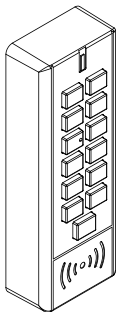


# tedee

## INSTALLATION GUIDE AND USER MANUAL

tedee keypad TKV1.0

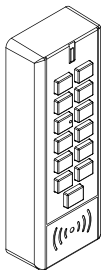


Read installation guide and user manual  
and learn how to use your device in a safe proper manner.

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## quick start with tedee keypad



Tedee keypad is an accessory for tedee smart lock. It allows you to open the door by entering a 5-8 digit access code.

This booklet will give you an overview of the basic features of tedee keypad and will help you walk through the setup in four easy steps.

### tedee keypad setup – go to page 11

## 4 easy steps



DOWNLOAD  
APP



POWER UP  
your keypad



ACTIVATE  
it



INSTALL  
it

## safety information

**WARNING:** Read all safety guidelines and warnings. Failure to follow the guidelines and warnings may result in electric shock, fire, and / or serious injury.

### safety guidelines / warnings

#### Do not



- Do not modify or disassemble your device.
- Do not self-service any part of the device.
- Do not immerse device in any liquid.
- Do not use the device near extreme heat source or open fire.
- Do not insert any conductive objects in device openings and gaps.
- The device should not be used by children without adult supervision.

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#### Do



- If repairs are required, please contact tedee technical support.
- Use only power supply devices provided or recommended by tedee.
- Read installation guide in order to learn how to start working with your device and how to pair it with your tedee app and other tedee devices. You can also follow the link: [www.tedee.com/installation-guide](http://www.tedee.com/installation-guide)

**Battery-powered Tedee keypad set includes non-rechargeable and non-user-serviceable batteries.**

**Do not**



- Do not charge non-rechargeable batteries.
- Do not disassemble, puncture, modify, drop, throw, or cause other unnecessary shocks to batteries.
- Do not leave or store batteries in hot places such as near an oven, stove, direct sunlight or other heat source.
- Do not place batteries into a microwave oven, or into any other high-pressure container.
- Do not immerse batteries in water or allow them to come into contact with water.
- Do not short circuit batteries.
- Do not carry loose batteries in a pocket or purse with other metal objects.
- Do not use batteries that appear to be leaking, discolored, rusty, deformed; emit an odor; or are otherwise abnormal.
- Do not touch leaking batteries.
- Do not mix old and new batteries.
- Do not continue to charge batteries longer than the specified time.
- Do not put batteries in the mouth and do not swallow them. If swallowed, contact your local medical help immediately.

## recommended batteries

AAA

To power your Keypad, you need to use 3 AAA batteries. We only allow the use of AAA batteries of 1,5V (LR03).

### Do

#### WARNING!

Risk of permanent damage to the device if batteries with an operating voltage exceeding 1.5V are installed!



- Do read the instructions for battery replacement provided in this booklet.
- Do insert new batteries correctly, following the symbols for positioning the positive (+) and negative (-) ends of each battery. Do not reverse battery polarity.
- Do replace batteries with the size and type specified in this booklet. Remove all batteries from tedee keypad at the same time.
- Do store batteries in a cool, dry place at normal room temperature.
- Do remove batteries from devices that will be unused for extended periods of time.
- Do segregate, recycle, and dispose of the batteries according to your local regulations. For more information contact your local authority.
- Use the included batteries at an operating temperature of -20 to +54°C, and store them at a temperature of -30 to +45°C. Exceeding these ranges may result in damage, loss of properties, leakage, or explosion of the battery. The above temperature ranges may vary depending on the battery manufacturer.

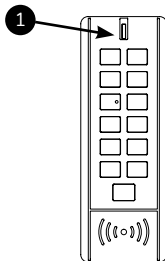
\* When replacing batteries in the device use only one type of batteries (do not mix).

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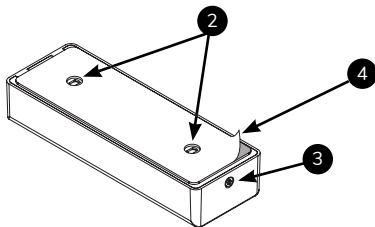
### Other information

- Dispose of the devices in accordance with your local regulations. If possible, recycle.
- Do not dispose of the device as a household waste and do not burn it.
- This device is safe to use under normal and reasonably foreseeable misuse operating code of conduct. If you notice any signs of errors or hardware malfunction, contact tedee technical support for help. In such case this device should be returned to tedee for necessary repairs under the warranty conditions. Any changes or modifications to the device's hardware or software which are not approved, recommended, or provided by tedee may void your warranty.
- Neither Tedee Sp. z o.o., nor our retailers are responsible for failure to comply with the above warnings and safety guidelines. By purchasing this device, the buyer acknowledges all risks associated with the use of tedee equipment. If you do not agree to these terms, return the device to the manufacturer or distributor before use.

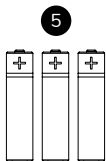
## set of items – what's in the box?



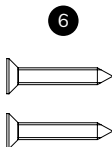
tedee keypad



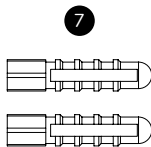
### Installation accessories:



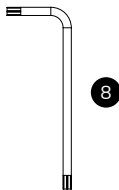
- 1.** Keyboard
- 2.** Mounting holes
- 3.** Mounting screw



- 4.** Double-sided adhesive tape
- 5.** AAA batteries (3x)



- 6.** Mounting screws (2x)
- 7.** Wall plugs (2x)
- 8.** Customized Torx key



## what's NOT in the box (but is needed)?

necessary to prepare



TIME (15-30 MIN)

optional



**Note:** Items below are necessary only if you choose to install tedee keypad with wall plugs.



DRILLER



RULER



PENCIL

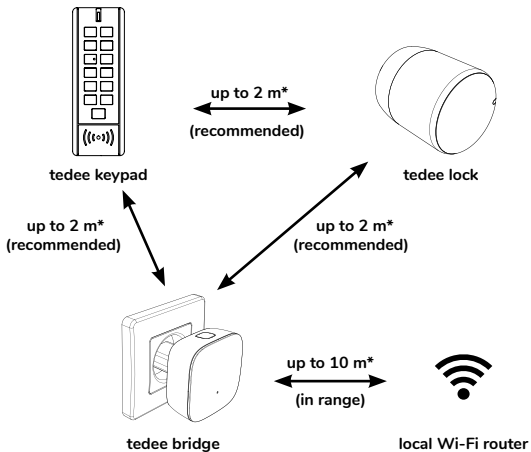


PHILLIPS  
SCREWDRIVER



## distance / range requirement

Recommended distance between tedee keypad, tedee lock, tedee bridge, and your local Wi-Fi network.



\*physical obstacles such as walls, doors, and furniture may weaken the radio signal and affect some of the functionalities of tedee devices.

# activation code

Location of a unique activation code (AC) of your tedee keypad

Activation code (AC) of your tedee keypad is printed on:

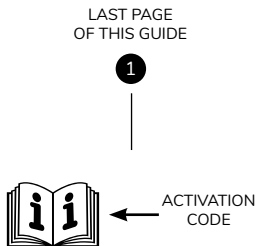
- the last page of this installation guide
- on battery compartment in keypad case behind the batteries

While adding your device to tedee app you can either:

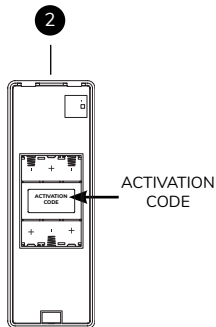
- scan the QR Code
- type in the AC manually (14 characters)

## Helpful tip

Before installing tedee keypad on the doorframe/wall, take a photo of your activation code and keep it.



REAR SIDE  
OF TEDEE KEYPAD

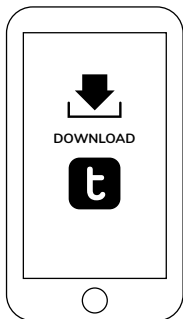


# setup – 4 easy steps

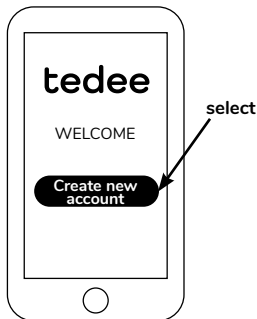
## step 1: download tedee app, create new account, and log in

(skip this step if you already have an account)

1 Download tedee application.



2 Create an account and log in.



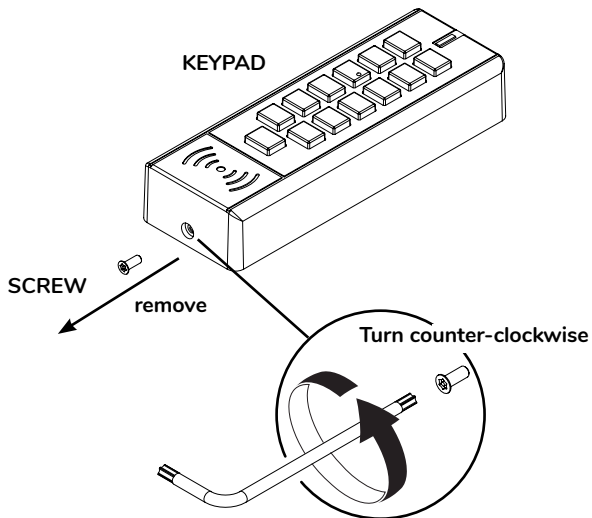
The registration page will open

	Android	iOS
Version	6.0 or higher	11.2 or higher
Connection	Internet and Bluetooth® 4.0 or higher	Internet and Bluetooth® 4.0 or higher

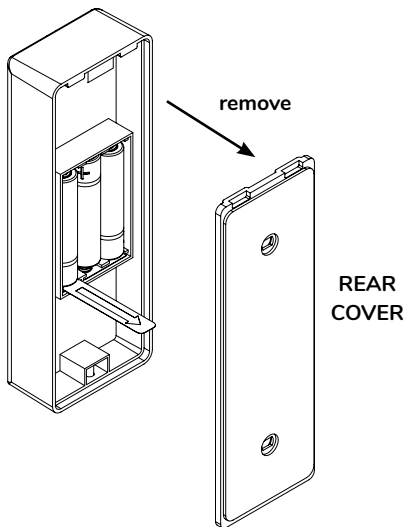


## step 2: power up your tedee keypad using batteries

- 1 Remove the screw mounting the rear cover using a Customized Torx key.

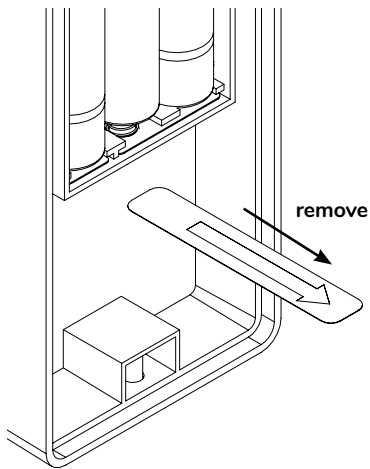
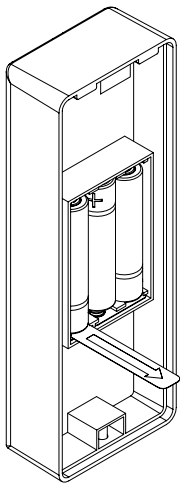


- 2 Remove the rear cover of tedee keypad.

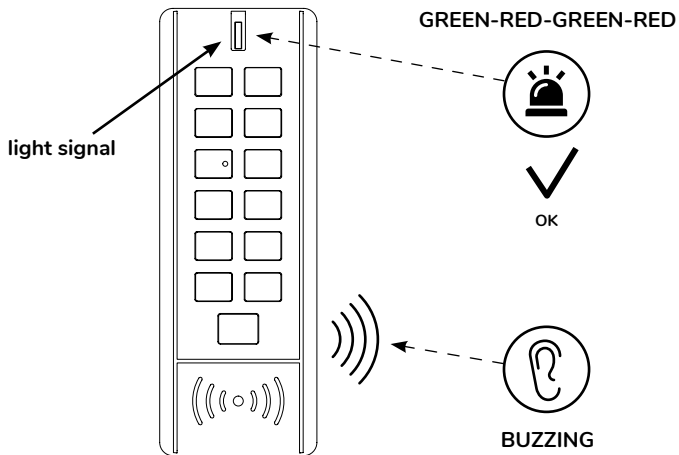


**Note:** The open the housing the cover must be leveraged.

- 3 Remove the insulation tape from the bottom of batteries.

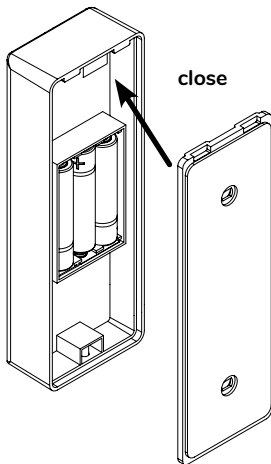


- 4 Check the light signal and the buzzer.

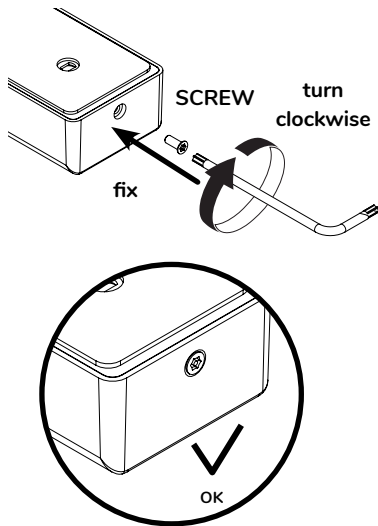


**Note:** When all 3 AAA batteries are inserted or the protective foil is removed, you will see the GREEN-RED-GREEN-RED flashing light signal and hear the buzzer. Your tedee keypad is ready to be activated in tedee app.

- 5 Close the keypad by placing the rear cover back.



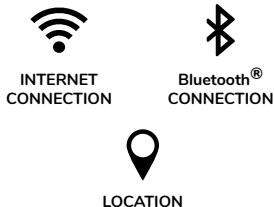
- 6 Fix the keypad housing with the screw using a Customized Torx key.



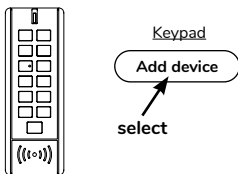


### step 3: use tedee app to activate your tedee keypad

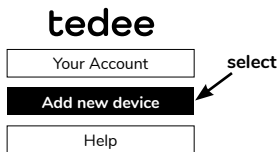
- 1 Enable Internet connection, Bluetooth<sup>®</sup>, and location on your smartphone.



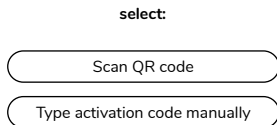
- 3 Select "Add device" in the keypad section.



- 2 Log into application and select "Add new device" option from the menu.



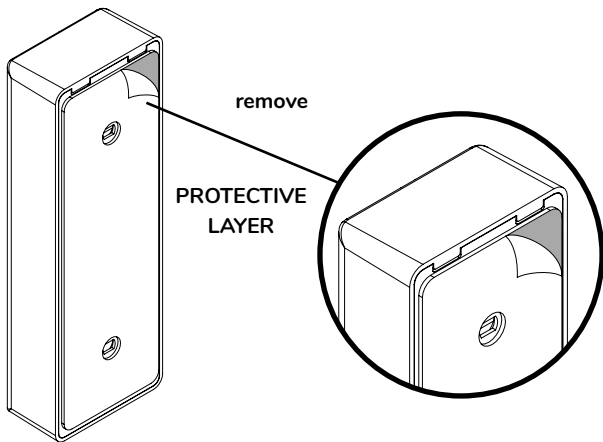
- 4 Provide activation code of your tedee keypad.



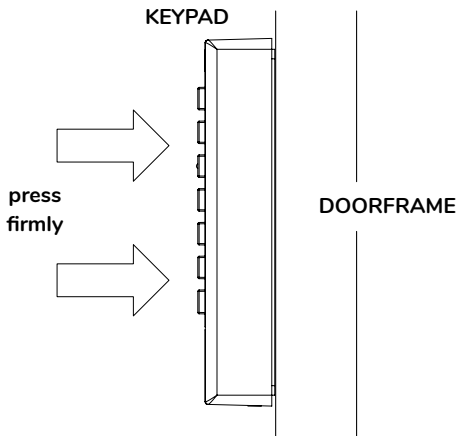
**Note:** After scanning the QR code or typing in the AC manually follow the instructions in the application.

## step 4: (option A) keypad installation with double-sided adhesive tape

- 1 Remove the protective layer from the adhesive tape to get the sticky side ready.



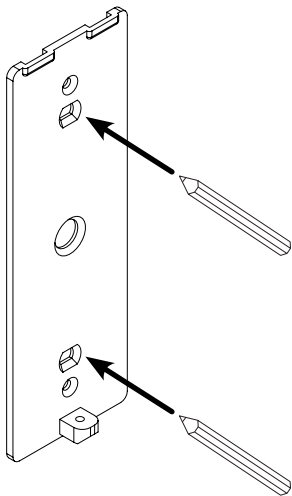
- 2 Install tedee keypad by sticking it to the surface in the desired location (doorframe, wall, etc.).



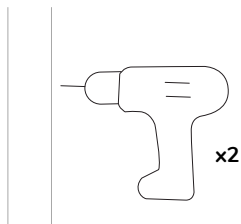
**Note:** Make sure to press the keypad firmly against the surface you're installing it on (doorframe, wall, etc.). While pressing avoid touching the buttons.

## step 4: (option B) keypad installation with wall-plugs

- 1 Press the back cover of the keypad against the wall. Use a pencil to mark the places for the wall plugs.



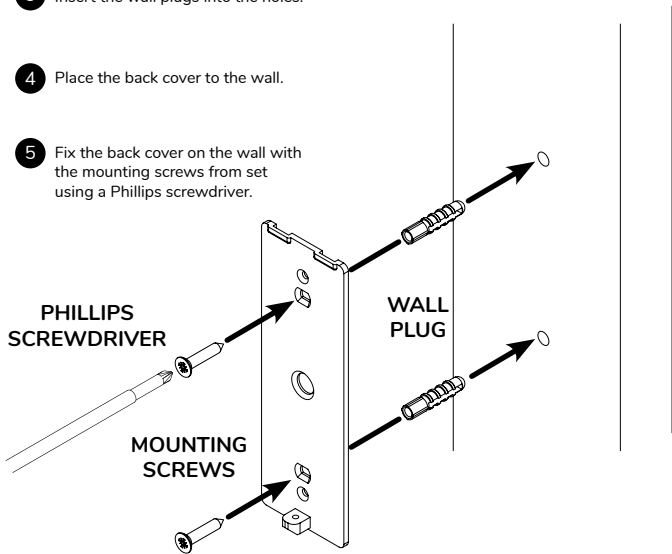
- 2 Drill two holes in the marked places.



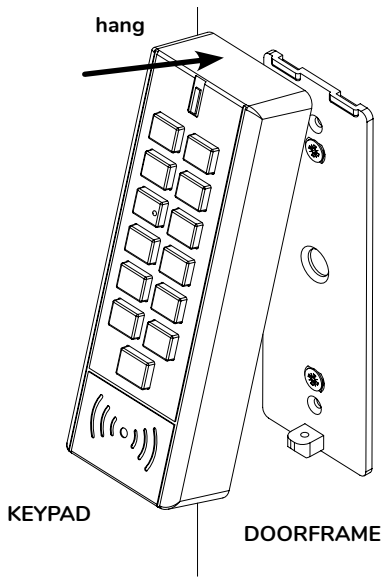
3 Insert the wall plugs into the holes.

4 Place the back cover to the wall.

5 Fix the back cover on the wall with the mounting screws from set using a Phillips screwdriver.

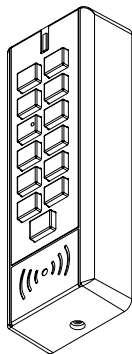


- 6 Hang the keypad on the back cover.



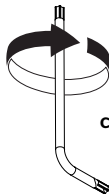
- 7 Fix the keypad housing with a screw using customized TORX key.

KEYPAD



DOORFRAME

SCREW

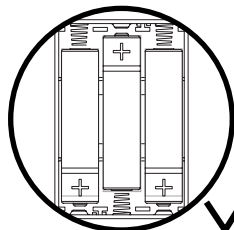
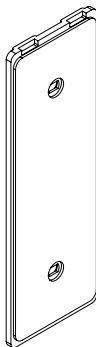
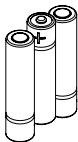
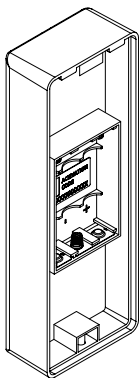


turn  
clockwise

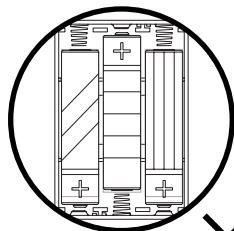


**Note:** Turn the customized TORX key clockwise until it stops.

## replacing batteries in tedee keypad



OK



NOT OK



**Note:** When replacing batteries in the device use only one type of batteries (do not mix).



# technical information

## technical specifications



### tedee keypad

Model	TKV1.0	Power supply	3 batteries AAA
Weight	ca. 120g (device) ca. 155g with batteries	Bluetooth® communication	BLE 5.0 2.4GHz
Dimensions	135 x 48 x 28 mm		
Operating temperature	from -30°C to 60°C	Security	TLS 1.3
Operating humidity	maximum 95%	Can be paired with	tedee lock, tedee bridge
Origin	Poland, EU	Recommended setup	max. 2 meters from tedee lock max. 2 meters from tedee bridge
Production batch number	Additional information: The production batch number of your device is the first eight characters of the "Device Serial Number (S / N)" visible on the label on the package and the label on the device itself. For example, the production batch number of the device with the "Device Serial Number (S / N)" 10101010-000001 is 10101010.		
Marking of color variants	The color variant of the product is marked with a letter at the end of the model name, on the label and on the product rating plate. For example, a device with model TKV1.0 in color variant A is marked as "TKV1.0A".		

## radio frequency



Tedee keypad is equipped with one radio interface: Bluetooth BLE 5.0 2,4GHz.

Interface:	Frequency range:	Applies to model:
Bluetooth® BLE 5.0 2,4GHz	from 2.4GHz to 2.483GHz	TKV1.0

## power supply



To use tedee keypad, it must be powered by 3 batteries at all times.  
Tedee does not take responsibility of any batteries other than provided or recommended by tedee.

## software



The current software version is visible in the tedee application: device / settings / general / software version.


Tedee keypad software can be updated in two ways: automatically or manually.

Tedee keypad automatically checks for the latest software updates when a Wi-Fi® network is connected to the Internet. In the event of a network failure or communication error, you can directly update the software using tedee app (Internet and Bluetooth® connections are required).


You can also check the latest available software updates directly in tedee app: device / settings / general / software version.

Please report any problems with the application that may occur during use (such as login errors or application hangs) to Tedee technical support by email at [support@tedee.com](mailto:support@tedee.com), at [www.tedee.com/support](http://www.tedee.com/support) or by phone at (+48) 884 088 011 Monday to Friday during business hours from 8:00 to 16:00 (CET).

## factory reset

- Step 1: remove batteries and insert them again
- Step 2: press "C" and  buttons at the same time and keep them pressed until red LED lights up
- Step 3: release both buttons to trigger factory reset (3 blinks of red LED will confirm it)
- Step 4: tedee keypad will restart

## light and sound signals

Meaning (action)	Light (color)	Light signal (type)	Sound signal	Additional Information
Initialization	Green /Red	constant keyboard illumination and sequential RED-GREEN-RED-GREEN light for 5 seconds (LED)	success melody (3 ascending short tones)	Occurs when all batteries are placed correctly in the device and the power is on.
Pairing successful	Green	1 short flash	success melody (3 ascending short tones)	Confirms the completion of successful pairing with other tedee devices.
Button pressed	-	constant keyboard illumination	1 short beep	Occurs when any digit button (0-9) is pressed or when "C" or  buttons are pressed following previously entered digits (0-9).
PIN correct	Green	constant light for 2 seconds (LED)	success melody (3 ascending short tones)	Occurs when the PIN number is entered correctly.

PIN incorrect	Red	constant light for 2 seconds (LED)	failure melody (2 long tones)	Occurs when the PIN number is entered incorrectly.
Attempt of connection	Green	pulsating light (LED)	no signal	Signals an attempt to establish connection with lock (only when entering PIN).
PIN cleared	-	keyboard illumination fadeout	1 short beep	Occurs when the „C” button is pressed.(only if any digits were previously entered)
Low battery	Red	3 short flashes (LED) repeated every 5 seconds	no signal	Your batteries require replacement.
Error	Red	3 short flashes (LED)	1 short tone	Signals connection timeout/failure or pairing error.
Keypad blocked	Red	3 short flashes (LED)	no signal	Occurs when any button is pressed while keypad is blocked by too many PIN errors.
Factory reset confirmed	Red	3 short flashes (LED)	no signal	Occurs when the “C” and  buttons are released while triggering factory reset procedure.
Hardware error	Red	various combinations of short and long LED light signals	no signal	Please contact tedee support team.

# compliance and warranty information

## legal / environmental notes



### EU Declaration of Conformity

Tedee Sp. z o.o. hereby declares that the Tedee Keypad TKV1.0 radio device is in accordance with Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at the following internet address: [www.tedee.com/compliance](http://www.tedee.com/compliance)

### WEEE / RoHS

To prevent potential negative impact on the environment, consult your local laws and regulations for the proper disposal of electronic devices and batteries in your country. **Disposal of batteries** – if your tedee device contains batteries, do not dispose them with regular household waste. Hand them over to an appropriate recycling facility or a collection point. Batteries used in tedee devices do not contain mercury, cadmium, or lead above the levels specified in 2006/66/EC Directive. **Disposal of electronics** – do not dispose your tedee device with regular household waste. Hand it over to an appropriate recycling facility or a collection point.

### Bluetooth®

The Bluetooth® word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Tedee Sp. z o.o. is under licence. Other trademarks and trade names are those of their respective owners.

## warranty



**Tedee limited hardware warranty** - Tedee Sp. z o.o. warrants that tedee devices are free from hardware defects in materials and workmanship for the period of not less than 2 years from the date of the first retail purchase. Tedee Sp. z o.o. does not take responsibility for the misuse of devices (including methods of charging other than described in this booklet), especially if any changes or modifications to the device hardware or software which are not approved, recommended, or provided by tedee, have been undertaken by the user. Full warranty information is available at the following link: [www.tedee.com/warranty](http://www.tedee.com/warranty)

technical support



**For technical support please contact our support team**



[support@tedee.com](mailto:support@tedee.com)



[www.tedee.com/support](http://www.tedee.com/support)



(+48) 884 088 011  
Mon-Fri  
8am – 4pm (CET)

# tedee

Tedee Sp. z o.o. | ul. Altowa 2, 02-386 Warszawa, POLAND  
[www.tedee.com](http://www.tedee.com) | [support@tedee.com](mailto:support@tedee.com)

## your activation code (AC)

**Note:** the activation code is case-sensitive. When typing it in, please pay attention to capital / small letters.