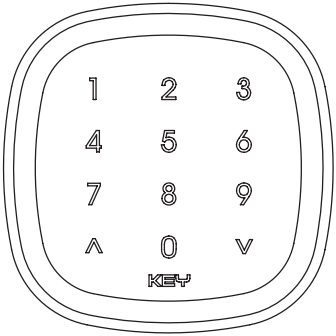
Istruzioni ed avvertenze per l'installazione e l'uso
Instructions and warnings for installation and use
Instructions et avertissements pour l'installation et l'usage
Instrucciones y advertencias para su instalación y uso
Anleitungen und Hinweise zu Installation und Einsatz
Instruções e advertências para a instalação e utilização
Instrukcje i zalecenia dotyczące instalacji i użytkowania



EGKTR1

Tastiera touch via radio
Touch keypad via radio
Clavier tactile via radio
Teclado táctil via radio
Touch-Tastatur über radio
Teclado tátil via radio
Klawiatura dotykowa radiowa

Management System ISO 9001
www.tuv.com ID 9105043769

CONNECTION

1 - SAFETY WARNINGS EN

ATTENTION! To ensure the safety of people it is important to follow these instructions and keep them for future use. Carefully read the instructions before installing and performing the work as specified by the manufacturer; check if the product is suitable for the desired type of use. The device must only be intended for the use for which it was expressly designed. Installation, programming, commissioning and maintenance of the equipment must only be carried out by qualified technical personnel, in compliance with the mandatory regulations, including those for the correct disposal of packaging. Handle the equipment with care, especially during installation, avoiding falls, knocks, or contact with liquids; do not position the equipment near sources of heat; the presence of metallic structures may affect the radio range. Before servicing the equipment, always remove the batteries from the device. The manufacturer cannot be held liable for any damage resulting from improper or unreasonable use. **ATTENTION: the EGKTR1 radio keypad is a battery-powered electronic device and the paired devices cannot be activated if the batteries are flat. It is therefore recommended to provide for an appropriate alternative actuation system.**
The contents of this manual may be modified at any time without prior notice. The most up-to-date version is available on the website **www.keyautomation.com**

2 - INTRODUCTION TO PRODUCT

EGKTR1 is a digital keypad with capacitive touch technology. Its operating principle is similar to that of a two-channel transmitter, and transmission occurs by keying in the user code followed by the 𝕍 or 𝔸. For all learning, deletion and function paring operations with the 𝕍 or 𝔸 channel, see the receiver manual. EGKTR1 is compatible with Key Automation control units and receivers.

NOTE - Each digital keypad has a unique serial number making it different from every other keypad, each user code must be saved in the receiver and paired with the function that needs to be carried out (see the radio receiver or control unit manual).
NOTE - The default (factory-set) master code for all keypads is 1 2 3 4. For safety reasons, this code must be changed during installation.

2.1 - TECHNICAL CHARACTERISTICS

		EGKTR1
Power supply		3V – 2 x AAA *(*1) (*2)*
Radio frequency	MHz	433,92
Max current	mA	200 *(red colour, maximum brightness level)*
Battery life	month	12
Line of sight range	m	60 max *(*3)*
Number of code digits		From 3 to 6 *(factory-setting = 4 digits)*
Savable codes		up to 20
Antenna		Built-in
Operating temperature	°C	-10 +55
Equipment class		III
Protection rating	IP	55
Dimensions	mm	79 x 79 x 23 *(h)*
Weight	gr.	226

*(*1) The conditions of use being equal, the battery life can be significantly increased, even with respect to alkaline batteries, using non-rechargeable lithium batteries (such as Energizer® Ultimate Lithium AAA or VARTA Ultra Lithium AAA).*
*(*2) The use of rechargeable batteries is strongly discouraged.*
*(*3) Installation on metal surfaces significantly reduces the maximum range.*

2.2 - BATTERY LIFE

With medium quality alkaline AAA batteries (900mAh) with high light level, blue colour, non-active ambient light sensor, 4 daily transmissions, the estimated duration is 12 months. With the same operating conditions but with the light sensor active, the estimated duration is 20 months. With the same operating conditions but with low light level, the duration is over 28 months.
Battery life depends heavily on: battery type (zinc-carbon, alkaline, lithium), use of the backlight, working temperatures, number of daily activations.
For installations with temperatures that can drop below 0 °C, use is recommended
of AAA lithium batteries (e.g. Energizer Ultimate Lithium, Varta Ultra Lithium or similar).
After each transmission, the battery charge level is checked and if the charge level is insufficient, five short beeps are emitted and the buttons and crown backlighting is yellow. Replace the batteries as soon as possible.

3 - PRELIMINARY CHECKS

Once the two AAA batteries have been inserted, the keypad goes into low power mode (stand-by). To check for correct insertion, touch any key to activate the keypad: a long beep indicates its activation.

4 - INSTALLATION & FIRST START-UP

4.1 - SAVING A CODE

Place the receiver in learning mode as indicated in the respective manual and proceed as follows, making sure to respect the indicated time-out periods of the receiver (normally 7 seconds).
To minimise possible interferences, it is advisable to move closer to the receiver and disconnect the antenna from it, if possible.

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation.			>1s
Key in the four-digit code (factory-set) followed by the 𝕍	1 2 3 4 𝕍		
The keypad's backlighting is deactivated and a short and long beep are emitted.			+ >1s
The code is radio-transmitted and the keypad's backlighting is reactivated in green for about one second.		GREEN	

If a code is keyed in which is not saved in the memory, or with an incorrect number of digits, the selector indicates the error by lighting up the border and the keys in red, and four short beeps are emitted.
NOTE - After keying in a valid code, within 7 seconds it is possible to transmit a new command by pressing the key 𝔸 or 𝕍. Two short beeps indicate that the keypad has been deactivated.

⚠ ATTENTION! Certain codes cannot be used because they are reserved to other functions. In case of three-digit codes, do not use the number 001. In case of four-digit codes, do not use the numbers from 0010 to 0019, and from 0020 to 0029.

4.2 – CHANGING THE MASTER CODE

Certain operating parameters of the keypad are protected by a master code which for safety reasons should not be disclosed. Upon first installation, the default master code is **1 2 3 4**. To change it, follow the procedure below:

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation.		BLUE	>1s

Press and hold the ⩓ and ⩔ keys simultaneously until a long beep is emitted;and until the keypad lighting remains blue	⩓ + ⩔ 5 sec. max	BLUE	>1s
Key in the master code followed by ⩔	1 2 3 4 ⩔	ORANGE	+ >1s
Key in the **new** master code composed of the set number of digits in the keypad, followed by the ⩔ key	2 0 2 2 ⩔	YELLOW	> 1s x3
Repeat the previous sequence	2 0 2 2 ⩔	GREEN	+ >1s

4.3 - SETTING THE NUMBER OF MASTER CODE DIGITS

The master code (administrator-installer) and user code are set at **4 digits** (factory setting). This number of digits can be changed to **3, 5 or 6**.

⚠ **ATTENTION! The default master code changes depending on the selected number of digits: 3 digits = 1 2 3; 4 digits = 1 2 3 4; 5 digits = 1 2 3 4 5; 6 digits = 1 2 3 4 5 6**

To change the number of digits, proceed as follows:

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation.		BLUE	>1s
Press and hold the ⩓ and ⩔ keys simultaneously until a long beep is emitted and until the keypad lighting remains blue	⩓ + ⩔ 5 sec. max	BLUE	>1s
Key in the master code followed by the ⩔ key	1 2 3 4 ⩔	ORANGE	+ >1s
Key in the number of digits of which the code must be composed (for example 3), followed by ⩓⩓⩔	3 ⩓⩓⩔	YELLOW	> 1s x3
Repeat the previous sequence	3 ⩓⩓⩔	GREEN	+ >1s

⚠ **ATTENTION! Changing the number of master code digits will reset the factory sequence in accordance with the selected number of digits. For example, if a 5-digit code is set, the master code will be 1 2 3 4 5.**

4.4 - CREATING USER CODES

⚠ **ATTENTION! It is possible to add up to 20 user codes.**

To create a new user code, proceed as follows:

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation.		BLUE	>1s
Press and hold the ⩓ and ⩔ keys simultaneously until a long beep is emitted and until the keypad lighting remains blue	⩓ + ⩔ 5 sec. max	BLUE	>1s
Key in the master code followed by the ⩔ key	1 2 3 4 ⩔	ORANGE	+ >1s
Press ⩓ followed by the new user code (in this case 4 digits) followed by ⩔	⩓1 1 1 1 ⩔	YELLOW	> 1s x3
Repeat the previous sequence	⩓1 1 1 1 ⩔	GREEN	+ >1s

5 - OPTIONAL CONFIGURATIONS

5.1 - CONFIGURATIONS NOT PROTECTED BY A MASTER CODE

The following functions allow personalisation of the user experience with the keypad without using the master code and are of the alternate type (if active, it is deactivated and vice versa).

DESCRIPTION	CODE	DEFAULT	MASTER C.
Hold any key pressed to activate the keypad: a long beep signals its successful activation.		BLUE	>1s
Buzzer deactivation (*1)	001 ▽		
Ambient light sensor activation (*1)	001 △	ACTIVE	NO
Firmware revision	0017		NO

*(*1) Carry out the same procedure to restore the default setting*

5.2 - CONFIGURATIONS PROTECTED BY A MASTER CODE

To change a parameter protected by a master code, proceed as per the example below: setting the colour magenta (0025) for the key and border backlighting

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation.		BLUE	>1s
Press and hold the △ and ▽ keys simultaneously until a long beep is emitted and until the keypad lighting remains blue	△ + ▽ 5 sec. max	BLUE	>1s
Key in the master code followed by the ▽ key	1 2 3 4 ▽	ORANGE	+ >1s
Change the colour of the backlighting to magenta	0 0 2 5 ▽	YELLOW	> 1s x3
Repeat the previous sequence	0 0 2 5 ▽	GREEN	+ >1s

Repeat the sequence using the codes shown in the table below to change other optional configurations.

DESCRIPTION	CODE	DEFAULT	MASTER C.
Backlight brightness	0010 ▽	HIGH	YES
Backlight colour 0020 *(none)*, 0021 *(red)*, 0022 *(green)*, 0023 *(blue)*, 0024 *(yellow)*, 0025 *(magenta)*, 0026 *(cyan)*, 0027 *(white)*, 0028 *(orange)*	0028 ▽ *(orange)*	BLUE	YES
Restore factory setting	0011 ▽		YES

6 - DELETING CODES

6.1 - DELETING A SINGLE USER CODE

To delete a single user code, proceed as follows:

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation		BLUE	>1s
Press and hold the △ and ▽ keys simultaneously until a long beep is emitted and until the keypad lighting remains blue	△ + ▽ 5 sec. max	BLUE	>1s
Key in the master code followed by the ▽ key	1 2 3 4 ▽	ORANGE	+ >1s
Press △ followed by the user code to be deleted, followed by △▽	△1 1 1 1△▽	YELLOW	>1sx3
Repeat the previous sequence	△1 1 1 1△▽	GREEN	+ >1s

6.2 - DELETING ALL USER CODES

To delete all user codes, proceed as follows:

DESCRIPTION	EXAMPLE	COLOUR	BEEP
Hold any key pressed to activate the keypad: a long beep signals its successful activation.		BLUE	>1s
Press and hold the ∧ and ∨ keys simultaneously until a long beep is emitted and until the keypad lighting remains blue	∧ + ∨ 5 sec. max	BLUE	>1s
Key in the master code followed by the ∨ key	1 2 3 4 ∨	ORANGE	+ >1s
Press ∧∧∧∨	∧∧∧∨	GREEN	+ >1s

NOTE - the set number of digits is maintained:
3 digits = 1 2 3; 4 digits = 1 2 3 4; 5 digits = 1 2 3 4 5; 6 digits = 1 2 3 4 5 6

7 - RESTORING THE DEFAULT PARAMETERS

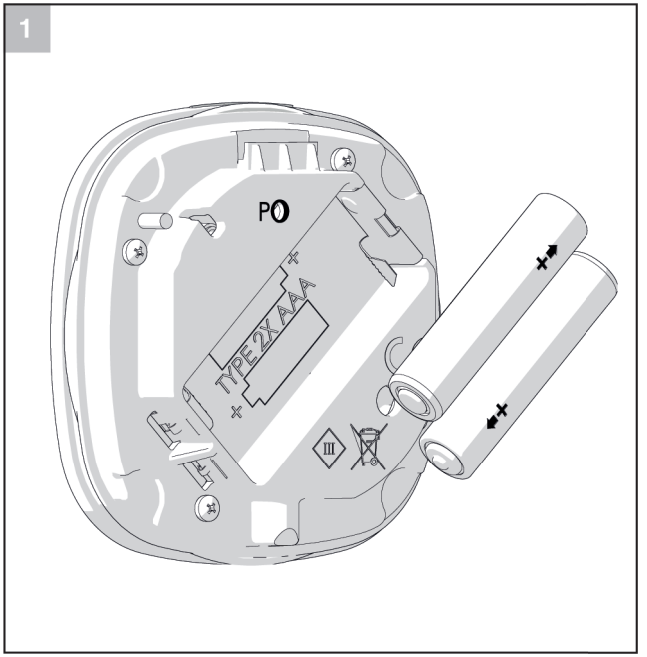
This operation restores all parameters, including the master code, to their default values. Any pairing with the receiver is also lost and must be repeated.

Remove the selector from the wall support, unscrewing the screws on the bottom			
Activate the digital keypad by touching any key		BLUE	>1s
Within 5", using a small, thin stick (maximum diameter 1 mm), press and hold (approx. 3") the P key on the back of the keypad until the colour tuns YELLOW and a long beep is emitted		YELLOW	>1s

After the acoustic signal, the keypad sends its own unique code for 35". After this time, saving in the receiver is possible.
All parameters and even the password will now be restored to their default values.

8 - DISPOSAL

Packaging components (cardboard, plastic, etc.), properly separated, must be placed in the appropriate bins. The components of the device such as electronic boards, metal parts, batteries, etc., must be separated and recycled.
For disposal methods, the rules in force at the place of installation must be applied.
DO NOT DISPERSE IN THE ENVIRONMENT!


1
TYPE 2X AAA

DICHIARAZIONE CE DI CONFORMITA'

CE *DECLARATION OF CONFORMITY*

Il sottoscritto Nicola Michelin, Amministratore Delegato dell'azienda
The undersigned Nicola Michelin, General Manager of the company

Key Automation srl, via Meucci 23, 30027 San Donà di Piave (VE) – ITALIA

dichiara che il prodotto tipo:
declares that the product type:

EGKTR1
Tastiera touch via radio 433,92 MHz
433,92 MHz wireless touch keypad

Models:
Models:

900EGKTR1

E' conforme a quanto previsto dalle seguenti direttive comunitarie:
Complies with the following community (EC) regulations:

Direttiva macchine / Machinery Directive 2006/42/EC
Direttiva bassa tensione / Low voltage Directive 2014/35/EU
Direttiva radiofrequenza / RED Directive 2014/53/EU
Direttiva RoHS / RoHS Directive 2011/65/EU

Secondo quanto previsto dalle seguenti norme armonizzate:
In accordance with the following harmonized standards regulations:

ETSI EN 301 489-1 V2.2.3, ETSI EN 301 489-3 V2.1.1
ETSI EN 300 220-1 V3.1.1, ETSI EN 300 220-2 V3.2.1
EN IEC 62368-1:2020 + A11:2020 + AC:2020
EN 62479:2010

Dichiara che la documentazione tecnica pertinente al prodotto è stata redatta conformemente a quanto previsto dalla direttiva 2006/42/CE Allegato VII parte B e verrà fornita a fronte di una richiesta adeguatamente motivata dalle autorità nazionali.
Declares that the technical documentation is compiled in accordance with the directive 2006/42/EC Annex VII part B and will be transmitted in response to a reasoned request by the national authorities.

San Donà di Piave (VE), 27/10/22

Amministratore Delegato
General Manager
Nicola Michelin

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