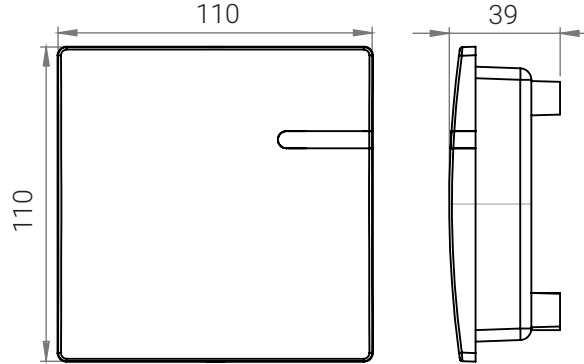


### SPECIFICATIONS

Model	SD830	SD830K	SD830K24
Environmental class	II Indoor		
<b>Electrical</b>			
Operating voltage	12V DC ± %10		24V DC ± %10
Stand-by current / Alarm	<50 mA	<100mA	
Controller	Microprocessor		
Line frequency	390-490Hz		
<b>Call</b>			
Called phone number	6		
Called period	Tone:70s Pulse:80s		
Audio recoding period	16sn.		
Unanswered / Busy	5 kez arar		
Unanswered calling period	50sn.		
Unanswered call number	10 kez		
Microphone	Built-in		
<b>Alarm</b>			
Alarm input	Programmable, 5 time call		
Alarm detection	Available		
<b>Password</b>			
User password	6		
Programing password	1		
Relay puller with password	Available		
Tone / Pulse options	Available		
Restore factory settings	Available		
<b>General</b>			
Housing material	Card	Box	
Housing shape	Standard		
Operating Temperature	-10°C~+50°C		
Dimension (HxWxD)	90x80x25mm	110x110x39mm	
Weight card	82g	111g	
Year of manufacture	The year and week of manufacture is included in the first four digit of your product serial number (located on the product identification label)		
Manufacturer	EDS Elektronik Destek Sanayi ve Ticaret Ltd. Meclis Mah. Teraziler Cad. Hayran Sk. No: 4 34785 Sancaktepe / İstanbul / Turkey		
Recycle			

### PHYSICAL



### CONNECTIONS

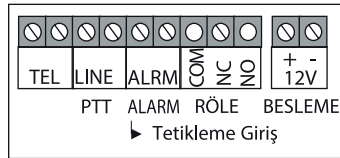


Figure 1

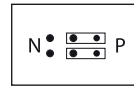


Figure 2/  
Programming

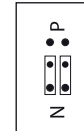


Figure 3/  
Normal

Connect the phone line to the LINE ports. To be able to program the SD830, a telephone device with tone dial must be connected to the tel. connector.

First, connect the jumper units(J1 and J2) to the P(Program) side as shown in Figure 1. While in normal operating condition, jumper units must be in N(Normal) position as shown in Figure 2.

SD830 has the feature of automatic alarm detection. The alarm input condition is accepted as the normal input condition at the first start-up. If the alarm input condition changes, it is considered as a trigger.

### Connection Examples

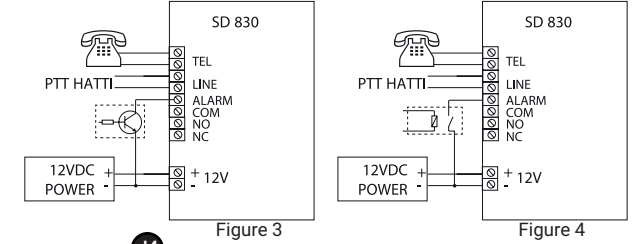
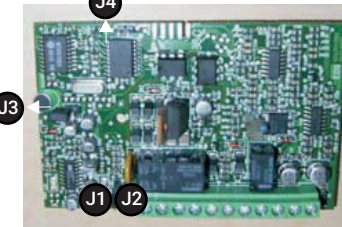


Figure 3

Figure 4



### PROGRAMMING

#### Programming Parameters

You should hear a double-tone confirmation sound right after every programming and password changing processes. If a single-tone error sound is heard, you can repeat the process after pressing the [#] button. You can press the [#] button to cancel any process at any time and return to the beginning of the menu. You should program the device before operating it. During the programming process, J1 and J2 jumper positions must be set as shown in Figure1. During the programming process, you can assign 6 phone numbers and a specific password and engineering password for each phone number. You'll hear a double-tone confirmation sound after entering "four digit engineering password, [#], order no, tel no and [#]".

- For telephone number 1:** EEEE # 01 Tel No #
- For telephone number 2:** EEEE # 02 Tel No #
- For telephone number 3:** EEEE # 03 Tel No #
- For telephone number 4:** EEEE # 04 Tel No #
- For telephone number 5:** EEEE # 05 Tel No #
- For telephone number 6:** EEEE # 06 Tel No #

(EEEE: 4 digit engineering password) (default 1234)  
**Example:** 1234 # 01 0532 987 65 34 #



## PROGRAMMING

### Changing The Engineering Password

You'll hear a double-tone confirmation sound after entering "4 digit engineering password, [#], 13, new password"

**To change the engineering password: Enter EEEE [#] 13 NNNN**

EEEE : Engineering password(Used for programming, changing password and removing tel. numbers)  
NNNN : The new engineering password

### Removing Telephone Numbers

You'll hear a double-tone confirmation sound after entering "4 digit engineering password, [#], order no, [#]"  
(EEEE: 4 digit engineering password)

**Removing tel. Number 1: EEEE [#] 01 [#]**

**Removing tel. number 2: EEEE [#] 02 [#]**

**Removing tel. number 3: EEEE [#] 03 [#]**

**Removing tel. number 4: EEEE [#] 04 [#]**

**Removing tel. number 5: EEEE [#] 05 [#]**

**Removing tel. number 6: EEEE [#] 06 [#]**

(EEEE: 4 digit engineering password) (default 1234)

**Example:** 1234 # 01 #

### How to Enter or Change Passwords

After entering the 4-digit engineering code, #, row number and user code if you enter a valid syntax you hear, two beeps. If you enter an invalid syntax you hear single beep which means wrong operation. You can repeat the operation by pressing # button.

Please enter the followings in order

**MMMM** : Engineering code (default 1234)

**SSS** : New password

**Example:** 1234 # 07 5612 if you want to set 5612 user password

Setting 1. Telephone's number's password: MMMM # 07 S1S1S1

Setting 2. Telephone's number's password: MMMM # 08 S2S2S2

Setting 3. Telephone's number's password: MMMM # 09 S3S3S3

Setting 4. Telephone's number's password: MMMM # 10 S4S4S4

Setting 5. Telephone's number's password: MMMM # 11 S5S5S5

Setting 6. Telephone's number's password: MMMM # 12 S6S6S6

**Changing the engineering code: MMMM #13 S7S7**

### How to Stop Dialling or Changing Password

After voice playback finishes, the device waits for a password during 10 seconds. In that time please enter the password related current phone number. After two tone, if you enter '2' the device does not dial next phone numbers.

If you enter '1' instead of '2' the relay on the board is activated.

## NOTES

■ Operation may start 3 seconds after the initial power-up. A siren sound will be heard on the phone when picked up during an alarm condition.

■ The alarm output of the alarm panel may trigger positive or negative, SD830 will automatically detect it (Connections are shown in Figure 4 and Figure 5)  
Factory default engineering password is: **1234**. To restore the factory settings, shut down and unplug the power source first.

■ Then set the J4 jumper position and power up again. You'll hear a confirmation sound on the programming telephone. Remove the jumper J4. From short-circuit.

■ Confirmation sound will be heard from the phone used for programming.