypad;** [02] [04] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[4- Part Entrance Delay √ OK]→[**SS**]→[√ OK]

eg. To set Entrance Delay for Partition A as 10sec. ; **[02] [01] [10] [√ OK]**

7.3.3 Exit Delays

This is the delay time (second) for the user to leave the place after arming the system. Separate times can be defined for each partition.

Exit Delay for Partition A;

- **LED Keypad;** [03] [01] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[1- Part Exit Delay √ OK]→[**SS**]→[√ OK]

Exit Delay for Partition B;

- **LED Keypad;** [03] [02] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[2- Part Exit Delay √ OK]→[**SS**]→[√ OK]

Exit Delay for Partition C;

- **LED Keypad;** [03] [03] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[3- Part Exit Delay √ OK]→[**SS**]→[√ OK]

Exit Delay for Partition D;

- **LED Keypad;** [03] [04] → [**SS**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[4- Part Exit Delay √ OK]→[**SS**]→[√ OK]

Ör: To set Exit Delay for Partition A as 15sec. ; **[03] [01] [15] [√ OK]**

7.3.4 CMS Account No

If the system will send information to a Central Monitoring Station, the customer account number specified by the CMS will set in this step. Two different CMS numbers can be assigned to the system.

Set 1st CMS Account NO

- **LED Keypad;** [04] [01] → [**XXXX**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[CMS Accounts √ OK]→[1- CMS Account XXXX]→[√ OK]

Set 2nd CMS Account NO

- **LED Keypad;** [04] [02] → [**XXXX**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK]→[CMS Accounts √ OK]→[2- CMS Account XXXX]→[√ OK]

eg. To set first CMS Account no as 1234; **[04] [01] [1234] [√ OK]**

Ps: *IF CMS account number contains Hexadecimal code, (A, B, C, D, E, F) when entering account number, press and hold;*
[1] for A – [2] for B – [3] for C – [4] for D – [5] for E – [6] for F

7.3.5 CMS Phone Number

If the system will send information to a Central Monitoring Station, the CMS phone number will set in this step. Two different CMS phone numbers can be assigned to the system as back up.

Set 1st CMS Phone Numer;

- **LED Keypad;** [05] [01] → [**XXXXXXXXXXX**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK] → [CMS Phone √ OK] → [1. Phone No **XXXXXXXXXXX**] → [√ OK]

Set 2nd CMS Phone Numer;

- **LED Keypad;** [05] [02] → [**XXXXXXXXXXX**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK] → [CMS Phone √ OK] → [2. Phone No **XXXXXXXXXXX**] → [√ OK]

Set 1st CMS Backup Phone Numer;

- **LED Keypad;** [05] [03] → [**XXXXXXXXXXX**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK] → [CMS Phone √ OK] → [3. Phone No **XXXXXXXXXXX**] → [√ OK]

Set 2st CMS Backup Phone Numer;

- **LED Keypad;** [05] [04] → [**XXXXXXXXXXX**] → [√ OK]
- **LCD Keypad;** [Basic Settings √ OK] → [CMS Phone √ OK] → [4. Phone No **XXXXXXXXXXX**] → [√ OK]

eg. To set first CMS phone number as 02161234567; **[05] [01] [02161234567] [√ OK]**

PS: *If the phone line provided from phone switchboard with specific number, you should enter that number before entering the phone number and press long [0].*

eg. [05] [01] [X] [0 Long] [02161234567] [√ OK]

PS2: *To erase any CMS phone number, get to related address and press-hold* ***[B] Key.***
eg. [05] [01] [B Long] [√ OK]

7.3.6 User Phone Numbers

User phone numbers are entered in this step so that the alarm system can notify the end user. The system can notify 6 phone numbers in total.

- **LED Keypad;**

1. User Phone Number: [06] [01] → [**XXXXXXXXXXX**] → [√ OK]
2. User Phone Number: [06] [02] → [**XXXXXXXXXXX**] → [√ OK]
3. User Phone Number: [06] [03] → [**XXXXXXXXXXX**] → [√ OK]
4. User Phone Number: [06] [04] → [**XXXXXXXXXXX**] → [√ OK]
5. User Phone Number: [06] [05] → [**XXXXXXXXXXX**] → [√ OK]
6. User Phone Number: [06] [06] → [**XXXXXXXXXXX**] → [√ OK]

- **LCD Keypad;**

[Basic Settings √ OK] → [User Phones √ OK] → [1- User No **XXXXXXXXXXX**] → [√ OK]
[Basic Settings √ OK] → [User Phones √ OK] → [2- User No **XXXXXXXXXXX**] → [√ OK]
[Basic Settings √ OK] → [User Phones √ OK] → [3- User No **XXXXXXXXXXX**] → [√ OK]
[Basic Settings √ OK] → [User Phones √ OK] → [4- User No **XXXXXXXXXXX**] → [√ OK]
[Basic Settings √ OK] → [User Phones √ OK] → [5- User No **XXXXXXXXXXX**] → [√ OK]
[Basic Settings √ OK] → [User Phones √ OK] → [6- User No **XXXXXXXXXXX**] → [√ OK]

eg. To set 1st user phone as 05321234567; **[06] [01] [05321234567] [√ OK]**

PS1: *If the phone line provided from phone switchboard with specific number, you should enter that number before entering the phone number and press long [0].*

eg. [06] [01] [9] [0 uzun bas] [05321234567] [√ Tamam]

PS2: *To erase any CMS phone number, get to related address and press-hold* ***[B] Key.***
eg. [06] [01] [B Long] [√ OK]

7.3.7 User Codes

By default no user code is defined in the control panel. In order to create a user code, you must login with "Master Code" in "Master Menu".

To Enter Master Menu;

- **[Fx] → [4]**
- Enter your Master Code ***(Factory Default: "1234")***

To create User Codes;

- **LED Keypad;**

1. User Code: [07] [01] → [**XXXX**] → [√ OK]
2. User Code: [07] [02] → [**XXXX**] → [√ OK]
3. User Code: [07] [03] → [**XXXX**] → [√ OK]
4. User Code: [07] [04] → [**XXXX**] → [√ OK]
5. User Code: [07] [05] → [**XXXX**] → [√ OK]
6. User Code: [07] [06] → [**XXXX**] → [√ OK]
7. User Code: [07] [07] → [**XXXX**] → [√ OK]
8. User Code: [07] [08] → [**XXXX**] → [√ OK]
9. User Code: [07] [09] → [**XXXX**] → [√ OK]
10. User Code: [07] [10] → [**XXXX**] → [√ OK]
11. Threat (Duress) Code: [07] [11] → [**XXXX**] → [√ OK]

• **LCD Keypad;**
[Basic Settings √ OK] → [User Codes √ OK] → [01-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [02-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [03-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [04-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [05-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [06-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [07-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [08-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [09-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [10-User Code **XXXX**] → [√ Ok]
[Basic Settings √ OK] → [User Codes √ OK] → [11-Threat (Duress) Code **XXXX**] → [√ Ok]

eg. To set 1st user code as 1111; **[07] [1] [1111] [√ OK]**
To set 2nd user code as 2222; **[07] [2] [2222] [√ OK]**

Master and Installer codes do not have an address. Master code factory default is **"1234"**, and installer code factory default is **"9999"**. You can change these codes as follows.

• [√ Press and Hold] → [Enter Existing 4 Digit Code **XXXX**] → [New Code **XXXX**] → [Repeat New Code **XXXX**]

eg. To set Master code as 9876; **[√ Hold] [1234] [9876] [9876]**
To set Installer code as 4321; **[√ Hold] [9999] [4321] [4321]**

PS: *The code changes for the LCD and LED Keypad are the same, and you do not need to press the [√ OK] key at the end of the process.*
PS 2: *Threat Code only "Disarm" the system and send Alarm information to user phones and CMS*

7.4 PANEL SETTINGS

This section contains the detailed settings of the control panel.

7.4.1 General Settings

General settings related to the panel.

Panel Options

Option	2.	3.	4.	5.	6.
Function	Quick Arm	Auto Siren Test	Arm – Disarm From Different Keypad	Exit Delay Extension	Double Hit
LED ON	ON	ON	ON	ON	ON
LED OFF	OFF	OFF	OFF	OFF	OFF

Quick Arm: When this option is active, you can use A – B – C – D keys to Quickly Arm the related partition by press and hold the key.

Auto Siren Test: When this option is active, system gives warning with 2sec. siren sound when it's armed.

Arm – Disarm From Different Keypad: When this option is active, users can use the keypads that are authorized in other partition. When it is off, the keypad cannot process any partition which is not belong to.

Exit Delay Extension: When this option is active; if any zone which programmed as input-output is still active during exit delay, exit delay duration will automatically continue until the zone closed.

Double Hit: When this option is active, system gives alarm when the same zone gives 2x activation during the cross zone time period which defined before. Double Hit function is only valid for the zones which selected as cross zones.

- **LED Keypad;** [10] [01] → [**2-3-4-5-6**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [General Settings √ OK] → [Panel Options **2-3-4-5-6**] → [√ OK]

Output Polarization

PGM and SRN gives -12V. This option selecets if this outputs gives -12V when its activated or passive.

Option	1.	4.
Function	PGM	SRN
LED ON	Active	Active
LED OFF	Passive	Passive

- **LED Keypad;** [10] [02] → [**1-4**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [General Settings √ OK] → [Output Polar. **1-4**] → [√ OK]

Default Settings Requests

You can choose the reset types in this section.

Option	1.	2.
Function	Reset Codes	Reset Panel Settings
LED ON	Active	Active
LED OFF	Passive	Passive

- **LED Keypad;** [10] [03] → [**1-2**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [General Settings √ OK] → [Default Set. Req. **1-2**] → [√ OK]

PS: *You can only chose reset types in Installer Menu.*

Reset Permission

You can give reset permission for each reset type.

Option	1.	2.
Function	Reset Codes Permission	Reset Panel Settings Permission
LED ON	Active	Active
LED OFF	Passive	Passive

- **LED Keypad;** [10] [04] → [**1-2**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [General Settings √ OK] → [Reset Permission **1-2**] → [√ OK]

Power Report Delay

In this section, you can set how many minutes after the power failure information will be notified to the user and the CMS. A value can be entered between 0-60min.

- **LED Keypad;** [10] [05] → [**DD**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [General Settings √ OK] → [Power Report Delay **DD**] → [√ OK]

Double Trigger Time

Double trigger time starts when one of the detectors with this feature is activated *(to set this feature to a detector see 7.5.4 Extra Settings).* The first activation will not assign as an alarm. If another zone which selected as cross zone or double trigger in the same partition activated in the Double trigger time period, panel gives alarm and send the information to CMS or users.

If there will be no second activation after the first one, system gives "Cross Zone Fault".

- **LED Keypad;** [10] [06] → [**DD**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [General Settings √ OK] → [Double Trigger Time **DD**] → [√ OK]

7.4.2 Siren Settings

This is the section where the siren settings are made.

Siren Using Partitions

You can select which partitions are using siren.

- **LED Keypad;** [11] [01] → [**1-2-3-4**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [Siren Settings √ OK] → [Siren Settings Partitions **A-B-C-D**] → [√ OK]

Cut Off Time

You can select how many minute siren will work during alarm. Can be set between 2 – 255min.

- **LED Keypad;** [11] [02] → [**DD**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [Siren Settings √ OK] → [Cut Off Time **DD**] → [√ OK]

7.4.3 Auto Arm/Disarm

This is the section where the alarm system can be set up for any Partition to automatically arm and disarm on certain days and times of the week.

Auto Arm Partitions

You can set which partitions will be Arm automatically.

- **LED Keypad;**

[12] [01] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Auto Arm Partitions **A-B-C-D**]→[√ OK]

Auto Arm Days

You can set which days will be arm automatically.

- **LED Keypad;**

[12] [02] → [**1234567**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Auto Arm Days **1234567**]→[√ OK]

PS: *Days of the week are; 1: Sunday 2: Monday 3: Tuesday 4: Wednesday 5: Thursday 6: Friday 7: Saturday.*

Auto Arm Time

You can set which time will be arm automatically.

- **LED Keypad;**

[12] [03] → [**SS:DD**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Auto Arm Time **SS:DD**]→ [√ OK]

Auto Disarm Partitions

You can set which partitions will be Disarm automatically.

- **LED Keypad;**

[12] [04] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Auto Disarm Partitions **A-B-C-D**]→[√ OK]

Auto Disarm Days

You can set which days will be disarm automatically.

- **LED Keypad;**

[12] [05] → [**1234567**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Auto Disarm Days **1234567**]→[√ OK]

PS: *Days of the week are; 1: Sunday 2: Monday 3: Tuesday 4: Wednesday 5: Thursday 6: Friday 7: Saturday.*

Auto Disarm Time

You can set which time will be disarm automatically.

- **LED Keypad;**

[12] [06] → [**SS:DD**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Auto Disarm Time **SS:DD**]→ [√ OK]

Inactivity Arm Partitions

You can set which partitions will be arm when there is no movement in it.

- **LED Keypad;**

[12] [07] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Inactivity Arm Partitions **A-B-C-D**]→[√ OK]

Inactivity Arm Delay

You can select the inactivity time in this section. System will be automatically armed if there will be no movement in this time period. It can be set between 5 – 255min.

- **LED Keypad;**

[12] [08] → [**DD**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Inactivity Arm Delay **DD**]→ [√ OK]

7.4.4 PGM Settings

This section contains settings for using PGM. Each PGM has a usage type and a PGM parameter that makes sense according to that usage type. In order for the PGM to function as required, both the usage type and parameter must be set.

Use PGM 1 as

You can choose PGM types in this section.

<table>
<tr><th>No</th><th>Type</th><th>Parameter</th><th>Value</th></tr>
<tr><td>1</td><td>Manual</td><td>PGM can be use by manually. No need to set any value.</td><td>-</td></tr>
<tr><td>2</td><td>Zone Output</td><td>PGM activated when the selected zone is active. Values in the table are entered in programming to determine which zone to activate.
<table><tr><th>Zone</th><th>Value</th><th>Zone</th><th>Value</th></tr><tr><td>Z1</td><td>1</td><td>Z5</td><td>16</td></tr><tr><td>Z2</td><td>2</td><td>Z6</td><td>32</td></tr><tr><td>Z3</td><td>4</td><td>Z7</td><td>64</td></tr><tr><td>Z4</td><td>8</td><td>Z8</td><td>128</td></tr></table>To select multiple zones, the values of the two zones are added.

eg. For Z3 and Z6, add both values 4+32= 36.</td><td>255</td></tr>
<tr><td>3</td><td>Partition Output</td><td><table><tr><th>Partition</th><th>Value</th></tr><tr><td>A</td><td>1</td></tr><tr><td>B</td><td>2</td></tr><tr><td>C</td><td>4</td></tr><tr><td>D</td><td>8</td></tr></table>PGM activated when an alarm occurs in the selected partition(s). To select the relevant partition(s), the values in the table are added.

eg. For partition B and C, add and enter 2+4=6.</td><td>15</td></tr>
<tr><td>4</td><td>ARM Status</td><td><table><tr><th>Partition</th><th>Value</th></tr><tr><td>A</td><td>1</td></tr><tr><td>B</td><td>2</td></tr><tr><td>C</td><td>4</td></tr><tr><td>D</td><td>8</td></tr></table>PGM activated when the selected partition(s) is armed. To select the relevant partition(s), the values in the table are added.

eg. For partition B and C, add and enter 2+4=6.</td><td>15</td></tr>
<tr><td>5</td><td>Firen Siren</td><td>PGM activated continuously when fire alarm occurs, no value is entered.</td><td>-</td></tr>
<tr><td>6</td><td>Fire Sensor Power</td><td>When the fire detector supply is used via PGM, the reset time of the PGM is entered with the password. Can be entered between 1-255 sec. You can reset the fire detectors when it gives alarm by user codes.</td><td>10</td></tr>
<tr><td>7</td><td>Siren</td><td><table><tr><th>Partition</th><th>Value</th></tr><tr><td>A</td><td>1</td></tr><tr><td>B</td><td>2</td></tr><tr><td>C</td><td>4</td></tr><tr><td>D</td><td>8</td></tr></table>PGM is used as a siren output for the selected partition(s). To select the relevant partition(s), the values in the table are added together and entered.

eg. A ve C bölümleri için 1+4=5 değeri girilir.</td><td>15</td></tr>
</table>

<table>
<tr><td>8</td><td>Trouble Output</td><td><table><tr><th>Fault</th><th>Value</th><th>Fault</th><th>Value</th></tr><tr><td>Mains Fail</td><td>1</td><td>Phone Line Fail</td><td>8</td></tr><tr><td>Low Battery</td><td>2</td><td>Zone Fault</td><td>16</td></tr><tr><td>Time Not Set</td><td>4</td><td>Battery Fault</td><td>32</td></tr></table>PGM is active when selected errors occur.</td><td>63</td></tr>
<tr><td>9</td><td>Access Control</td><td>Door lock open hold time can be entered in the range of 1-255 sec.</td><td>5</td></tr>
<tr><td>10</td><td>Timer Output</td><td>The PGM remains on for the specified time and then turns off. Can be entered between 1-255 sec.</td><td>0</td></tr>
<tr><td>11</td><td>Random</td><td><table><tr><th>Value</th><th>PGM ON</th><th>PGM OFF</th></tr><tr><td>0</td><td>1-255 sec.</td><td>1-255 sec.</td></tr><tr><td>1</td><td>1-255 min.</td><td>1-255 min.</td></tr><tr><td>2</td><td>1-63 sec.</td><td>1-255 sec.</td></tr><tr><td>3</td><td>1-63 min.</td><td>1-255 min.</td></tr></table>PGM will open and close randomly according to the entered value.</td><td>0</td></tr>
<tr><td>12</td><td>Arm Indicator</td><td>When the alarm system is armed, PGM remains open for the entered parameter value. Parameter can be entered between 0-255min.</td><td>0</td></tr>
<tr><td>13</td><td>Disarm Indicator</td><td>When the alarm system is disrmed, the PGM remains on until the entered parameter value. Parameter can be entered between 0-255min.</td><td>0</td></tr>
<tr><td>14</td><td>Toggle RC Button</td><td>PGM activated by remote control. Parameter can be entered between 0-255min.</td><td>0</td></tr>
<tr><td>15</td><td>Alarm Type</td><td><table><tr><th>Alarm Type</th><th>Value</th><th>Alarm Type</th><th>Value</th></tr><tr><td>Intruder</td><td>1</td><td>Duress</td><td>8</td></tr><tr><td>Panic</td><td>2</td><td>Tamper</td><td>16</td></tr><tr><td>Fire</td><td>4</td><td>Medical</td><td>32</td></tr></table>PGM is activated according to the selected alarm type.</td><td>63</td></tr>
</table>

- **LED Keypad;**

[13] [01] → [**0-1-2-…-15**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[PGM Settings √ OK]→[User PGM 1 As **{Select Value by (B) (C) Keys}**]→[√ OK]

PGM Settings

PGM parameter varies according to the selected PGM type. The table above shows what this parameter means and the setting options for each PGM type. If more than one option is selected, the sum of the values corresponding to the options must be entered.

- **LED Keypad;**

[13] [02] → [**XXX**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[PGM Settings √ OK]→[PGM Settings **XXX**]→[√ OK]

eg. If PGM is selected as Alarm type and is required to be active in Fire alarm and Medical alarm conditions; The value specified for the fire alarm (4) and the value specified for the medical alarm (32) are added and the value found (36) is entered. **[13] [02] → [36] → [√ OK]**

7.4.5 Timer Settings

In this section, you can program the PGM outputs are activated on the specified dates and times.

Timer 1 Settings

This setting determines whether the PGM is to be controlled with timer and whether the PGM output is active or inactive at the specified time.

Option	1.	2.
Feature	PGM Use	PGM Active / Inactive
LED ON	Yes	Active
LED OFF	NO	Inactive

- **LED Keypad;** [14] [01] → [**1-2**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK]→[Timer Settings √ OK]→[Timer 1 Settings **1-2**] → [√ OK]

Timer 1 Days

This setting determines the days that PGM will be activated.

- **LED Keypad;** [14] [02] → [**1234567**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK]→[Timer Settings √ OK] → [Timer 1 Days **1234567**] → [√ OK]

PS: *Days of the week are; 1: Sunday 2: Monday 3: Tuesday 4: Wednesday 5: Thursday 6: Friday 7: Saturday.*

Timer 1 Time

This setting determines the time that PGM will be activated.

- **LED Keypad;** [14] [03] → [**HH:MM**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [Timer Settings √ OK] → [Timer 1 Time **HH:MM**] → [√ OK]

Timer 2 Settings

This setting determines whether the PGM is to be controlled with second timer and whether the PGM output is active or inactive at the specified time.

Option	1.	2.
Feature	PGM Use	PGM Active / Inactive
LED ON	Yes	Active
LED OFF	NO	Inactive

- **LED Keypad;** [14] [04] → [**1-2**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK]→[Timer Settings √ OK]→[Timer 2 Settings **1-2**] → [√ OK]

Timer 2 Days

This setting determines the days that PGM will be activated.

- **LED Keypad;** [14] [05] → [**1234567**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK]→[Timer Settings √ OK] → [Timer 2 Days **1234567**] → [√ OK]

PS: *Days of the week are; 1: Sunday 2: Monday 3: Tuesday 4: Wednesday 5: Thursday 6: Friday 7: Saturday.*

Timer 2 Time

This setting determines the days that PGM will be activated.

- **LED Keypad;** [14] [06] → [**HH:MM**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [Timer Settings √ OK] → [Timer 2 Time **HH:MM**] → [√ OK]

7.4.6 Remote Access

This section contains settings for remote control of the alarm panel by phone and settings for usage of the Cloud Communication.

Remote Control Settings

Use the option 1 to turn on or off remote alarm panel access by phone. And option 2 to open or close the Cloud communication.

Option	**1.**	**2.**
Feature	Access by Phone	Cloud Connection
LED ON	Yes	Active
LED OFF	NO	Passive

- **LED Keypad;** [15] [01] → [**1-2**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [Remote Access √ OK] → [Rem. Cont. Sett. **1-2**] → [√ OK]

Ring Count

It determines ring numbers after control panel response by remote control with Phone.

- **LED Keypad;** [15] [02] → [**X**] → [√ OK]
- **LCD Keypad;** [Panel Settings √ OK] → [Remote Access √ OK] → [Ring Count Time **X**] → [√ OK]

7.4.7 Panel Info

This is where you can access basic information about the alarm panel. No settings can be made in this section, only readable information.

Basic Informations are; Panel Type, Software Version, Hardware Version.

- **LED Keypad;**

[16] [01] → [Panel Type] → [√ OK]
[16] [02] → [SW Version] → [√ OK]
[16] [03] → [HW Version] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK] → [Panel Info √ Ok] → [Panel Type] → [√ OK]
[Panel Settings √ OK] → [Panel Info √ Ok] → [SW Version] → [√ OK]
[Panel Settings √ OK] → [Panel Info √ Ok] → [HW Version] → [√ OK]

7.5 ZONE SETTINGS

This is the section where all settings related to zones are made.

7.5.1 Connection Type

The zone input must be set according to the connection type of the detector. The panel can be adjusted according to the detector connections described in the installation section. Contact type can be selected as NC (Normally Closed) or NO (Normally Open). Connection type can be selected without resistance, single end resistance or double end resistance. Also unused zones can be turned off in this section.

When double zone is activated for any zone from Zone 1 to Zone 8, the corresponding zone will be activated. Which means if you activate double zone for Zone 1, the corresponding Zone 9 will be activated. Below table, you can find the zone input settings;

Option	**1.**	**2.**	**3.**	**4.**
Feature	NC / NO	Single EOL Resistor	Double EOL Resistor	Zone Use / Not Use
LED ON	NC	Yes	Yes	In Use
LED OFF	NO	No	No	Not in Use

- **LED Keypad;**
  Zone 1 - [20] [01] → [**1-2-3-4**] → [√ OK]
  Zone 2 - [20] [02] → [**1-2-3-4**] → [√ OK]
  Zone 3 - [20] [03] → [**1-2-3-4**] → [√ OK]
  Zone 4 - [20] [04] → [**1-2-3-4**] → [√ OK]
  Zone 5 - [20] [05] → [**1-2-3-4**] → [√ OK]
  Zone 6 - [20] [06] → [**1-2-3-4**] → [√ OK]
  Zone 7 - [20] [07] → [**1-2-3-4**] → [√ OK]
  Zone 8 - [20] [08] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**
  [Zon Settings √ OK] → [Connection Type √ OK] → [1- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [2- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [3- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [4- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [5- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [6- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [7- Connection Type **1-2-3-4**] → [√ OK]
  [Zon Settings √ OK] → [Connection Type √ OK] → [8- Connection Type **1-2-3-4**] → [√ OK]

PS 1: *When a non-resistor connection is made, options 2 and 3 should be off.*
PS 2: *When zone doubling is made, both 2nd and 3rd options should be on.*
PS 3: *Zone doubling is not available on systems with additional zone cards.*

Keypad Zone

Keypad zone connection is normally closed. If Keypad zone is to be used, this zone must be opened in Connection Type settings.

LCD Keypad;
[Zone Settings √ OK] →[Connection Type √ OK] → [1- Keypad Connection Type **1-4**] → [√ OK]
[Zone Settings √ OK] →[Connection Type √ OK] → [2- Keypad Connection Type **1-4**] → [√ OK]
[Zone Settings √ OK] →[Connection Type √ OK] → [3- Keypad Connection Type **1-4**] → [√ OK]
[Zone Settings √ OK] →[Connection Type √ OK] → [4- Keypad Connection Type **1-4**] → [√ OK]

PS 1: *Keypad zone can also be used on LED Keypad, but programming of Keypad Zone cannot be done with LED Keypad.*
PS 2: *When the Keypad Zone is activated, double zone feature for this zone is not available. However, double zone of other zones can be used.*

The keypad zones uses 29-30-31-32 zone numbers in the system. Keypad address determines the connected zone number.

If the Keypad address is 01 then Keypad Zone number is 29
If the Keypad address is 02 then Keypad Zone number is 30
If the Keypad address is 03 then Keypad Zone number is 31
If the Keypad address is 04 then Keypad Zone number is 32.
To learn Keypad adress see the section **7.10 Learn and Change the Keypad Adress**.

!!! Important !!!
It is recommended that the detector to be connected to the keypad zone does not require a 12V supply such as a magnetic contact. If the detectors using external supply are connected and the 12V supply requirement is met via the Keypad, the Keypad cable distance may need to be significantly reduced. Otherwise, instability may occur in the operation of the keypad.

7.5.2 Partition

In this section, you can set each zones to assigned related partition. Each zone can be assigned to only one partition. But you can add multiple zones to a single partition.

1. Option: Partition A , **2. Option:** Partition B, **3. Option:** Partition C, **4. Option:** Partition D

- **LED Keypad;**
  Zone 1 - [21] [01] → [**1-2-3-4**] → [√ OK]
  Zone 2 - [21] [02] → [**1-2-3-4**] → [√ OK]
  Zone 3 - [21] [03] → [**1-2-3-4**] → [√ OK]
  Zone 4 - [21] [04] → [**1-2-3-4**] → [√ OK]
  Zone 5 - [21] [05] → [**1-2-3-4**] → [√ OK]
  Zone 6 - [21] [06] → [**1-2-3-4**] → [√ OK]
  Zone 7 - [21] [07] → [**1-2-3-4**] → [√ OK]
  Zone 8 - [21] [08] → [**1-2-3-4**] → [√ OK]
- **LED Keypad;**
  [Zone Settings √ OK] → [Partition √ OK] → [1- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [2- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [3- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [4- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [5- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [6- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [7- Zone Partition **A-B-C-D**] → [√ OK]
  [Zone Settings √ OK] → [Partition √ OK] → [8- Zone Partition **A-B-C-D**] → [√ OK]

7.5.3 Zon Type

The zone type can be selected according to the type of zone and the location which detector installed. The information which will be send to CMS will be defined in this section according to zone type. Only one of these types can be selected for a zone.

Zone types are listed in the table below.

Option	Zone Type	Explanation
1	Door	This option is available for zones to which door-mounted magnetic contacts are connected.
2	Window	This option is available for zones with window-mounted magnetic contacts.
3	Interior	This option is available for zones with indoor sensors.
4	Exterior	This option is available for zones with outdoor sensors.
5	24 Hour	This type of selected zones are continuously active whether the system is armed or not. Sends 24 Hour alarm information to CMS.
6	Fire	This type of selected zones are continuously active whether the system is armed or not. Sends Fire Alarm information to CMS. Can be used the zones which connected fire detector. Fire alarm can be silenced by entering code on keypad.
7	Panic Button	This type of selected zones are continuously active whether the system is armed or not. Sends Panic alarm information to CMS. Can be use for Panic buttons. Siren will not gives warning for this zone type.
8	Duress	This type of selected zones are continuously active whether the system is armed or not. Sends Duress information to CMS. Siren will not gives warning for this zone type.
9	Tamper	This type of selected zones are continuously active whether the system is armed or not. Sends Tamper information to CMS. This zone type can be used for tamper connections of the PIR, siren, panel etc.
10	Medical	This type of selected zones are continuously active whether the system is armed or not. Sends Medical Alarm information to CMS. This zone type can be selected when an emergency button is install to the system for the person who need for care.
11	Custom	This type of selected zones are continuously active whether the system is armed or not. Sends any information to CMS which user selected.
12	Keyswitch	System will be Armed if this zone goes NC and Disarmed if goes NO.

- **LED Keypad;**

  Zone 1 - [22] [01] → [**XX**] → [√ OK]
  Zone 2 - [22] [02] → [**XX**] → [√ OK]
  Zone 3 - [22] [03] → [**XX**] → [√ OK]
  Zone 4 - [22] [04] → [**XX**] → [√ OK]
  Zone 5 - [22] [05] → [**XX**] → [√ OK]
  Zone 6 - [22] [06] → [**XX**] → [√ OK]
  Zone 7 - [22] [07] → [**XX**] → [√ OK]
  Zone 8 - [22] [08] → [**XX**] → [√ OK]
- **LCD Keypad;**

  [Zone Settings √ OK] → [Zone Type √ OK] → [1- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [2- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [3- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [4- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [5- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [6- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [7- Zone Type] → [√ OK]
  [Zone Settings √ OK] → [Zone Type √ OK] → [8- Zone Type] → [√ OK]

7.5.4 Extra Settings

This is the section where settings for zone behavior are made.

Option	1.	2.	3.	4.	5.	6.	7.
LED ON	Last Door Zone ON	Follower Zone ON	Entry – Exit Zone ON	Silent Zone ON	Bypass Not Allowed	Include Home Arming	Cross Zone ON
LED OFF	Last Door Zone OFF	Follower Zone OFF	Entry – Exit Zone OFF	Silent Zone Off	Bypass Allowed	Not Include Home Arming	Cross Zone OFF

Last Door Zone; When exit from the zone selected as the last door, alarm system will armed immidiatly without waiting for exit delay ends. Last Door selected zone is automatically set as Input-Output Zone.

Follower Zone; This zone follows the Input- Output zone. If Input- output zone activated before followe zone, the follower zone gives entry – exit delay. But if the follower zone activated before input – output zone, it gives alarm instantly.

Input - Output Zone; It gives entry delay if the system already armed and waiting for disarm or gives exit delay if the system will be armed and leave the pleace.

Silent Zone; This zone will not trigger any sounder but it send alarm information to CMS.

Bypass Allowed – Not Allowed ; It allowes the bypass key if related zone can be bypass or not.

Include Home Arming; If this option is selected for any zone, when the system armed with “Stay” mode, this zones will not work. This feature is used when the users arming the system while they still inside the place.

Cross Zone; If two or more triggers are triggered during the cross-zone detection period, the panel switches to alarms if the zones selected as Cross-Zone. If double hit selected, this activation trigger should be triggered same detector during the cross zone period. But if double hit is not selected, second trigger should triggered from cross zone in the same partition. If there will be no second trigger in the time period of cross zone, panel gives Cross Zone Fault.

LED Keypad;

Zone 1 - [23] [01] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 2 - [23] [02] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 3 - [23] [03] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 4 - [23] [04] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 5 - [23] [05] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 6 - [23] [06] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 7 - [23] [07] → [**1-2-3-4-5-6-7**] → [√ OK]
Zone 8 - [23] [08] → [**1-2-3-4-5-6-7**] → [√ OK]

- **LCD Keypad;**

[Zone Settings √ OK]→[Extra Settings √ OK]→[1- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[2- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[3- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[4- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[5- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[6- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[7- Zone Options **1-2-3-4-5-6-7**]→[√ OK]
[Zone Settings √ OK]→[Extra Settings √ OK]→[8- Zone Options **1-2-3-4-5-6-7**]→[√ OK]

PS: (1) *Options 2 and 3 cannot be activated at the same time in one zone.*
(2) *Cross Zone feature only applies to zones selected as Door, Window, Internal and External. It is not recommended to use cross zone feature in Entry-Exit and Follower Zones.*

7.5.5 Response Time

The panel does not detect contact motion as an alarm for less than the given time. This value can be set between 2-255. Each number defines 30 milisecond increase. For example if this value entered 15, the response time will be 15x30ms= 450 milisecond.

- **LED Keypad;**

Zone 1 - [24] [01] → [**XX**] → [√ OK]
Zone 2 - [24] [02] → [**XX**] → [√ OK]
Zone 3 - [24] [03] → [**XX**] → [√ OK]
Zone 4 - [24] [04] → [**XX**] → [√ OK]
Zone 5 - [24] [05] → [**XX**] → [√ OK]
Zone 6 - [24] [06] → [**XX**] → [√ OK]
Zone 7 - [24] [07] → [**XX**] → [√ OK]
Zone 8 - [24] [08] → [**XX**] → [√ OK]

- **LCD Keypad;**

[Zone Settings √ OK]→[Response Time √ OK]→[1- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[2- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[3- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[4- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[5- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[6- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[7- Zone Delay **XX**]→[√ OK]
[Zone Settings √ OK]→[Response Time √ OK]→[8- Zone Delay **XX**]→[√ OK]

7.5.6 Zone Names

It is the setting used to display the zone names as desired on the keypad display. This feature is only available with LCD Keypad.

- **LCD Keypad;**
  [Zone Settings √ OK]→[Zone Names √ OK]→[1- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[2- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[3- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[4- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[5- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[6- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[7- Zone Name]→[√ OK]
  [Zone Settings √ OK]→[Zone Names √ OK]→[8- Zone Name]→[√ OK]

Numeric alphabet on keypad can be used to enter zone names. The numerical alphabet on the keypad is as shown on the left (Figure 19). Left-right arrow keys can be used to move between letters and up-down arrow keys can be used to switch between zones. Press 0 twice to insert a space between words or delete a letter.

Figure 20: Numeric Keypad

7.6 KEYPAD SETTINGS

This is the section where all the Keypad settings are made. Pars series Alarm control panels suppors 4 keypad connection at the same time. All settings should be made for all 4 keypads separately. All keypads should be giving addressed first. For addressing the keypads; see **7.10 Learn and Change the Keypad Address**.

7.6.1 Keypad Option

You can select whether the keypad is authorized to control the following features.

Option	1.	2.	3.	4.	5.	6.	7.
Feature	**Keypad Use**	**Quick Arm**	**ARM Permission**	**Disarm Permission**	**Programming**	**Access Control**	**Keypad Tamper**
LED ON	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LED OFF	No	No	No	No	No	No	No

PS: *If keypad tamper activated, system gives Tamper Alarm when the communication is lost between Keypad and Control Panel.*

LED Keypad;
Keypad 1 - [30] [01] → [**1-2-3-4-5-6-7**] → [√ OK]
Keypad 2 - [30] [02] → [**1-2-3-4-5-6-7**] → [√ OK]
Keypad 3 - [30] [03] → [**1-2-3-4-5-6-7**] → [√ OK]
Keypad 4 - [30] [04] → [**1-2-3-4-5-6-7**] → [√ OK]

- **LCD Keypad;**
[Keypad Settings √ OK]→[Keypad Options √ OK]→[1- Keypad Option **1-2-3-4-5-6-7**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Options √ OK]→[2- Keypad Option **1-2-3-4-5-6-7**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Options √ OK]→[3- Keypad Option **1-2-3-4-5-6-7**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Options √ OK]→[4- Keypad Option **1-2-3-4-5-6-7**]→[√ OK]

7.6.2 Keypad Partitions

You can select authorized partitions for each Keypad. Each keypad can be authorized for multiple partition.

- **LED Keypad;**
Keypad 1 - [31] [01] → [**1-2-3-4**] → [√ OK]
Keypad 2 - [31] [02] → [**1-2-3-4**] → [√ OK]
Keypad 3 - [31] [03] → [**1-2-3-4**] → [√ OK]
Keypad 4 - [31] [04] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**
[Keypad Settings √ OK]→[Keypad Partitions √ OK]→[1- Keypad Authr. Partitions **A-B-C-D**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Partitions √ OK]→[2- Keypad Authr. Partitions **A-B-C-D**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Partitions √ OK]→[3- Keypad Authr. Partitions **A-B-C-D**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Partitions √ OK]→[4- Keypad Authr. Partitions **A-B-C-D**]→[√ OK]

7.6.3 Keypad Customize

In this section you can make some settings such as Keypad warning, special keys, language options and Keypad screen customizations.

Chime ON

An audible warning can be set on Keypad when defined zone triggered when the system is not armed. This feature can be set when this zone is activated or de-activated.

To turn on the chime feature when the zone is <u>active</u>;

- **LED Keypad;**
Zon 1-8 - [32] [01] → [**1-2-3-4-5-6-7-8**] → [√ OK]
Zon 9-16 - [32] [02] → [**1-2-3-4-5-6-7-8**] → [√ OK]
Zon 17-24 - [32] [03] → [**1-2-3-4-5-6-7-8**] → [√ OK]
Zon 25-32 - [32] [04] → [**1-2-3-4-5-6-7-8**] → [√ OK]

- **LCD Keypad;**
[Keypad Settings √ OK]→[Keypad Customize √ OK]→[1- Chime ON 1-8 Zones **1-2-3-4-5-6-7-8**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Customize √ OK]→[2- Chime ON 9-16 Zones **1-2-3-4-5-6-7-8**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Customize √ OK]→[3- Chime ON 17-24 Zones **1-2-3-4-5-6-7-8**]→[√ OK]
[Keypad Settings √ OK]→[Keypad Customize √ OK]→[4- Chime ON 25-32 Zones **1-2-3-4-5-6-7-8**]→[√ OK]

To turn on the chime feature when the zone is de-active;

- **LED Keypad;**
  Zon 1-8 - [32] [05] → [**1-2-3-4-5-6-7-8**] → [√ OK]
  Zon 9-16 - [32] [06] → [**1-2-3-4-5-6-7-8**] → [√ OK]
  Zon 17-24 - [32] [07] → [**1-2-3-4-5-6-7-8**] → [√ OK]
  Zon 25-32 - [32] [08] → [**1-2-3-4-5-6-7-8**] → [√ OK]
- **LCD Keypad;**
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[1- Chime OFF 1-8 Zones **1-2-3-4-5-6-7-8**]→[√ OK]
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[1- Chime OFF 9-16 Zones **1-2-3-4-5-6-7-8**]→[√ OK]
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[1- Chime OFF 17-24 Zones **1-2-3-4-5-6-7-8**]→[√ OK]
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[1- Chime OFF 25-32 Zones **1-2-3-4-5-6-7-8**]→[√ OK]

Zone Light

Defines keypad lights when zones are activated.

- **LED Keypad;**
  Zon 1-8 - [32] [09] → [**1-2-3-4-5-6-7-8**] → [√ OK]
  Zon 9-16 - [32] [10] → [**1-2-3-4-5-6-7-8**] → [√ OK]
- **LCD Keypad;**
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[09- Lights 1-8 Zones]→[√ OK]
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[10- Lights 9-16 Zones]→[√ OK]

Emergency Keys

There are shortcut keys on the keypad that can be manually created for Panic, Fire and Medical alarms (**Figure 20**). Press and hold these keys to activate. In this section, you can select whether the emergency shortcut keys on the keypad are active or not. Also you can choose if Keypad installation tamper switch will be active or not.

Figure 19: Emergency Shortcut Keys

Option	1.	2.	3.	4.
Feature	Panic	Fire	Medical	Keypad Tamper
LED ON	Yes	Yes	Yes	Yes
LED OFF	NO	NO	NO	NO

- **LED Keypad;**
  [32] [11] → [**1-2-3-4**] → [√ OK]
- **LCD Keypad;**
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[11- EMG Buttons **1-2-3-4**]→[√ OK]

Sound Option

You can set the following sound options on Keypad.

Option	1.	2.	3.	4.	5.	6.
Feature	Entry/Exit	Armed	Alarm	Fault	Keytone	Operate
LED ON	Yes	Yes	Yes	Yes	Yes	Yes
LED OFF	NO	NO	NO	NO	NO	NO

LED Keypad;
[32] [012] → [**1-2-3-4-5-6**] → [√ OK]

- **LCD Keypad;**
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[12- Sound Option **1-2-3-4-5-6**]→[√ OK]

Language (Only LCD Keypad)

You can change the language on LCD Keypad. Supported languages are English and Turkish.

- **LCD Keypad;**
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[13- Language]→[√ OK]

Logo Line 1 (Only LCD Keypad)

The information that will appear on the LCD Keypad screen when idle can be entered in this field. LCD display can be set in two lines. Keypad numeric keys (**Figure: 19**) and arrow keys can be used to enter letters.

- **LCD Keypad;**
  [Keypad Settings √ OK]→[Keypad Customize √ OK]→[15- Logo Line 1]→[√ OK]

Logo Line 2 (Only LCD Keypad)

The information that will appear on the LCD Keypad screen when idle can be entered in this field. LCD display can be set in two lines. Keypad numeric keys (**Figure: 19**) and arrow keys can be used to enter letters.

- **LCD Keypad;**
  - [Keypad Settings √ OK]→[Keypad Customize √ OK]→[16- Logo Line 2]→[√ OK]

7.7 USER SETTINGS

This is the section where the user codes are create or changed. These settings are only accessible in the "Master Menu" and can only be entered with the Master User Code.

7.7.1 Start Time

You can set which user codes will be start active in a specific time. You can enter Hour (**HH**) and minute (**MM**).

- **LED Keypad;**
  1. User - [40] [01] → [**HH:MM**] → [√ OK]
  2. User - [40] [02] → [**HH:MM**] → [√ OK]
  3. User - [40] [03] → [**HH:MM**] → [√ OK]
  4. User - [40] [04] → [**HH:MM**] → [√ OK]
  5. User - [40] [05] → [**HH:MM**] → [√ OK]
  6. User - [40] [06] → [**HH:MM**] → [√ OK]
  7. User - [40] [07] → [**HH:MM**] → [√ OK]
  8. User - [40] [08] → [**HH:MM**] → [√ OK]
  9. User - [40] [09] → [**HH:MM**] → [√ OK]
  10. User - [40] [10] → [**HH:MM**] → [√ OK]
- **LCD Keypad;**
  [User Settings √ OK]→[Start Time √ OK]→[1- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[2- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[3- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[4- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[5- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[6- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[7- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[8- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[9- Start Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Start Time √ OK]→[10- Start Time **HH:MM**]→[√ OK]

7.7.2 Finish Time

You can set which user codes will be passive in a specific time. You can enter Hour (**HH**) and minute (**MM**).

- **LED Keypad;**

  1. User - [41] [01] → [**HH:MM**] → [√ OK]
  2. User - [41] [02] → [**HH:MM**] → [√ OK]
  3. User - [41] [03] → [**HH:MM**] → [√ OK]
  4. User - [41] [04] → [**HH:MM**] → [√ OK]
  5. User - [41] [05] → [**HH:MM**] → [√ OK]
  6. User - [41] [06] → [**HH:MM**] → [√ OK]
  7. User - [41] [07] → [**HH:MM**] → [√ OK]
  8. User - [41] [08] → [**HH:MM**] → [√ OK]
  9. User - [41] [09] → [**HH:MM**] → [√ OK]
  10. User - [41] [10] → [**HH:MM**] → [√ OK]

- **LCD Keypad;**

  [User Settings √ OK]→[Finish Time √ OK]→[1- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[2- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[3- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[4- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[5- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[6- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[7- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[8- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[9- Finish Time **HH:MM**]→[√ OK]
  [User Settings √ OK]→[Finish Time √ OK]→[10- Finish Time **HH:MM**]→[√ OK]

7.7.3 User Days

You can set which user codes will be start active in a specific day.

1: Monday, **2:** Tuesday, **3:** Wednesday, **4:** Thursday **5:** Friday, **6:** Saturday, **7:** Sunday

- **LED Keypad;**

  1. User - [42] [01] → [**1-2-3-4-5-6-7**] → [√ OK]
  2. User - [42] [02] → [**1-2-3-4-5-6-7**] → [√ OK]
  3. User - [42] [03] → [**1-2-3-4-5-6-7**] → [√ OK]
  4. User - [42] [04] → [**1-2-3-4-5-6-7**] → [√ OK]
  5. User - [42] [05] → [**1-2-3-4-5-6-7**] → [√ OK]
  6. User - [42] [06] → [**1-2-3-4-5-6-7**] → [√ OK]
  7. User - [42] [07] → [**1-2-3-4-5-6-7**] → [√ OK]
  8. User - [42] [08] → [**1-2-3-4-5-6-7**] → [√ OK]
  9. User - [42] [09] → [**1-2-3-4-5-6-7**] → [√ OK]
  10. User - [42] [10] → [**1-2-3-4-5-6-7**] → [√ OK]

- **LCD Keypad;**

[User Settings √ OK]→[Days √ OK]→[1- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[2- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[3- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[4- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[5- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[6- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[7- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[8- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[9- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]
[User Settings √ OK]→[Days √ OK]→[10- Authorized Days **1-2-3-4-5-6-7**]→[√ OK]

7.7.4 User Partitions

You can set which user codes will be authorized in which partition(s).

1. Option: Partition A, **2. Option:** Partition B, **3. Option:** Partition C, **4. Option:** Partition D

- **LED Keypad;**

1. User - [43] [01] → [**1-2-3-4**] → [√ OK]
2. User - [43] [02] → [**1-2-3-4**] → [√ OK]
3. User - [43] [03] → [**1-2-3-4**] → [√ OK]
4. User - [43] [04] → [**1-2-3-4**] → [√ OK]
5. User - [43] [05] → [**1-2-3-4**] → [√ OK]
6. User - [43] [06] → [**1-2-3-4**] → [√ OK]
7. User - [43] [07] → [**1-2-3-4**] → [√ OK]
8. User - [43] [08] → [**1-2-3-4**] → [√ OK]
9. User - [43] [09] → [**1-2-3-4**] → [√ OK]
10. User - [43] [10] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[User Settings √ OK]→[Partitions √ OK]→[1- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[2- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[3- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[4- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[5- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[6- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[7- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[8- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[9- Authorized Partitions **A-B-C-D**]→[√ OK]
[User Settings √ OK]→[Partitions √ OK]→[10- Authorized Partitions **A-B-C-D**]→[√ OK]

7.7.5 User Keypads

You can set which user codes will be authorized in which Keypads.

1. **Option:** 1. Keypad, **2. Option:** 2. Keypad, **3. Option:** 3. Keypad, **4. Option:** 4. Keypad

- **LED Keypad;**

1. User - [44] [01] → [Authorized Keypad **1-2-3-4**] → [√ OK]
2. User - [44] [02] → [Authorized Keypad **1-2-3-4**] → [√ OK]
3. User - [44] [03] → [Authorized Keypad **1-2-3-4**] → [√ OK]
4. User - [44] [04] → [Authorized Keypad **1-2-3-4**] → [√ OK]
5. User - [44] [05] → [Authorized Keypad **1-2-3-4**] → [√ OK]
6. User - [44] [06] → [Authorized Keypad **1-2-3-4**] → [√ OK]
7. User - [44] [07] → [Authorized Keypad **1-2-3-4**] → [√ OK]
8. User - [44] [08] → [Authorized Keypad **1-2-3-4**] → [√ OK]
9. User - [44] [09] → [Authorized Keypad **1-2-3-4**] → [√ OK]
10. User - [44] [10] → [Authorized Keypad **1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[User Settings √ OK]→[Keypads √ OK]→[1- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[2- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[3- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[4- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[5- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[6- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[7- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[8- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[9- Authorized Keypad **1-2-3-4**]→[√ OK]
[User Settings √ OK]→[Keypads √ OK]→[10- Authorized Keypad **1-2-3-4**]→[√ OK]

7.7.6 User Limitations

This is the section where user codes are restricted.

Option	1.	2.	3.	4.	5.
Feature	Arm Limit	Disarm Limit	One Time Code	One Day Code	Bypass Limit
LED ON	Yes	Yes	Yes	Yes	Yes
LED OFF	NO	NO	NO	NO	NO

- **LED Keypad;**

1. User - [45] [01] → [**1-2-3-4-5**] → [√ OK]
2. User - [45] [02] → [**1-2-3-4-5**] → [√ OK]
3. User - [45] [03] → [**1-2-3-4-5**] → [√ OK]
4. User - [45] [04] → [**1-2-3-4-5**] → [√ OK]
5. User - [45] [05] → [**1-2-3-4-5**] → [√ OK]
6. User - [45] [06] → [**1-2-3-4-5**] → [√ OK]
7. User - [45] [07] → [**1-2-3-4-5**] → [√ OK]
8. User - [45] [08] → [**1-2-3-4-5**] → [√ OK]
9. User - [45] [09] → [**1-2-3-4-5**] → [√ OK]
10. User - [45] [10] → [**1-2-3-4-5**] → [√ OK]

- **LCD Keypad;**
  [User Settings √ OK]→[Limitations √ OK]→[1- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[2- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[3- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[4- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[5- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[6- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[7- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[8- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[9- Limitations **1-2-3-4-5**]→[√ OK]
  [User Settings √ OK]→[Limitations √ OK]→[10- Limitations **1-2-3-4-5**]→[√ OK]

PS: *Options 3 and 4 are available only for the guest user (User 10).*

7.8 COMMUNICATOR SETTINGS

This is the section where the general settings of the device related to call, SMS and Central Monitoring Center are made.

7.8.1 General Options

General Settings

This is the section where CMS dialing, user dialing and telephone calls are made in general settings.

Option	1.	2.	3.	4.	5.	6.	7.	8.
Feature	CMS Call	User Call	SMS	Calls Cancel When Disarm	Siren Warning When Line Cut	Confirmation from Phone	End Calls on First Confirmation	Silence Alarm on Confirmation
LED ON	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LED OFF	NO	NO	NO	NO	NO	NO	NO	NO

- **LED Keypad;**
  [50] [01] → [**1-2-3-4-5-6-7-8**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Options √ OK]→[General Settings **1-2-3-4-5-6-7-8**]→[√ OK]

Dial Attempts

The number of times the call will be tried is determined. A value can be selected between 1 and 15.

- **LED Keypad;**
  [50] [02] → [**XX**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Dial Attempts **XX**]→[√ OK]

Test Interval

This is where you set how often the test signal is sent to the CMS.

Important: It is recommended to set this time to 24 Hours to avoid high invoice amounts when using a PSTN telephone line.

LED Keypad;
[50] [04] → [**XX**] → [√ OK]

- **LCD Keypad;**
[Communicator √ OK]→[General Settings √ OK]→[Test Interval **XX**]→[√ OK]

First Test Time

The first test time to be sent to the CMS is entered in this section.

- **LED Keypad;**
[50] [05] → [**HH:MM**] → [√ OK]
- **LCD Keypad;**
[Communicator √ OK]→[General Settings √ OK]→[First Test At **HH:MM**]→[√ OK]

Call Delay

This section specifies how many seconds to delay during between two-number dialing. Value can be entered 1-30sec.

- **LED Keypad;**
[50] [06] → [**XX**] → [√ OK]
- **LCD Keypad;**
[Communicator √ OK]→[General Settings √ OK]→[Call Delay **XX**]→[√ OK]

CMS 1 Format

CMS format can be selected as Contact ID or SIA.

0: Contact ID – **1:** SIA

- **LED Keypad;**
[50] [07] → [**0-1**] → [√ OK]
- **LCD Keypad;**
[Communicator √ OK]→[General Settings √ OK]→[CMS 1 Format]→[√ OK]

CMS 2 Format

CMS format can be selected as Contact ID or SIA.

0: Contact ID – **1:** SIA

- **LED Keypad;**
[50] [08] → [**0-1**] → [√ OK]
- **LCD Keypad;**
[Communicator √ OK]→[General Settings √ OK]→[CMS 2 Format]→[√ OK]

Partition A CMS

Which CMS to send the reports for Partition A is selected in this section.

1: CMS 1 – **2:** CMS 2

- **LED Keypad;**
[50] [09] → [**1-2**] → [√ OK]
- **LCD Keypad;**
[Communicator √ OK]→[General Settings √ OK]→[Partition A CMS **1-2**]→[√ OK]

Partition B CMS

Which CMS to send the reports for Partition B is selected in this section.

1: CMS 1 – **2:** CMS 2

- **LED Keypad;**
  [50] [10] → [**1-2**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Partition B CMS **1-2**]→[√ OK]

Partition C CMS

Which CMS to send the reports for Partition B is selected in this section.

1: CMS 1 – **2:** CMS 2

- **LED Keypad;**
  [50] [11] → [**1-2**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Partition C CMS **1-2**]→[√ OK]

Partition D CMS

Which CMS to send the reports for Partition D is selected in this section.

1: CMS 1 – **2:** CMS 2

- **LED Keypad;**
  [50] [12] → [**1-2**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Partition D CMS **1-2**]→[√ OK]

Partition A Phones

Which user phone numbers to call for Part A is selected from this section. The system can call a total of 6 user numbers.

- **LED Keypad;**
  [50] [13] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. A Phones **1-2-3-4-5-6**]→[√ OK]

Partition B Phones

Which user phone numbers to call for Part B is selected from this section. The system can call a total of 6 user numbers.

- **LED Keypad;**
  [50] [14] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. B Phones **1-2-3-4-5-6**]→[√ OK]

Partition C Phones

Which user phone numbers to call for Part C is selected from this section. The system can call a total of 6 user numbers.

- **LED Keypad;**
  [50] [15] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. C Phones **1-2-3-4-5-6**]→[√ OK]

Partition D Phones

Which user phone numbers to call for Part D is selected from this section. The system can call a total of 6 user numbers.

- **LED Keypad;**
  [50] [16] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. D Phones **1-2-3-4-5-6**]→[√ OK]

Partition A SMS

Which user phone numbers to send SMS for Part A is selected from this section. The system can send SMS total of 6 user numbers.

- **LED Keypad;**
  [50] [17] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. A SMS **1-2-3-4-5-6**]→[√ OK]

Partition B SMS

Which user phone numbers to send SMS for Part B is selected from this section. The system can send SMS total of 6 user numbers.

- **LED Keypad;**
  [50] [18] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. B SMS **1-2-3-4-5-6**]→[√ OK]

Partition C SMS

Which user phone numbers to send SMS for Part C is selected from this section. The system can send SMS total of 6 user numbers.

- **LED Keypad;**
  [50] [19] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. C SMS **1-2-3-4-5-6**]→[√ OK]

Partition D SMS

Which user phone numbers to send SMS for Part D is selected from this section. The system can send SMS total of 6 user numbers.

- **LED Keypad;**
  [50] [20] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[General Settings √ OK]→[Part. D SMS **1-2-3-4-5-6**]→[√ OK]
  PS: *SMS can be used with panels with onboard GSM/GPRS Module or externally installed TXM-5272 GSM/GPRS Module.*

Important: In order to send SMS, the SIM card inserted in the device must have SMS sending enabled. To avoid surprise billing amounts, it is important that you define an SMS package that is used according to your SMS preferences.

7.8.2 Raport Masks

It is the section where the communication ways of the system are selected. The following table provides the necessary settings for all event types.

Option	1.	2.	3.	4.	5.	6.
Feature	CMS Notification	Phone Notification	CMS Restores	Phone Restores	SMS Notification	SMS Restores
LED ON	ON	ON	ON	ON	ON	ON
LED OFF	OFF	OFF	OFF	OFF	OFF	OFF

The following settings can be made for a total of 32 different event types registered in the system. You can find information on what these event types are and at which addresses they are registered in the “Event Types and Addresses” table below.

- **LED Keypad;**
  [51] [01] → [**1-2-3-4-5-6**] → [√ OK]
- **LCD Keypad;**
  [Communicator √ OK]→[Report Masks √ Tamam]→[01- Intruder Alarm **1-2-3-4-5-6**]→[√ OK]

Event Types and Addresses;

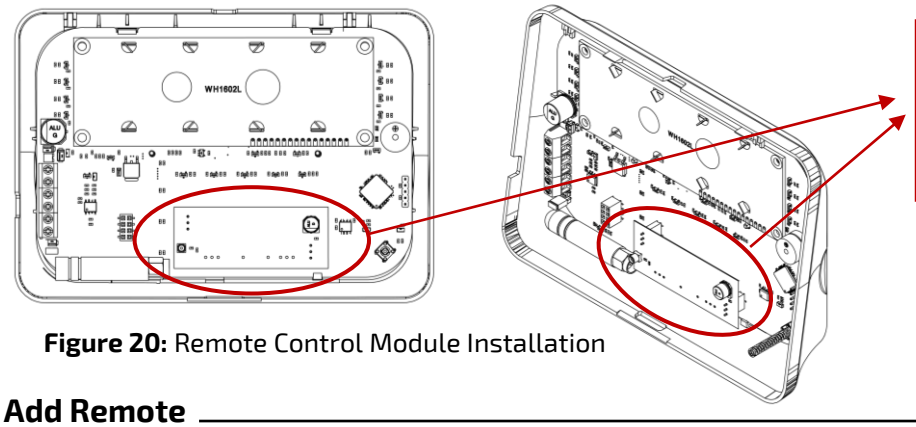
No	Event Type	Adress	Factory Default
1	Intruder Alarm	[51] [01]	1-2-3-5-6
2	Panic Alarm	[51] [02]	1-2-3-5-6
3	Fire Alarm	[51] [03]	1-2-3-5-6
4	Duress Alarm	[51] [04]	1-2-3-5-6
5	Tamper Alarm	[51] [05]	1-2-3-5-6
6	Medical Alarm	[51] [06]	1-2-3-5-6
7	Duress Disarm	[51] [07]	1-2-3-5-6
8	Cancel Alarm	[51] [08]	1-3-5-6
9	Zone Trouble	[51] [09]	1-3-5-6
10	Mains Failed	[51] [10]	1-3-5-6
11	Intruder Verify	[51] [11]	1-3-5-6
12	Cross Fault	[51] [12]	1-3-5-6
13	Low Battery	[51] [13]	1-3-5-6
14	Line Fail	[51] [14]	1-3-5-6
15	Battery Fail	[51] [15]	1-3-5-6
16	COM Fail	[51] [16]	1-3-5-6
17	Special ARM/Disarm	[51] [17]	1-3-5-6
18	Disarm	[51] [18]	1-3-5-6
19	Bypassed	[51] [19]	1-3-5-6
20	Programm Begin	[51] [20]	1-3-5-6
21	Programm End	[51] [21]	1-3-5-6
22	Periodic Report	[51] [22]	1-3-5-6
23	Panel Restart	[51] [23]	1-3-5-6
24	Manual Test	[51] [24]	1-3-5-6
25	Disarm By Phone	[51] [25]	1-3-5-6
26	Disarm By PC	[51] [26]	1-3-5-6
27	Remote Connection	[51] [27]	1-3-5-6
28	Line Intervention	[51] [28]	1-3-5-6
29	PGM Opened	[51] [29]	1-3-5-6
30	Custom Event	[51] [30]	1-3-5-6
31	24 Hour Alarm	[51] [31]	1-2-3-5-6
32	Factory Default	[51] [32]	1-3-5-6

7.9 MODULES

This is the section where additional Modules settings are made. These settings are only accessible in the “Master Programming” and can only be entered with the Master User Code.

7.8.3 Remote Module

In addition to the keypad, remote control keyfob can be added to the system to perform the operations such as arm-disarm and performing PGM control. In order to introduce a remote control keyfob to the system, a remote control module must be connected to the system (TSC-5716). This remote control receiver module can be install into the Keypad.



Remote Control Module (TSC-5715), can be install inside of TSK-5710 LCD and TSK-5718 LED Keypads as in figüre.

Figure 20: Remote Control Module Installation

Add Remote

User code is required for adding remote keyfob. İlgili adıma gelindiğinde 4-digit code is entered for which user is required to define a remote control keyfob and ve 4 buttons on the keyfob are pressed simultaneously for 2 seconds. When the keypad sounds OK, 4 keys are pressed simultaneously for 2 seconds again.

- **LED Keypad;**

[60] [01] → [User Code **XXXX**] → [Press 4 Buttons]→ [Press 4 Buttons Again]→ [√ OK]

- **LCD Keypad;**

[Modules √ OK]→[Remote Module √ OK]→[Add Remote]→[User Code **XXXX**]→[Press 4 Buttons]→ [Press 4 Buttons Again]→[√ OK]

Important*: Before assigning a remote control keyfob to a user, that user's password must be generated. If no password is generated, an error message “**ID User Unavailable**” is received.

Important:** Only one remote keyfob can be assigned to each user. If an attempt is made to re-assign a remote keyfonb to a user who has already been assigned a remote keyfob, the system warns “**ID Remote Available**”.

Erase Remote

This is the section where the user remote keyfob is deleted. The remote keyfob for each user appears as “Available” or “Unavailable“. To delete the remote control, select “Unavailable” in the related section.

LED Keypad;

[61] [01] → [Chose] → [√ OK]

- **LCD Keypad;**

[Modules √ OK]→[Remote Module √ OK]→[Erase Remote]→[**Select Unavailable**]→[√ OK]

PS: *Selection is may done with right and left arrow keys (B-C).*

7.10 LEARN AND CHANGE THE KEYPAD ADDRESS

The factory default for the keypad address is 1. If multiple keypads are used in the system, their addresses must be different.

To change the keypad's address, the following operation is performed while the keypad in the normal position.

[Press and Hold **4**] → [Enter Keypad Address **X**] → [√ OK]
(Keypad address may given as 1, 2, 3 and 4)

To see the address of the keypad, the following operation is performed while the keypad in the normal position.

LCD Keypad;
[Press and Hold **6**] → [Master Code **XXXX**] → [4- Keypad Address] → [√ OK] Shown Keypad Address.

LED Keypad;
[Press and Hold **6**] → [Master Code **XXXX**] → [Press 4] Shown Keypad Address.

8. PROGRAMMING TABLE

This table shows all the functions and the factory settings that can be made on the panel.

<InP> Installer Menu with Installer Code – Factory Default: 9999
<MaP> Master Menu with Master Code – Factory Default: 1234

ADDRESS	FUNCTION	VALUE - SETTINGS	FACTORY DEFAULT	ACCESS AUTHORITY
0 – BASIC SETTINGS				
01 – TIME / DATE SETTINGS				
01 01	**Time**	HH:MM **HH:** Hour, **MM:** Minute	00:00	**InP & MaP**
01 02	**Date**	DD MM YY **DD:** Day, **MM:** Month, **YY:** Last Two Digit of the Year	00.00.00	**InP & MaP**
02 – ENTRANCE DELAYS				
02 01 **02 02** **02 03** **02 04**	**Partition A** **Partition B** **Partition C** **Partition D**	0~255 Second	15 0 0 0	**InP**
03 – EXIT DELAYS				
03 01 **03 02** **03 03** **03 04**	**Partition A** **Partition B** **Partition C** **Partition D**	0~255 Second	15 0 0 0	**InP**
04 – CMS ACCOUNT NO				
04 01 **04 02**	**CMS 1** **CMS 2**	4 Digit Account Number	0000 0000	**InP**
05 – CMS PHONE NUMBER				
05 01 **05 02** **05 03** **05 04**	**CMS 1** **CMS 2** **Backup CMS 1** **Backup CMS 2**	Up to 15 Digit Phone Number (Including space) 0 (press long) can give you space if you need time to wait for line. To erase the phone number press and hold **[B]**.	Empty Empty Empty Empty	**InP**
06 – USER PHONE NUMBER				
06 01 **06 02** **06 03** **06 04** **06 05** **06 06**	**1. User Phone Number** **2. User Phone Number** **3. User Phone Number** **4. User Phone Number** **5. User Phone Number** **6. User Phone Number**	Up to 15 Digit Phone Number (Including space) 0 (press long) can give you space if you need time to wait for line. To erase the phone number press and hold **[B]**.	Empty Empty Empty Empty Empty Empty	**InP**
07 – USER CODES				
07 01 **07 02** **07 03** **07 04** **07 05** **07 06** **07 07** **07 08** **07 09** **07 10** **07 11**	**1. User Code** **2. User Code** **3. User Code** **4. User Code** **5. User Code** **6. User Code** **7. User Code** **8. User Code** **9. User Code** **10. User Code** **11. Threat (Duress) Code**	4 Digit Code	0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000	**MaP**
1 – PANEL SETTINGS				
10 – GENERAL SETTINGS				
10 01	**Panel Options**	2. Option: Quick Arm On/Off 3. Option: Auto Siren Test On/Off 4. Option: Arm/Disarm From Different Keypad On/Off 5. Option: Exit Delay Extension On/Off 6. Option: Double Hit On/Off	2	**InP**
10 02	**Output Polarization**	1. Option: PGM- NC/NO 4. Option: SRN- NC/NO (+/- Trigger)	1. NO 2. NO	**InP**

10 03	**Default Settings Requests**	1. Option: Reset Codes 2. Option: Reset Panel Settings	-	**InP & MaP**
10 04	**Reset Permission**	1. Option: Reset Codes Permission 2. Option: Reset Panel Settings Permission	1 - 2	**InP**
10 05	**Power Report Delay**	0~60 Minutes	15	**InP**
10 06	**Double Trigger Time**	0-255 Second Ps: If you enter "0" Cross Zone Feature will be Off.	60	**InP**
11 – SIREN SETTINGS				
11 01	**Siren Using Partitions**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D	A- B- C- D	**InP**
11 02	**Cut-Off Time**	2~255 Minutes	3	**InP**
12 – AUTO ARM/DISARM				
12 01	**Auto Arm Partition**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D Auto Arming is Disabled if All Options are Off	Disable	**InP**
12 02	**Auto Arm Days**	1. Option: Monday 2. Option: Tuesday 3. Option: Wednesday 4. Option: Thursday 5. Option: Friday 6. Option: Saturday 7. Option: Sunday	All Selected	**InP & MaP**
12 03	**Auto Arm Time**	HH: MM **HH:** Hour, **MM:** Minute	00:00	**InP & MaP**
12 04	**Auto Disarm Partition**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D Auto Arming is Disabled if All Options are Off	Disable	**InP & MaP**
12 05	**Auto Disarm Days**	1. Option: Monday 2. Option: Tuesday 3. Option: Wednesday 4. Option: Thursday 5. Option: Friday 6. Option: Saturday 7. Option: Sunday	All Selected	**InP & MaP**
12 06	**Auto Disarm Time**	HH: MM **HH:** Hour, **MM:** Minute	00:00	**InP & MaP**
12 07	**Inactivity Arm Partitions**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D Auto Arming is Disabled if All Options are Off	Disable	**InP**
12 08	**Inactivity Arm Delay**	5~255 Minutes	30 Minutes	**InP**
13 – PGM SETTINGS				
13 01	**Use PGM As…**	0: Manually 1: Zone Output 2: Partition Output 3: ARM Status 4: Fire Siren 5: Fire Sensor Power 6: Siren 7: Trouble Output 8: Access Control 9: Timer Output 10: Random 11: ARM Indicator 12: Disarm Indicator 13: Toggle RC Button 14: Alarm Type	0	**InP**
13 02	**PGM Settings**	0~255 Minute	0	**InP**

14 – TIMER SETTINGS				
14 01	**Timer 1 Settings**	1. Option: Use PGM Timer YES/NO 2. Option: PGM Active / Passive	-	**InP & MaP**
14 02	**Timer 1 Days**	1. Option: Monday 2. Option: Tuesday 3. Option: Wednesday 4. Option: Thursday 5. Option: Friday 6. Option: Saturday 7. Option: Sunday	All Selected	**InP & MaP**
14 03	**Timer 1 Time**	HH: MM **HH:** Hour, **MM:** Minute	00:00	**InP & MaP**
14 04	**Timer 2 Settings**	1. Option: Use PGM Timer YES/NO 2. Option: PGM Active / Passive	-	**InP & MaP**
14 05	**Timer 2 Days**	1. Option: Monday 2. Option: Tuesday 3. Option: Wednesday 4. Option: Thursday 5. Option: Friday 6. Option: Saturday 7. Option: Sunday	All Selected	**InP & MaP**
14 06	**Timer 2 Time**	HH: MM **HH:** Hour, **MM:** Minute	00:00	**InP & MaP**
15 – REMOTE ACCESS				
15 01	**Remote Control Settings**	1. Option: Remote Access by Phone ON/OFF 2. Option: Cloud Communication ON/OFF	OFF OFF	**InP**
15 02	**Ring Count**	1~20 Times	5 Times	**InP**
16 – PANEL INFO				
16 01	**Panel Type**	Only Read	TSP-5xxx	**InP**
16 02	**Software Version**	Only Read	0	**InP**
16 03	**Hardware Version**	Only Read	0	**InP**
2 – ZONE SETTINGS				
20 – CONNECTION TYPE				
20 01 **20 02** **20 03** **20 04** **20 05** **20 06** **20 07** **20 08**	**Z1** **Z2** **Z3** **Z4** **Z5** **Z6** **Z7** **Z8** **01-Keypad Zone 29** **02-Keypad Zone 30** **03-Keypad Zone 31** **04-Keypad Zone 32**	1. Opt.: NC/NO 2. Opt.: Singl EOL, Double Zone On/Off* 3. Opt.: Double EOL, Double Zone On/Off* 4. Opt.: Zone Use In Use/Not In Use * 2 and 3 should be Off in Resistance-Free Connection. * 2 and 3 should be On in Double Zone Connection. * Z9...Z(nx2) No Zone Activation Required. * Double Zone is Not Available with Additional Zone Card. Keypad Zone settings can only be done via LCD Keypad. When the Keypad Zone is activated, the zone numbers according to the Keypad address are assigned as follows; Keypad 1: Zone 29 Keypad 2: Zone 30 Keypad 3: Zone 31 Keypad 4: Zone 32	1 – 4 1	**InP**
21 – PARTITION				
21 01 **21 02** **21 03** **21 04** **21 05** **21 06** **21 07** **21 08**	**Z1** **Z2** **Z3** **Z4** **Z5** **Z6** **Z7** **Z8** **01-Keypad Zone 29** **02-Keypad Zone 30** **03-Keypad Zone 31** **04-Keypad Zone 32**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D	A	**InP**

22 – ZONE TYPE				
22 01 **22 02** **22 03** **22 04** **22 05** **22 06** **22 07** **22 08**	**Z1** **Z2** **Z3** **Z4** **Z5** **Z6** **Z7** **Z8** **01-Keypad Zone 29** **02-Keypad Zone 30** **03-Keypad Zone 31** **04-Keypad Zone 32**	1: Door 2: Window 3: Interior 4: Exterior 5: 24 Hour 6: Fire 7: Panic Button 8: Duress 9: Tamper 10: Medical 11: Custom 12: Keyswitch	Z1: 1 Z2: 3 Z3: 3 Z4: 3 Z5: 3 Z6: 3 Z7: 3 Z8: 3 KZ1: 3 KZ2: 3 KZ3: 3 KZ4: 3	**InP**
23 – EXTRA SETTINGS				
23 01 **23 02** **23 03** **23 04** **23 05** **23 06** **23 07** **23 08**	**Z1** **Z2** **Z3** **Z4** **Z5** **Z6** **Z7** **Z8** **01-Keypad Zone 29** **02-Keypad Zone 30** **03-Keypad Zone 31** **04-Keypad Zone 32**	1. Option: Last Door Zone Evet/Hayır 2. Option: Follower Zone Evet/Hayır 3. Option: Entry-Exit Zone Evet/Hayır 4. Option: Silent Zone Evet/Hayır 5. Option: Manual Bypass Evet/Hayır 6. Option: Include Home Arming Evet/Hayır 7. Option: Cross Zone Evet/Hayır	Z1: 3 Z2: 2 Z3: - Z4: - Z5: - Z6: - Z7: - Z8: - KZ1: - KZ2: - KZ3: - KZ4: -	**InP**
24 – RESPONSE TIME				
24 01 **24 02** **24 03** **24 04** **24 05** **24 06** **24 07** **24 08**	**Z1** **Z2** **Z3** **Z4** **Z5** **Z6** **Z7** **Z8** **01-Keypad Zone 29** **02-Keypad Zone 30** **03-Keypad Zone 31** **04-Keypad Zone 32**	2~255 Calculated in multiples of 30 milliseconds Response Time: Value x 30ms	15 (450ms)	**InP**
25 – ZONE NAMES – <u>(ONLE LCD KEYPAD)</u>				
	Z1 **Z2** **Z3** **Z4** **Z5** **Z6** **Z7** **Z8** **Z9 – Z16** **01-Keypad Zone 29** **02-Keypad Zone 30** **03-Keypad Zone 31** **04-Keypad Zone 32**	Numeric Input. Right Left Arrow Keys Scroll. Press **"0"** key twice for deleting letters.	Door 2. Zone 3. Zone 4. Zone 5. Zone 6. Zone 7. Zone 8. Zone 9.- 16. Zone 29. Zone 30. Zone 31. Zone 32. Zone	**InP**
3 – KEYPAD SETTINGS				
30 – KEYPAD OPTIONS				
30 01 **30 02** **30 03** **30 04**	**1. Keypad** **2. Keypad** **3. Keypad** **4. Keypad**	1. Option: Use Keypad Açık/Kapalı 2. Option: Quick Arm Açık/Kapalı 3. Option: Arm Permission Açık/Kapalı 4. Option: Disarm Permission Açık/Kapalı 5. Option: Programming Açık/Kapalı 6. Option: Access Control Açık/Kapalı 7. Option: Keypad Tamper Açık/Kapalı	1.Keypad 1-2-3-4-5 Others 2-3-4	**InP**

31 – KEYPAD PARTITIONS				
31 01 **31 02** **31 03** **31 04**	**1. Keypad** **2. Keypad** **3. Keypad** **4. Keypad**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D	A- B- C- D	**InP**
32 – KEYPAD CUSTOMIZE				
32 01 **32 02** **32 03** **32 04** **32 05** **32 06** **32 07** **32 08** **32 09** **32 10** **32 11** **32 12** **32 13** **32 15** **32 16**	**Chime when zone Active 1-8** **Chime when zone Active 9-16** **Chime when zone Active 17-24** **Chime when zone Active 25-32** **Chime when zone Passive 1-8** **Chime when zone Passive 9-16** **Chime when zone Passive 17-24** **Chime when zone Passive 25-32** **Light - Zone 1-8** **Light - Zone 9-16** **Emergancy Buttons** **Sound Option** **Language (Only LCD)** **Logo Line 1 (Only LCD)** **Logo Line 2 (Only LCD)**	**Choose the Zones to Chime When Zone Active** **Choose the Zones to Chime When Zone Passive** **Emergency Buttons** 1. Option: Panic 2. Option: Fire 3. Option: Medical 4. Option: Keypad Tamper **Sound Options** 1. Option: Entry/Exit 2. Option: Armed 3. Option: Alarm 4. Option: Fault 5. Option: Key Tone 6. Option: Operate **Language** Turkish - English (Only LCD Keypad) **Logo Line 1. and 2.** Company Information (Only LCD Keypad)	All Zones Are ON All Zones Are ON ON ON ON ON ON ON ON ON ON ON Turkish	**InP & MaP**
4 – USER SETTINGS				
40 – START TIME				
40 01 **40 02** **40 03** **40 04** **40 05** **40 06** **40 07** **40 08** **40 09** **40 10**	**1. User** **2. User** **3. User** **4. User** **5. User** **6. User** **7. User** **8. User** **9. User** **10. User**	HH: MM **HH:** Hour, **MM:** Minute	00:00	**MaP**
41 – FINISH TIME				
41 01 **41 02** **41 03** **41 04** **41 05** **41 06** **41 07** **41 08** **41 09** **41 10**	**1. User** **2. User** **3. User** **4. User** **5. User** **6. User** **7. User** **8. User** **9. User** **10. User**	HH: MM **HH:** Hour, **MM:** Minute	23:59	**MaP**
42 – USER DAYS				
42 01 **42 02** **42 03** **42 04** **42 05** **42 06** **42 07** **42 08** **42 09** **42 10**	**1. User** **2. User** **3. User** **4. User** **5. User** **6. User** **7. User** **8. User** **9. User** **10. User**	1. Option: Monday 2. Option: Tuesday 3. Option: Wednesday 4. Option: Thursday 5. Option: Friday 6. Option: Saturday 7. Option: Sunday	All Days are Selected	**MaP**

43 – USER PARTITIONS				
43 01 **43 02** **43 03** **43 04** **43 05** **43 06** **43 07** **43 08** **43 09** **43 10**	**1. User** **2. User** **3. User** **4. User** **5. User** **6. User** **7. User** **8. User** **9. User** **10. User**	1. Option: Partition A 2. Option: Partition B 3. Option: Partition C 4. Option: Partition D	A- B- C- D	**MaP**
44 – USER KEYPADS				
44 01 **44 02** **44 03** **44 04** **44 05** **44 06** **44 07** **44 08** **44 09** **44 10**	**1. User** **2. User** **3. User** **4. User** **5. User** **6. User** **7. User** **8. User** **9. User** **10. User**	1. Option: 1. Keypad 2. Option: 1. Keypad 3. Option: 1. Keypad 4. Option: 1. Keypad	1- 2- 3- 4	**MaP**
45 – USER LIMITATIONS				
45 01 **45 02** **45 03** **45 04** **45 05** **45 06** **45 07** **45 08** **45 09** **45 10**	**1. User** **2. User** **3. User** **4. User** **5. User** **6. User** **7. User** **8. User** **9. User** **10. User**	1. Option: Arm Limit Yes/No 2. Option: Disarm Limit Yes/No 3. Option: One Time Code Yes/No 4. Option: One Day Code Yes/No 5. Option: Bypass Limitation Yes/No 3 and 4 are valid only for the guest user.	- - - - - - - - - 4	**MaP**
5 – COMMUNICATOR				
50 – GENERAL OPTIONS				
50 01	**General Settings**	1. Option: CMS Call Yes/No* 2. Option: User Call Yes/No ** 3. Option: SMS Yes/No 4. Option: Call Cancel When Disarm Yes/No 5. Option: Siren Warning When No Line Yes/No 6. Option: Confirmation from Phone Yes/No 7. End Calls on First Confirmation Yes/No 8. Silence Alarm on Confirmation Yes/No (*) CMS Call Automatically Opens When Any Phone Number Is Entered. (**) User Call Opens Automatically When Any Phone Number Is Entere.	4	**InP**
50 02	**Dial Attempts**	1~15 Times	3	**InP**
50 04	**Test Interval**	1~48 Hour	24	**InP**
50 05	**First Test At**	HH: MM **HH:** Hour, **MM:** Minute	00:00	**InP**
50 06	**Inter Call Delay**	1~30 Secon	3	**InP**
50 07 **50 08**	**CMS 1 Format** **CMS 2 Format**	0: Contact ID 1: SIA	0	**InP**
50 09 **50 10** **50 11** **50 12**	**Partition A CMS** **Partition B CMS** **Partition C CMS** **Partition D CMS**	1. Option: Send Report to CMS 1 2. Option: Send Report to CMS 2	1	**InP**
50 13 **50 14** **50 15** **50 16**	**Partition A Calls** **Partition B Calls** **Partition C Calls** **Partition D Calls**	1. Option: 1. User Phone 2. Option: 2. User Phone 3. Option: 3. User Phone 4. Option: 4. User Phone 5. Option: 5. User Phone 6. Option: 6. User Phone	All Selected	**InP**

50 17 **50 18** **50 19** **50 20**	**Partition A SMS** **Partition B SMS** **Partition C SMS** **Partition D SMS**	1. Option: 1. User Phone 2. Option: 2. User Phone 3. Option: 3. User Phone 4. Option: 4. User Phone 5. Option: 5. User Phone 6. Option: 6. User Phone	All Selected	**InP**
51 – REPORT MASKS				
51 01 **51 02** **51 03** **51 04** **51 05** **51 06** **51 07** **51 08** **51 09** **51 10** **51 11** **51 12** **51 13** **51 14** **51 15** **51 16** **51 17** **51 18** **51 19** **51 20** **51 21** **51 22** **51 23** **51 24** **51 25** **51 26** **51 27** **51 28** **51 29** **51 30** **51 31** **51 32**	**1. Intruder Alarm** **2. Panic Alarm** **3. Fire Alarm** **4. Duress Alarm** **5. Tamper Alarm** **6. Medical Alarm** **7. Duress Disarm** **8. Cancel Alarm** **9. Zone Trouble** **10. Mains Failed** **11. Intruder Verify** **12. Cross Fault** **13. Low Battery** **14. Line Fail** **15. Battery Fail** **16. Com Fail** **17. Special Arm/Disarm** **18. Alarm Arm/Disarm** **19. Bypassed** **20. Prog. Begin** **21. Prog. End** **22. Periodic Report** **23. Panel Restart** **24. Manual Test** **25. Disarm By Phone** **26. Disarm By PC** **27. Remote Connection** **28. Line Intervention** **29. PGM Opened** **30. Custom Event** **31. 24 Hour Alarm** **32. Factory Default**	1. Option: AHM 'ne Bildir 2. Option: Telefona Bildir 3. Option: AHM 'ne Düzeldi Bildir 4. Option: Telefona Düzeldi Bildir 5. Option: SMS ile Bildir. 6. Option: SMS ile Düzeldi Bildir. (1) Communication Error Display in Event Memory Only. (2) Events Between 33~64 (Restores) Only Display in Event Memory if Configured.	1-2-3-5-6 1-2-3-5-6 1-2-3-5-6 1-2-3-5-6 1-2-3-5-6 1-2-3-5-6 1-2-3-5-6 1-2-3-5-6 1-3-5-6	**InP**
6 – MODULES				
60 – ADD REMOTE MODULE				
60 01	**ADD Remote**	1- Enter User Code 2- Press 4 Buttons Same Time 3- Press 4 Buttons Same Time Again	-	**MaP**
61 – ERASE REMOTE MODULE				
61 01 **61 02** **61 03** **61 04** **61 05** **61 06** **61 07** **61 08** **61 09** **61 10** **61 11**	**User 1 Remote Erase** **User 2 Remote Erase** **User 3 Remote Erase** **User 4 Remote Erase** **User 5 Remote Erase** **User 6 Remote Erase** **User 7 Remote Erase** **User 8 Remote Erase** **User 9 Remote Erase** **User 10 Remote Erase** **Master Remote Erase**	Choose "Unavailable" to Erase Remote Keyfon by Arrow Keys.	-	**MaP**

9. RETURN TO FACTORY SETTINGS

All user codes and panel configuration settings can be reset to factory settings. These operations can be selected in two types, such as resetting passwords to factory settings and resetting panel settings to factory settings.

The reset process consists of two steps. Reset Permission and Reset Process.

Reset Permission: You can choose which reset types can be process. Reset Permission can be selected only in "Installer Menu" which you can enter with "Installer Code". You can only perform the reset types which selected in this section.

Reset Process: Reset is performed by selecting the related option. The following table shows reset types.

Option	1.	2.
Feature	**Reset Password**	**Reset Configuration Settings**
LED ON	Yes	Yes
LED OFF	No	No

9.1 RETURN CODES TO FACTORY SETTINGS

First, "Reset Codes" option must be selected in the Installer Menu. If this permission is not turned on, reset cannot be performed.

To enable the Reset Codes permission;

- [Fx] [4] → [Installer Code **XXXX**]

- **LED Keypad;**
  [10] [04]→[Press **1** to give permission to Reset Codes]→[√ OK]

- **LCD Keypad;**
  [Panel Settings √ OK]→[General Settings √ OK]→[Reset Permission - Press **1** for Reset Codes Permission]→[√ OK]

To Reset all the Codes to Factory Settings;

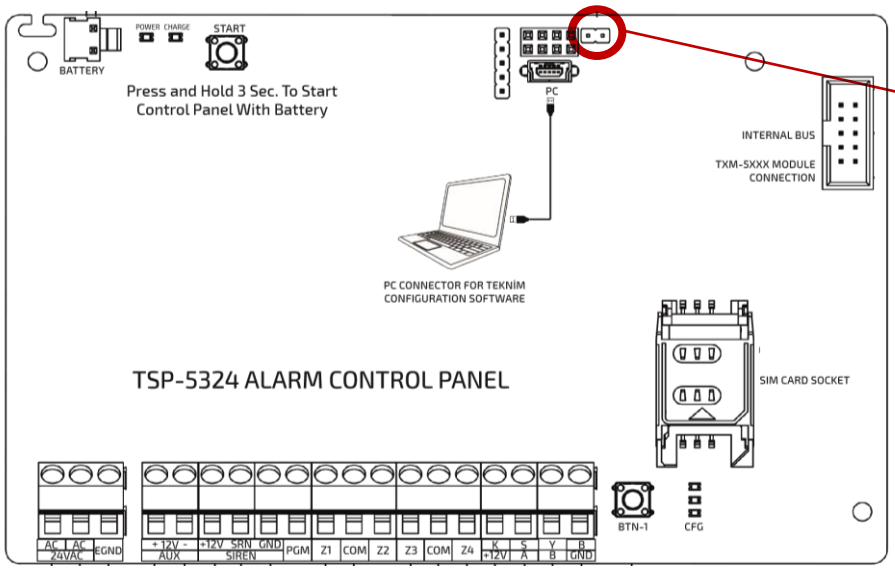
- **LED Keypad;**
  [10] [03] → [Press **1** to reset all codes] → [√ Tamam]

- **LCD Keypad;**
  [Panel Settings √ OK]→[General Settings √ OK]→[Def. Set. Req. Press **1** to Reset all codes]→[√ OK]

9.2 RESETTING PANEL SETTINGS TO FACTORY SETTINGS

First, "Reset Panel Settings" option must be selected in the Installer Menu. If this permission is not turned on, reset cannot be performed.

Before resetting the panel settings, "Reset Jumper" on the panel board must be short-circuited. See **Figure 22**.



Important: The RST jumper connection on the panel must be short-circuited to restore the Panel Settings to the Factory Settings.

Figure 21: Reset Jumper

To enable Panel Reset permission;

- [Fx] [4]→[Installer Code **XXXX**]

- **LED Keypad;**
  [10] [04]→[Press **2** to give permission to Reset Panel Settings]→[√ OK]

- **LCD Keypad;**
  [Panel Settings √ OK]→[General Settings √ OK]→[Reset Permission - Press **2** for Reset Panel Settings Permission]→[√ OK]

Şifreleri Fabrika Ayarlarına Döndürmek İçin;

- **LED Keypad;**
  [10] [03] → [Press **2** to reset all Panel Settings] → [√ OK]

- **LCD Keypad;**
  [Panel Settings √ OK]→[General Settings √ OK]→[Def. Set. Req. Press **2** to Reset all Panel Settings]→[√ OK]

10. TESTS

This is where you can test some system settings.

Press [Fx] and [8] key to enter test menu and enter your 4-digit code.

PS: You should enter Installer Code or Master code to enter Test menu. Other user codes will not work to enter this menu.

10.1 CMS CALL TEST

To test Central Monitoring Station reports proceed following process.

- **LED Keypad;**
  [Fx] [8] → [Code **XXXX**] → [1] [1] → [√ OK] **(1. CMS Test)**
  [Fx] [8] → [Code **XXXX**] → [1] [2] → [√ OK] **(2. CMS Test)**

- **LCD Keypad;**
  [Fx] [8] → [Code **XXXX**] → [1-CMS Test Call]→[√ OK]→[1] **(1. CMS Test)**
  [Fx] [8] → [Code **XXXX**] → [2-CMS Test Call]→[√ OK]→[1] **(2. CMS Test)**

To exit test menu press **[X]** key.

10.2 USER CALL TEST

To test user calls proceed following process.

- **LED Keypad;**
  [Fx] [8] → [Code **XXXX**] → [2] [1] → [√ OK] **(1. User Call Test)**
  [Fx] [8] → [Code **XXXX**] → [2] [2] → [√ OK] **(2. User Call Test)**

- **LCD Keypad;**
  [Fx] [8] → [Code **XXXX**] → [2- Prvt. Test Call]→[√ OK]→[1] **(1. User Call Test)**
  [Fx] [8] → [Code **XXXX**] → [2- Prvt. Test Call]→[√ OK]→[2] **(2. User Call Test)**

To exit test menu press **[X]** key.

10.3 SİREN TESTİ

To test siren, proceed following process.

- **LED Keypad;**
  [Fx] [8] → [Code **XXXX**] → [3] [1] → [√ OK] **(1. Siren Test)**
  [Fx] [8] → [Code **XXXX**] → [3] [2] → [√ OK]**(2. Siren Test)**

- **LCD Keypad;**
  [Fx] [8] → [Code **XXXX**] → [3- Siren Test]→[√ OK]→[1] **(1. Siren Test)**
  [Fx] [8] → [Code **XXXX**] → [3- Siren Test]→[√ OK]→[2] **(2. Siren Test)**

To exit test menu press **[X]** key.

10.4 PGM TEST

To test PGM, proceed following process.

- **LED Keypad;**
  [Fx] [8] → [Code **XXXX**] → [4] [1] → [√ OK] **(PGM Test)**

- **LCD Keypad;**
  [Fx] [8] → [Code **XXXX**] → [4- PGM Test]→[√ OK]→[1] **(PGM Test)**

To exit test menu press **[X]** key.

10.5 PGM CONTROL

For PGM Control proceed following precess.

- **LED Keypad;**
  [Fx] [8] → [Code **XXXX**] → [5] [1] → [√ OK] **(PGM Control)**

- **LCD Keypad;**
  [Fx] [8] → [Code **XXXX**] → [5- PGM Control]→[√ OK]→[1] **(PGM Control)**

To exit test menu press **[X]** key.

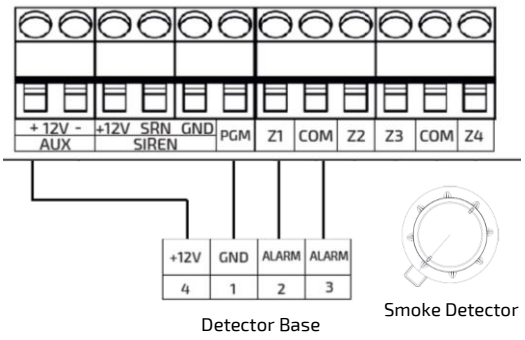
11. APPLICATION

Basic information about operating the system according to various scenarios and applications and how to program them according to these scenarios will be explained under this title.

11.1 FIRE DETECTOR CONNECTION WITH PGM OUTPUT

It is possible to take precautions against fire risks by connecting smoke detector to alarm panel. Fire detectors trigger the alarm system when they detect smoke or heat in the environment and turn on the red LED warning lights to give a visual warning on the detector.

When the detector detects it needs to be reset and returned to normal. This is achieved by cut the power of the detector and received back. To prevent this from being physically accessed and removed from the base, the detector supply can be supplied via the PGM output. In this way, when a fire alarm occurs in the system and user code is entered to cancel alarm, the detector's supply can be interrupted for a certain time and the detector can be reset. For this type of operation, both the connection method and programming should be done as follows:



When the + 12V input of the smoke detector is connected to the AUX output, the -12V input must be connected to the PGM output. When the PGM output is programmed as "Fire Detector", the PGM output gives -12V. The time of the PGM output will interrupt the feed is set in the PGM Parameter section.

Figure 22: PGM Connection for Smoke Detector

To set PGM Type as Fire Detector;

- **LED Keypad;**

[13] [01] → [**5**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[PGM Settings √ OK]→[Use PGM as "**Fire Sensor**"]→[√ OK]

PGM Reset Time;

- **LED Keypad;**

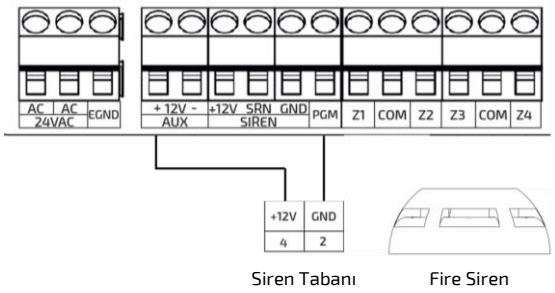
[13] [02] → [**X second**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[PGM Settings √ OK]→[PGM Setting **X Second**]→[√ OK]

11.2 FIRE SIREN CONNECTION WITH PGM OUTPUT

The alarm system is programmed to notify any alarm conditions with an external siren. If a fire alarm occurs in the system, a different type of siren can be used to isolate the fire alarm from the burglar alarm and this siren can only sound in case of a fire alarm.



The fire siren is connected to the PGM output as shown and "Fire Siren" option is selected as PGM type from the program.

If the PGM type is set to "Fire Siren", a parameter setting is not required. This output is active as long as the system gives a fire alarm.

Figure 23: PGM Connection for Fire Siren

To set PGM Type as Fire Siren;

- **LED Keypad;**

[13] [01] → [4] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[PGM Settings √ OK]→[Use PGM as "**Fire Siren**"]→[√ OK]→[√ Tamam]

11.3 PARTITION

Pars series alarm panels can be used by creating a total of four (4) different partitions. Zones for each partition can be specified and alarm notifications from each partition can be forwarded to the related persons. In addition, four different keypads can be selected for four different partition and users can be restricted in the corresponding partition.

In this way, for example; in a company with office, production, warehouse and finance departments, the user can use the system according to which department has the authority arm and disarm. In addition, different keypads can be installed in these partitions to arm and disarm in independent time periods and alarm notifications from the related partitions can be directed to authorized persons in those partitions.

First of all, it is necessary to assign the zones to the relevant partitions in order to define the partition. If no zone is assigned, all zones are defined in partition A and the system is used with a single partition.

To assigned the zones to a related partition see the section 7.5 Zone Settings - 7.5.2 Partition

Separate Entry-Exit time can be defined in each Partitions. In this way, different partitions can be arm-disarm at different times.

To set different Entry-Exit times for partitions see the section 7.3 Basic Settings 7.3.2 Exit Delays and 7.3.3 Exit Delays.

If more than one Keypad is to be used, settings should be made on which Keypad is authorized for which partition. In this way, any partition with an unauthorized keypad can be prevented from performing arming and disarming.

PS: A Keypad can be authorized for a single partition or can be authorized for multiple partitions.

To assigned Keypads to Partitions see the section 7.6 Keypad Settings 7.6.2 Keypad Partitions.

By specifying which users are authorized in which partitions, specific users can be arm and disarm the partitions their assigned only. This will prevent the unauthorized user from arm and disarm the relevant partition.

To assigned users to partitions see the section 7.7 User Settings - 7.7.4 User Partitions.

For each partitions, AHM reports, user phone calls and SMS notifications can be forwarded to different user numbers. In this way, users can receive alarm notifications only from the departments they are authorized.

To set notifications according to partitions see the section 7.8 Communicator Settings - 7.8.1 General Settings.

11.4 HAREKETSİZLİKTE OTOMATİK ALARM KURMA

Sistemin kurulu olduğu mahalde, belirli bir süre boyunca herhangi bir hareket algılanmaz ise sistemin otomatik olarak kurulması sağlanabilir. Bu sayede yüksek güvenlik gerektiren yerler için alarm sisteminin kurulmasının unutulmuş olması gibi durumlarda sistem belirlenen bir süre içeride herhangi bir hareket algılamaz ise sistemi otomatik olarak kurar.

Hangi bölümlerin hareketsizlik durumunda otomatik kurulacağı aşağıdaki gibi seçilir.

- **LED Keypad;**

[12] [07] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Inactivity Arm **A-B-C-D**]→[√ OK]

How many minutes of inactivity occurs within the section is selected as follows. The value can be set between 5 - 255 minutes.

- **LED Keypad;**

[12] [08] → [**1-2-3-4**] → [√ OK]

- **LCD Keypad;**

[Panel Settings √ OK]→[Auto Arm/Disarm √ OK]→[Inact. Arm Delay **MM**]→ [√ OK]

11.5 ARM / DISARM WITH CALENDER

The system can be programmed to automatically arm and disarm on specified days and times..

You can set auto arm and disarm times for each partitions separately. To do this see the section; **7.4 Panel Settings 7.4.3 Auto Arm/Disarm**.

11.6 HOME – AWAY ARMING

The alarm system can arm in two different modes. One of them is “Home Arming” and the other is “Away Arming”.

When the system armed with Home Arming, the detectors which set as “Include Home Arming” will be disabled automatically. For example, if you want to arm the system in the house at night, the motion sensors in the space must be switched off in order to move freely inside. To do this, “Include Home Arming” feature must be defined to these zones.

This zones will not trigger any alarm when the system is armed as Home Arming. For this reason, it is important to have window and door magnetic contacts in the systems where this feature will be used.

To assigned to a zone “Include Home Arming” feature;

- **LED Keypad;**

Zone 1 - [23] [01] → [**6**] → [√ OK]

- **LCD Keypad;**

[Zone Settings √ OK]→[Extra Settings √ OK]→[1- Zone Settings “Enable **6”**]→[√ OK]

Include Home Arming feature can be defined for each zone as shown above.

PS: *For Home Arming, use the shortcut key on the keypad. The disarming process for Home Arming is the same as the standard disarming process.*

Home

Away Arming basically has the same function as the whole system arming. You can use the shortcut key to arm whole system (Away Arming) as well.

Away

12. REPORTS

Information about the current status of the alarm system can be found in this section. Trouble can also be displayed in this menu. Following reports can be seen in this menu;

Armed Zones: Information about which zones are currently armed in the system.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **1**]
Indicates the armed zones on the Keypad.

- **LCD Keypad;**

[Fx] [6] → [Master Code] → [**1-Armed Zones**]→ [√ OK]
Indicates the armed zones on the Keypad.

Last Alarm Zone: Information about the last zone which triggered alarm in the system.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **2**]
Indicates the last alarmed zones on the Keypad.

- **LCD Keypad;**

[Fx] [6] → [Master Code] → [**2-Last Alarm**]→ [√ OK]
Indicates the last alarmed zones on the Keypad.

PGM Status: Information about which PGM is active currently.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **3**]
Indicates the PGM Status on the Keypad.

- **LCD Keypad;**

[Fx] [6] → [Master Code] → [**3-PGM Status**]→ [√ OK]
Indicates the PGM Status on the Keypad.

Keypad Address: Information about the related Keypad Address.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **4**]
Indicates the Keypad Address on the Keypad.

- **LCD Keypad;**

[Fx] [6] → [Master Code] → [**4-Keypad Address**]→ [√ OK]
Indicates the Keypad Address on the Keypad.

Bypassed Zones: Information about the zones which bypassed.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **5**]
Indicates the bypassed zone(s) on the Keypad.

- **LCD Keypad;**

[Fx] [6] → [Master Code] → [**5-Bypassed Zones**]→ [√ OK]
Indicates the bypassed zone(s) on the Keypad.

Troubles: Information about the current Troubles in the system.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **6**]
Indicates the Troubles on the Keypad one by one. You can find the Trouble codes below.

- **LCD Keypad;**

[Fx] [6] → [Master Code] → [**6-Troubles**]→ [√ OK]
Indicates the Troubles on the Keypad one by one.

LED Trouble codes and related LED information are indicated on the keypad as follows;

0-1	Power Failure	1-0	Keypad Connection Fault
0-2	Low Battery	1-1	GSM/GPRS Module Fault
0-3	Wrong Time and Date	1-2	PSTN Module Fault
0-4	No PSTN Line	1-3	Ethernet Modul Fault
0-5	Zone Fault	1-4	SIM Card Fault
0-6	Battery Fault	1-5	GSM Communication Fault
0-7	Tamper	1-6	GPRS Communication Fault

PS 1: *LED Keypad displays fault messages by illuminating zone numbers in sequence. For example, if the PSTN Module Error occurred in the system, when entering the Reports - Troubles section, the LED Keypad will display as follows;*

[1] [2] will light up and then all LEDs will light up.

PS 2: *If more than one fault is present, the LED Keypad displays all faults in sequence. All LEDs flash simultaneously between each fault indication. For example, if both PSTN Module Error and SIM Card Error are present in the system, when you enter the Reports - Troubles section, the LED Keypad will display as follows;*

[1] [2] will light up and then all LEDs will light up. Then [1] [4] will light up and then all LEDs will light up.

GSM Signal: GSM signal level can be displayed on panels with GSM sim card. GSM signal shown as percent "%" . Access to GSM signal level information is as follows and the value shown here can be interpreted according to the following information.

- **LED Keypad;**

[Fx] [6] → [Master Code] → [Press **7**]
Signal Level according to LED indicates;
1: Signal Level Between %1 - %12,5
1-2: Signal Level Between %12,5- %25
1-2-3: Signal Level Between %25 - %37,5
1-2-3-4: Signal Level Between %37,5 - %50
1-2-3-4-5: Signal Level Between %50 - %62,5
1-2-3-4-5-6: Signal Level Between %62,5 - %75
1-2-3-4-5-6-7: Signal Level Between %75 - %87,5
1-2-3-4-5-6-7-8: Signal Level Between %87,5 - %100

• **LCD Keypad;**
[Fx] [6] → [Master Code] → [**7-GSM Signal Level**]→ [√ OK]
GSM Signal Level indicates as Percent.

GSM signal level percentages can be interpreted according to the following table.

GSM Signal Level	Status
%0	No GSM Signal
%1-%20	GSM Signal is Weak
%20 - %70	GSM Signal is OK
%70 - %100	GSM Signal is Very Good

!!! Important !!!
If the GSM Signal is below 20%, the system's call, SMS sending, and GPRS connections may be unstable. In this case, a longer antenna may be need to installed in the GSM module or the alarm panel may need to be installed in a more suitable location.

13. KEYPAD USAGE

This section describes the Keypad used for all functions of the alarm system and for panel programming.

Teknim Pars serisies alarm systems supports totally 4 keypad connection. Information on how to make the keypad connections can be found in section **6.5 Keypad Connection**.

TSK-5718 LED KEYPAD

Figure 24: TSK-5718 LED Keypad

TSK-5710 LCD KEYPAD

Figure 25: TSK-5710 LCD Keypad

13.1 STATUS LED INDICATORS

Status LEDs provide information about the current status of the system. The explanations of the status LED indicators are as follows;

Power: Indicates whether the Alarm Panel has power. If it is steady, it means there is main power, if it is not, it means no main power.

Program: Indicator for entering alarm panel programming menu.

Bypass: Indicates that the system has a temporarily canceled zone(s).

Memory: Informs the system that an error or alarm condition has occurred and that the memory needs to be checked.

Ready: Indicates that all zones are closed and the alarm system is ready to be installed.

Armed: Indicates that the system is armed.

Trouble: Indicates that the system has an error condition. What is the error can be seen in the corresponding menu.

Fire: Indicates system has fire alarm warning.

13.2 FUNCTION KEYS

 Away	**Away Arming:** This key is used to arm the whole system with a shortcut without entering a user code. Press and hold this key for 1sec to arm quickly.
 Home	**Home Arming:** This key is used to arm inside in the house to cancel predefined detectors. Press and hold this key for 1sec to home arming.
 Function	**Function:** Used to run secondary tasks on numeric keys. For example, to enter the Installer Program, you must press the number 4 after the FX key.
 Bypass	**Bypass:** Used to temporarily cancel any zone(s).

Figure 28: Function Keys

13.3 PARTITIONS AND ARROW KEYS

Figure 29: Partition and Arrow Keys

Use as Partition Keys: Alarm system can be divided into 4 different partitions and each part can be arm and disarm separately. When this type of partitioning is done, you can arm each partition with "Partition Shortcut" buttons. You can press and hold the shortcut key of the partition you want to arm (A, B, C, D) until you hear a beep, or you can select multiple partition keys and end the process by entering user code for arming or disarming.

Use as Direction Keys: You can use these keys in the form of directional keys when the alarm panel is in programming mode or when navigating through any menu.

13.4 KEYPAD

Figure 30: Keypad

Numeric Keys: Keys used to enter values in all keypad operations. Each key has a secondary function. Also, when typing zone names on LCD Keypad, defined letter groups are used on these keys.

Secondary Functions: Press and hold the key until the beep sounds to operate the secondary functions defined on the keys.

1: Panic Alarm - **2:** Fire Alarm - **3:** Medical Alarm - **4:** Enter Programming
5: Bypass - **6:** Report Menu - **7:** Chime - **8:** Test - **9:** Memory - **0:** Reset

Confirmation key # Code to confirm an operation for any menu or exit * Exit key to discard and exit an operation.

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13.5 KEYPAD NOTIFICATIONS

13.5.1 KEYPAD SOUND NOTIFICATIONS

When you enter any value into your system via the keypad, you will hear a beep, which means confirmation or rejection.

Confirmation Sound: When any information is successfully entered or the system switches to a new mode, the keypad emits two short "beeps", which means confirmation.

Rejection Sound: The keypad emits a long "beep" meaning rejection when incorrect information is entered or the system switches to the previous mode.

13.5.2 KEYPAD LED NOTIFICATIONS

LED and LCD keypads have status notification lights to indicate the current status of the system. What these notification lights mean is explained in section **13.1 Status LED Indicators**.

LCD Keypad can also display all information about the system in writing.

14. FAQs

FAQs		
	Question	**Solution**
KEYPAD	**On TSK-5718 Keypad, 1-2-3-4-5-6-7-8 and Trouble lights blink simultaneously.**	Check keypad connection and keypad address. The total length of the keypad cable should not exceed 100 meters. If you have connected more than one keypad to the system, enter the Installer program from the number Keypad number 1. Check the 2nd, 3rd and 4th keypad addresses. In program at the 3002, 3003, 3004 address, option 1 must be active. In this case, 2nd, 3rd and 4th keypads will work.
	I get "Connecting" Fault on Keypad.	**1:** Make sure the keypad is properly connected. **2:** Make sure that the keypad address is given and that there are no other keypads on the same line with same address. **3:** Make sure the USB cable is not connected to the panel. **4:** Make sure that the USB-PC connector is not connected.
	How many keypad zones can I use on the alarm panel?	There is 1 zone for each keypad. Keypad zones can be used up to the number of keypads connected to the system. Max. 4 keypad zones can be used. In order to activate the keypad zone, the alarm terminals of the detector must be connected to the mag and gnd terminals on the keypad and the power must be supplied from Aux.
	Zone names do not appear on other keypads.	Zone information is stored on the keypad and must be set for each keypad. You cannot view from other keypads or PC.
	Why the keypad zone does not work.	Keypad zones are closed as a factory default. You must activate them first.
	How many keypads can I use in an alarm panel?	You can use 4 keypads. LCD or LED keypad does not matter, the last keypade termination jumper must be installed and the cable length of keypads should not exceed 100 mt.
COMMUNICATOR	**User Calls and SMS does not work when I change the Sim card on the GSM-GPRS module.**	When you replace the sim card, press and hold the button on the module for 3s.
	I bought the TSP-5208P alarm panel but I want to switch to GSM module what should I do?	You can use TXM-5272 to use GSM line in the system.
	Although there is no SIM card in the GSM-GPRS module, the signal strength is visible.	If the GSM module does not have a simcard, it switches to emergency mode, connects to the nearest base station and accesses the signal level.

COMMUNICATOR	**User calls doesn not work.**	After entering the Installation Program, enter the phone numbers at 06 01 ~ 06. Make sure option 2 is selected at address 50 01. When you set 3 at address 50 02, the number of attempts will be set to 3.
	Reports cannot send Central Monitoring Station.	After entering the Installation Program, enter the account number at 04 01 for first CMS Set CMS numbers at 05 01 and 05 03 for CMS 2 Make sure option 1 is selected at address 50 01.
	I can't remotely arm the control panel by phone.	After entering the Installation Program, enable option 1 at 15 01. Set the ring count at 15 02. When you call the control panel by phone after confirmation sound dial ***code#** and after confirmation dial ***1#** to arm system.
	Control Panel does not send SMS	Make sure option 3 is turned on at address 50 01.
	In case of alarm all registered phones are dialed or the panel calls the same number more than once.	Edit the options "End Calls on Firs Confirmation" and "End Calls By Pressing any Key" under the Communicator Menu as your needs.
	Alarm panel continuously calls by phone.	Control panel calls the users as many time as you set after alarm condition. After you answer your phone, press * to stop calls. Alarmı çözmek ve sireni susturmak için ise ek olarak ***şifre#** onay sesinden sonra ***0#** yapınız.
	Can I turn off all SMS?	Yes, Communicator - General Settings – Turn off 3, you will close all SMS.
	Can I use a mobile application when there is no internet package on my SIM card?	If your SIM card does not have internet access, you cannot use the mobile application. GSM; Allows calls and SMS sending. GPRS; Provides an Internet (data) connection.
	Sim card is connected but control panel can't make calls or send messages to CMS.	Probably the SIM card pin code is not turned off. You cannot operate until the pin code is removed.
	Phone Calls and SMS are working but I have a problem with Mobile application not stable.	Check the GSM / GPRS signal level. This problem may occur when the signal level is low. A better quality signal is required for the GPRS connection
	I cannot make CMS communication with the GSM/GPRS module.	**i.** The SIM card used may not have internet on by the network service provider. **ii.** GPRS communication may be turned off in the module settings section (factory setting is on). **iii.** Your CMS account number, port number, or IP address may be incorrect. **iv.** There may not be Teknim Receiver software in CMS attempting to establish a connection.

COMMUNICATOR	**I cannot send SMS.**	**i.** The SMS sending setting may be off. In the factory settings, SMS sending is off and needs to be turned on after entering the phone number. **ii.** At the beginning of the number you want to send an SMS "COUNTRY CODE 00" (for example, Turkey 0090) must be entered. Some mobile operators cannot send SMS without country code at the beginning.
	Some events do not send SMS, do not send message to CMS or make calls.	Under the report masks menu, settings such as call, sms or CMS notification can be selected and customized. Some options are closes as a factory default.
	When I call the panel by phone, the panel does not respond.	At the "Remote Access Settings" make sure option 1 is turned on.
BATTERY	**Control Panel does not operate from battery only.**	If the control panel will be operated only by battery without mains connection, after the battery connection is made, press and hold the Start button on the panel board for 3 seconds. Otherwise, the battery will not turn on until power is applied.
	Battery charge light does not turn off when power is göne.	The battery charge light will go out in 1 minute, if the power goes out during the charging phase, it can detect in 1 minute.
	How do we know that the panel works?	If the status led on the panel flashes every 3 seconds, the panel is running. Flashes at different times during arming and disarming.
	The charging light is on continuously.	To maximize the life of your battery, a charged battery operates in 56sec charge, 4sec discharge mode.
SOFTWARE	**Which Code should I use to login from PC Configuration Software?**	If you are going to program Pars alarm systems via a PC, you should get the PC configuration program first. When connecting to the control panel with this software, you can log in using the Installation Code of the panel. **Factory Default: 9999**
	When making a PC connection, I get a disconnected error.	When connecting the PC to the panel, make sure that the alarm is not armed.
	How to change user codes with configuration software?	For security reasons, the codes cannot be changed from the configuration software.
CODES	**While everything appears normal on the panel, I get "Access Denied" error when try to login to Installer Program.**	Make sure your code is correct. If your code is correct, you may not be able to log in due to a previously occurring alarm condition (Panic Alarm, Medical Alarm etc.). You cannot log in unless the alarm restores.
	I receive an "ERROR: WRONG PASSWORD" warning when I try to arm the system.	**1:** Make sure your code is entered correctly. **2:** Make sure that the Fx key is not active, if the Fx key is active, the ready light flashes.
	How to delete user Codes?	User codes can be deleted by entering 0000 in the section of user codes.
	When the user code is deleted, will the remote keyfob which connected to the user code work?	When the user code is deleted, the remote control keyfob is also automatically deleted.

CODES	**I forgot my master code, what should I do??**	Contact technical service.
	Smoke detector is not reset by user code after gives alarm, although it is supplied from the PGM output. Red light stays on, it resets when I unplugged the detector from base.	Make sure the smoke detector is connected correctly and make sure that its parameters are correctly entered.
	How many external sirens can be connected to the alarm panel?	When using Teknim brand external siren, 2 sirens can be connected. The second siren must have the internal siren jumper connected.
	Can I connect two different unit to the same PGM?	No, there may not be a correct connection because the parameters are different.
	How many units can I connect to the same PGM in one type?	For max limit, connection must be made by calculating the max current to be drawn by the devices. For example, the TSD-5135 smoke detector consumes 10 mA, therefore Max. 10 pcs smoke detector can be connected.
	How many detector can I connect to control panel?	There is no max limit, the total current of the panel must be calculated and the connection must be made accordingly.
	Can I define a remote keyfob controller to two different users??	No, you can't define same keyfob to another user it gives "!! Available" Warning.
DİĞER	**How many remote keyfob can I use in the system?**	Maximum 11 keyfob can be used with user codes.
	Fire detector is constantly gives Alarm.	**1:** Be sure to make the appropriate connection by referring to the user manual. **2:** Make sure that the type of zone connected to the fire detector is selected as "Fire". **3:** Make sure PGM usage type is selected as "Fire detector". **4:** Make sure that the PGM parameter is entered for the minimum reset time in seconds of the connected detector.
	The system gives alarm when I walk around in the house even though I'm arming the system as Stay Mode.	You have to define "Include Home Arming" to related zone.
	Panel functions do not work properly after firmware upgrade.	After firmware upgrade, the control panel settings return to the factory defaults.

MOBILE APPLICATION	**I have installed Teknim Mobile application, but the operation fails or user not found error appears in the barcode reading section.**	Another user may have registered this panel under their account.
	I can't Arm/Disarm via mobile app.	**i.** The SIM card may not have internet on by the network service provider. **ii.** GPRS communication may be turned off in the module settings section (factory setting is on!). **iii.** Cloud communication may be turned off in the cloud settings section (factory settings are off!). **iv.** If any alarm condition exists, the GSM / GPRS module may be making a call or sending an SMS. A 2G connection is lost during a call or SMS sending. Try again when all calls and SMS are finished. **v.** There may be a open or improperly connected zone while you try arming.

NOTES;

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