

INTD1001  
Metal Keypad for access control

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Please read the instructions carefully in order to get all of the benefits of this device.

INTD1001 Keypad



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Le personnel de PELEKIS vous remercie et sera toujours là pour tout soutien technique.

### General Description:

The dial keypad INTD1001, with its multitude of different functions which are integrated in its program, can be used in elevators for access control to private floors, such as office buildings and apartments.

The device INTD1001 is offered in a range of models to cover the needs of the customer at the lowest possible cost.

Model series:

INTD1001 / 1: One Relay command.

INTD1001 / 2: Two Relay commands.

INTD1001 / 4: Four Relay command.

INTD1001 / 8: Eight Relay commands.

INTD1001 / S: With one Relay and serial communication with extension device.

INTD1001 / E8: Extension device 8 Relays with serial communications.



## Features:

- Up to 8 on board Relays acting like simple buttons.
- 3--Lever Security control of device.
- Security 3 digit User password for each relay.
- Time lock / unlock delay for each relay.
- Latch mode supported for each relay.
- False password "Detect and Lock" function.

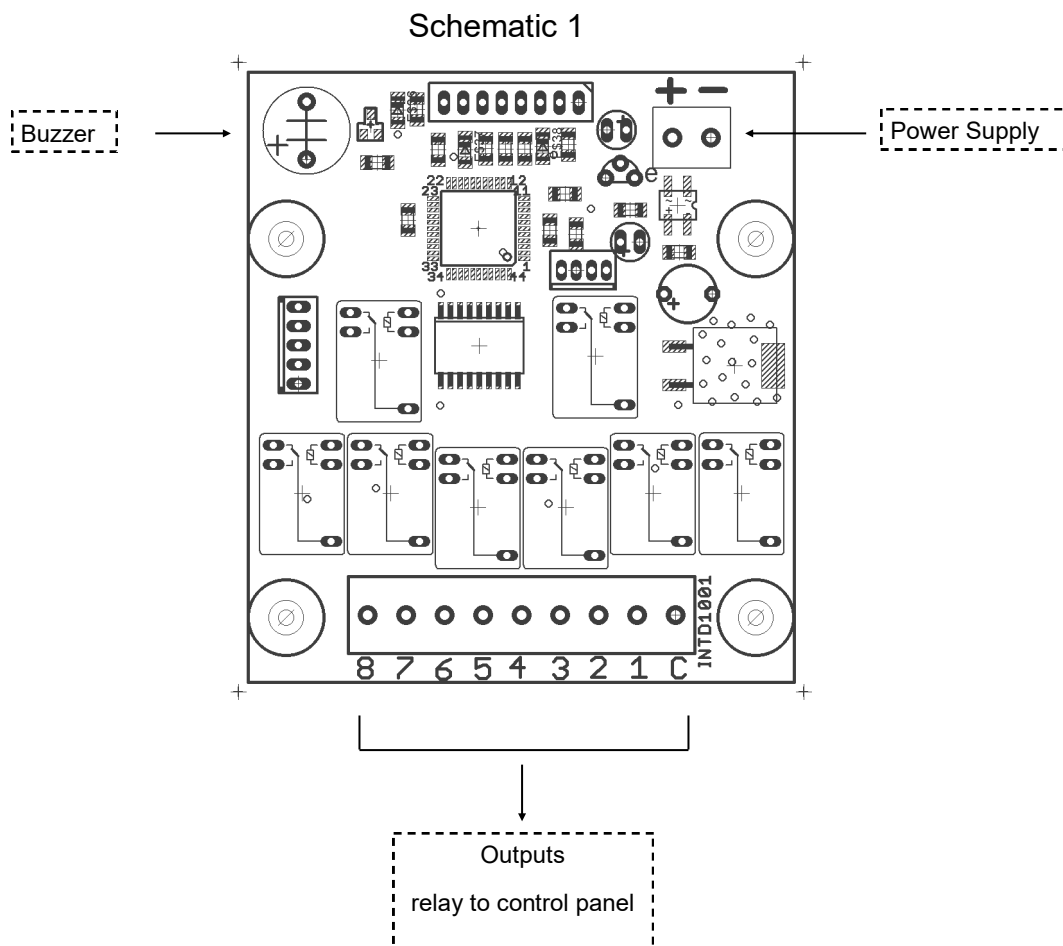
## Specifications:

<b>Power supply</b>	12 to 24 V DC/AC
<b>Power consumption</b>	0.3mA with 8 relay enabled
<b>Security Levels</b>	<ul style="list-style-type: none"><li>• User Password</li><li>• Admin Password</li><li>• Supervisor Password</li></ul>
<b>Extras</b>	One On board Buzzer.
<b>Operation temperature</b>	0-80°C
<b>Operation humidity</b>	10-80% (non condensing)
<b>Dimensions (External)</b>	80.7 x 70.2 x 42 mm (H x W x D)
<b>Weight (Total/w Battery)</b>	255g

## Wiring Connection:

Connect power supply (12-24V AC/DC) and outputs from relays to control panel and then power on. (see Schematic 1)

After Keylock is properly powered you will here a short sound (500ms) and then device is ready to use.



**CAUTION :** Absolute maximum current for every relay are: 3A - 120VAC / 3A - 24VDC / 1A - 125V~.





## Programming:

### Programming User Password

In this section demonstrate full functionality of **Password Protected Relay** working mode.

By enable password at any relay *Password Protected Relay* function is activated. Disable the last password has been set on a relay will Disable the *Password Protected Relay* function and *Unprotected Relay* function will be enabled.

#### Enable Password:

While desired relay password is disabled, set "000" as User / Old password (*Factory preset password*) and set any desired password at User / New password (Ex. "653").

\* 02 \* 000 \* 653 \*

↑            ↑            ↑

Relay      User / Old      User / New  
                 password      password

**Note:** *Factory preset User password is "000"*

#### Disable Password:

While desired relay password is enable, place the User / Old password and set "000" (*Factory preset password*) as User / New password, in order to disable the password.

\* 02 \* 653 \* 000 \*

↑            ↑            ↑

Relay      User / Old      User / New  
                 password      password

**Note:** *Factory preset User password is "000"*



### Change Password:

While password is enabled at one relay, user can change the password that has been set on this relay, to a new one.

\* 02 \* 653 \* 877 \*

↑            ↑            ↑

Relay      User / Old      User / New  
                 password      password

**Note:** Change password works only in relay with password enabled before.

### Programming Latch Mode

Programming latch mode requires selected relay being in *Password Protected Relay* function.

Every *Password Protected Relay* act in 2 ways, Latch Off (Timer) / Latch On :

#### Latch Off (Timer):

In this mode, activating any relay (E.g. 2) will arm the Relay for selected period of time between 1-98 seconds and after that time, Relay will be released.

\* 02 \* 15 \* 877 \*

↑            ↑            ↙

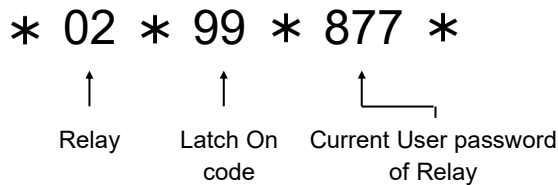
Relay      Delay      Current User password  
                 Time      of Relay

**Caution:** Factory preset Latch mode is Off and preset Delay Time is 2 seconds.



**Latch On:**

In this mode, activating any relay (E.g. 2) will arm the Relay and hold its state until Relay has been deactivated ( by pressing the same sequence of keys as on activation), when Relay will be released.



**Caution:** Factory preset Latch mode is Off and preset Delay Time is 2 seconds.

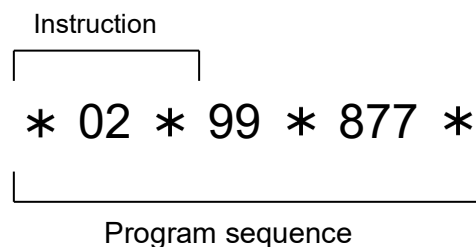
**Buzzer Sounds:**

Buzzer helps the human interacts with the device in order to understand the process has been made in every step of the programming mode.

These Buzzer sounds sequence are explained at table below:

Description	On	Off	Loop
<b>USER / ADMIN AUTHORIZED</b>			
Accepted Instruction	250ms	0ms	1
Rejected Instruction	250ms	0ms	1
Program sequence completed	250ms	250ms	2
Timeout Sequence	500ms	0ms	1

Example:





## Programming Administrator Function

In this section demonstrate full functionality of programming Administrator Function.

Installer of Keylock is considered as Administrator of the device. Administrator can edit his own password. Furthermore administrator has some extra authority on the device which is the ability to disable User/s password/s, one by one or all together. This operation called Re-set of User Password.

### Change Administrator Password:

While device is powered up administrator can handle is password according the below way.

**## 0000 # 3546 #**  
 ↑                      ↑  
 Admin / Old      Admin / New  
 password            password

**Note:** Factory preset Admin password is "0000"

### Reset User Password:

In order to make this actions, administrator has to set the Admin password before. This way ensure that only unique administrator of current Keylock device can handle the users passwords.

Administrator can reset users password with 2 ways:

#### One-By-One:

Reset any password refers to Password Protected Relay.

**## 3546 # 02 #**  
 ↑                      ↑  
 Current Admin      Relay to  
 password            Reset

#### All Together:

Reset all passwords refers to Password Protected Relays.

**## 3546 # 99 #**  
 ↑                      ↑  
 Current Admin      Reset All  
 password            passwords



## Supervisor Password

If there is no possibility of using the admin password you should contact your retailer. The retailer will ask the Serial Number of the device, which will be used, after identification of the owner, in an algorithm that will generate Supervisor Password.

## Programming Supervisor Password:

While device is powered up Supervisor password must be typed according the below way.

**##XXXX\*\***  
↑  
Retailer given  
number

After code typed well device will response with 5 short buzzer sounds (150 ms pause between each other)

There is always the possibility to return the device to the factory for reprogramming the factory settings (Factory Reset).

only for the installer