ACL875SU – Surface Mount Standalone Keypad Reader - Installation Manual



Description / Operation

ACL875SU is a standalone digital keypad for access control applications with backlit keys, 99 user codes, 2 outputs (relay and transistor) and 1 push button input. These keypads are available in three different color finishes. Authorized users can be assigned specific codes for use in access control applications, electrical switching and arming/disarming alarm systems. The users can be assigned to activate the first, the second or both outputs. There is a 30 seconds lockout after 8 successive invalid PIN codes.

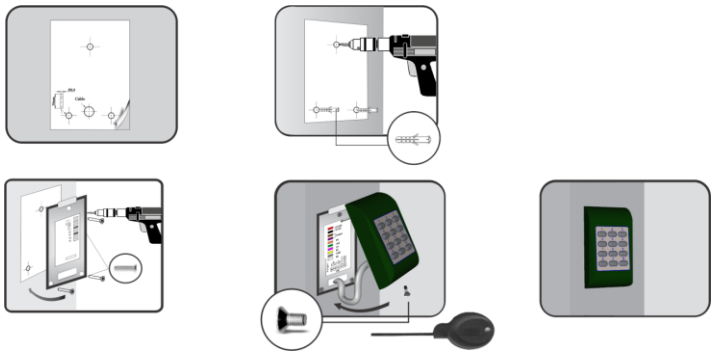
The tamper switch output can trigger the alarm system, if an attempt is made to open or remove the unit from the wall.

Specifications

Operating voltage	12 to 24 VDC; 15 to 24 VAC
Current consumption	60 mA at 12 VDC
PIN Code capacity	99 (1 to 8 digits)
Outputs	1 Relay (2 A at 24 VDC, 2 A at 120 VAC), 1 transistor (100 mA)
Buzzer	Yes
LED	Green - Output 1 status (Relay) Red - Output 2 status (Transistor) Orange - Key press and Menu
LED control	No
Tamper	Yes
Backlight ON/OFF	Yes, by DIP switch
Panel connection	Cable,1 m
Material of design housing	Molded Aluminum or ABS (black)
Dimensions of housing (W x H x D)	51 x 92 x 25 mm; 51 x 92 x 27 mm (ABS);
Operating environment	
Temperature	-20 to +50°C
Relative humidity	0 to 95% noncondensing
IP rating	IP65
Color	-S = Silver, -C = Grey, -B = Black
Weight	Shipping weight: 305 g Product weight: 173 g

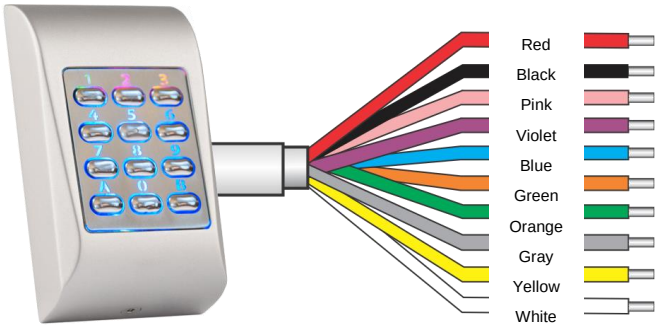
Mounting

Figure 1: Mounting instructions



Wiring

Figure 2: Wiring



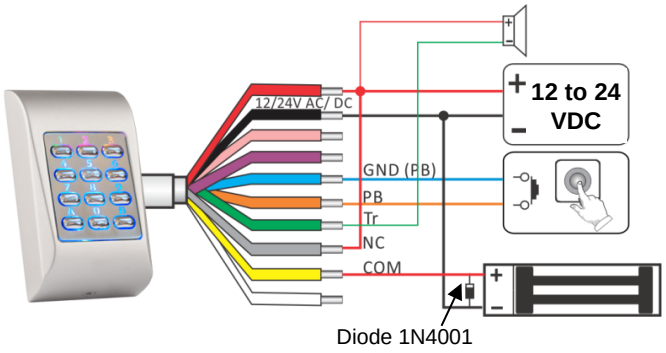
1	12/24V	12 to 24 VDC;
2	AC/DC	15 to 24 VAC
3	Tamp	Tamper
4	Tamp	Tamper
5	GND	Ground (PB)
6	PB	Push Button Input
7	Transistor	Transistor Output
8	NC	Normally closed
9	COM	Common
1 0	NO	Normally open

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Application diagram

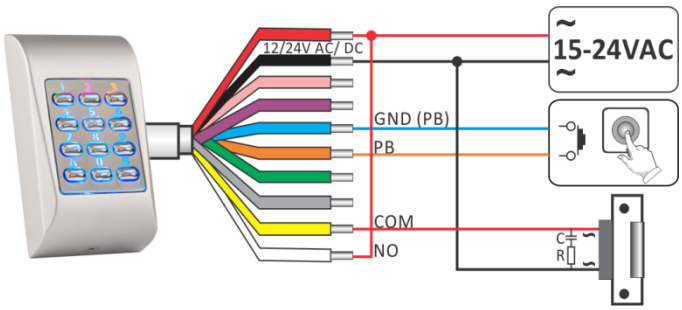
Figure 3: Application diagram

12 to 24 VDC



Note: Exit button (NO) automatically activates relay output1.

15 to 24 VAC

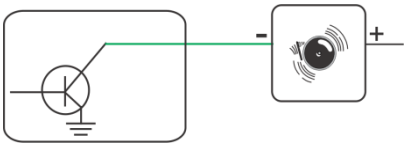


NOTE: The PIN code is typed with A for confirmation.

Example:

123 + A

Transistor



DIP switch and Status LED's

Default: 1 – OFF; 2 - ON



1 :Redefine Master Code
2: Backlight in Idle Mode ON/OFF



Orange LED - Key press and Menu
Red LED - Output 2 Status
Green LED - Output 1 Status

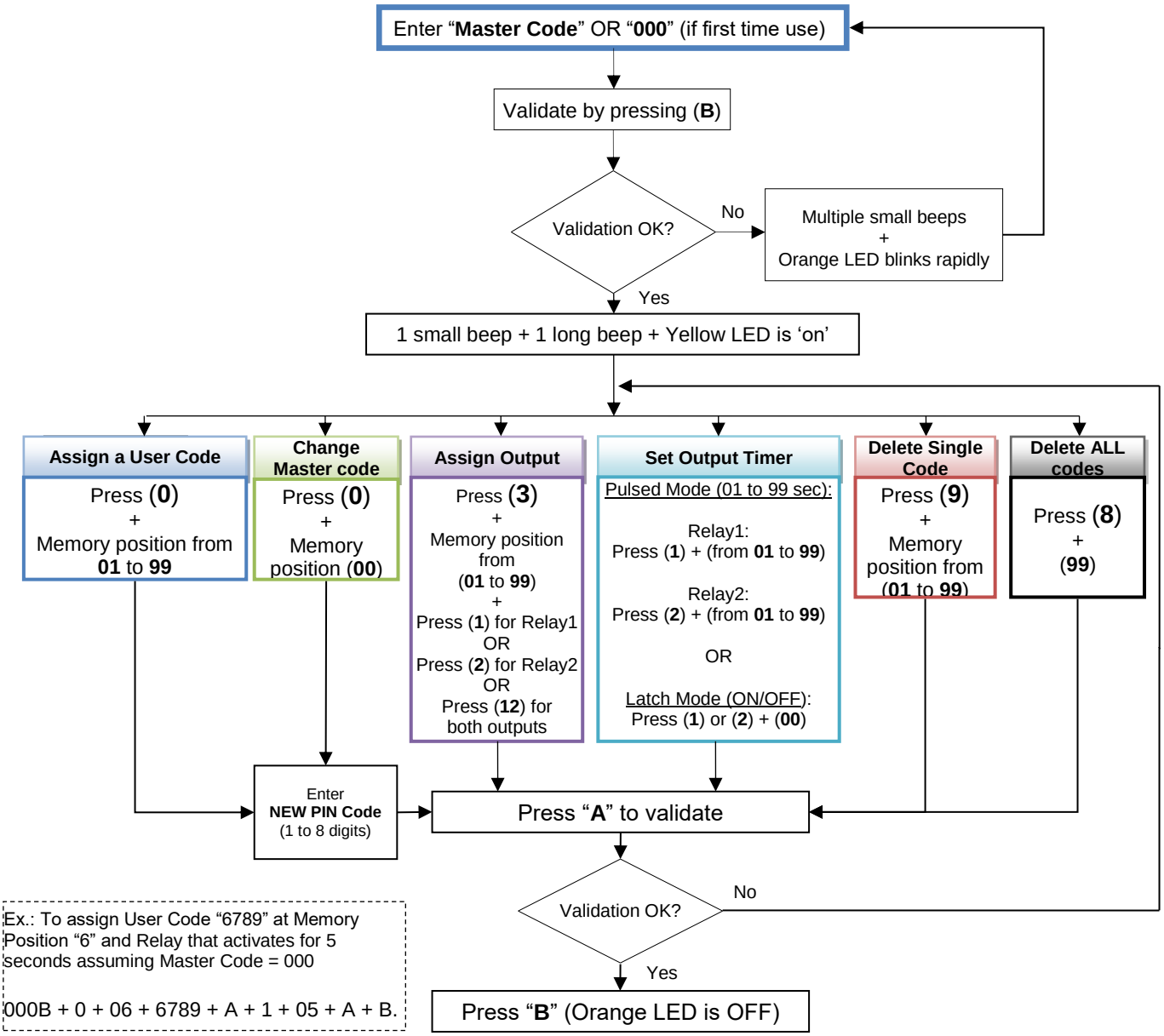
Redefine Master Code

It is possible to redefine and restore the default setting if the Master code is forgotten.

1. Disconnect power and put the DIP switch1 to ON
2. Reconnect power (beep beep ... + orange LED blinks)
3. Put back the DIP switch1 to OFF (Orange LED ON + Long beep)
4. Press 000
5. Press the new Master Code
6. Press A (beep, beep)
7. Press B (Orange LED OFF)

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Programming flowchart



Regulatory information

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Manufacturer	Interlogix. 2955 Red Hill Avenue, Costa Mesa, CA 92626 5923, USA Authorized EU manufacturing representative: UTC Fire & Security B.V. Kelvinstraat 7, 6003 DH Weert, The Netherlands
Certification	
European Union directives	This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.
	2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.
	2013/56/EU & 2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.
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