

# flinkey



## **QUICK START GUIDE FLINKEY BOX AND FLINKEY IQ**



CE



The full instructions  
can be found on our website.

For questions, information or ordering user  
instructions, please contact the manufacturer:

WITTE Digital  
**WITTE-Velbert GmbH & Co. KG**  
Höferstraße 3-15  
42551 Velbert  
Germany

T: 00 800 99 0000 33

[service@witte.digital](mailto:service@witte.digital)  
[www.witte.digital](http://www.witte.digital)

[service@flinkey.de](mailto:service@flinkey.de)  
[www.flinkey.de](http://www.flinkey.de)

# **Quick Start Guide**

flinkey Box and flinkey IQ



# Introduction

Congratulations on the purchase of the flinkey Box and/or flinkey IQ. This quick start guide This quick start guide is part of these products. Please familiarize yourself with all the included information before using the vehicle and the flinkey products. The products must only be used as described in this manual and for the specified application scenarios.

## Intended use and reasonably foreseeable misuse

The flinkey Box is intended to be used as a product to access passenger vehicles, commercial vehicles and transporters. The product is intended to be used together with the flinkey App, that needs to be installed on a mobile device. The Box shall be used in all supported vehicles only (see [www.flinkey.de](http://www.flinkey.de) or [portal.witte.digital](http://portal.witte.digital)) for supported vehicles.

The flinkey IQ is intended to be used as a device to collect telematics data. The flinkey IQ is intended for business users only.

The products should not be used in vehicles where they cannot be stored in a closed and safe location where they could be subject to weather influences or theft. The products are not intended to be used for other purposes than those described above.

The products must only be used with the following original accessories, software and components:

- flinkey App (in Apple App store or Google Play store)
- Hook-and-loop fastener (strips)
- 12V vehicle adapter (1,8m)
- WITTE Digital portal (for business users)

The products may only be used according to the instructions as described in this manual. All use other than described in this manual is seen as unintended use.

# Technical data

## flinkey Box

System name	flinkey
Type	flinkey Box
Design	2.4
Year	2018
Voltage	12V
Power (standby)	14mW (battery)
Power (operation)	20W max. (battery)
External power (battery charging)	22W max.
Expiry date batteries	Up to 2000 times recharging/6 years
External power (battery charged)	Approx. 220 mW
Radio technology	BLE (Bluetooth Low Energy)
Radio frequency	2.4GHz ISMBand
Operating temperature range	-20°C to +60°C
Max. relative humidity	Max 50% at +60°C
Protection class	IP31
Weight	0.91kg
Dimensions	148 x 135 x 79.5 mm

### **flinkey IQ**

System name	flinkey
Type	flinkey IQ
Voltage	12V and 24V
Operating mode	60-300mA
Operating mode +IOX	Up to 2A
Sleep mode	2.5mA



# Important Safety Information



Please take the time to read the general safety instructions. Follow all instructions. This will avoid fire, explosions, electric shocks or other hazards that may result in damage to property and/or severe or fatal injuries.

Please read all safety information and instructions. The manufacturer is not liable for cases of material damage or personal injury caused by incorrect handling or non-compliance with the safety instructions. In such cases, the warranty will be voided.

Keep all safety information and instructions for future reference and pass them on to subsequent users of the system.

The system is intended for use in supported vehicles only, see [www.flinkey.de](http://www.flinkey.de) or [portal.witte.digital](http://portal.witte.digital).

This system is not intended for use by persons (including children) with restricted physical, sensory or intellectual capability or lack of experience and/or knowledge, unless they are supervised by a person who is responsible for their safety or provides them with instructions on how to use the system. Children should be supervised in order to ensure that they do not play with the system.

Use the system within the specified performance limits.



Do not expose the system to fire, explosions or other hazards.

Only a skilled person may carry out the installation and the initial activation.  
All local regulations must be followed.

Always protect the flinkey Box from direct sunlight and never place the flinkey Box in direct light.

Always make sure the flinkey Box is positioned safely in the vehicle. Make sure that the flinkey Box does not cause any risks to the drivers or passengers. Without sufficient fixing the flinkey Box can cause hazards for the vehicle driver or passengers in case of a full brake application (i.e. head injuries).

To avoid overheating, do not cover the device, do not use near heat sources or in direct sunlight and only at ambient temperatures of between -20°C and +60°C. Be vigilant at all times, and always be careful with what you are doing. Do not use electrical equipment if you are lacking in concentration or awareness, or are under the influence of drugs, alcohol or medication. Even a moment of inattentiveness can lead to serious accidents and injuries when using electrical equipment.

The key bed in the keyfob drawer is designed to match the intended keyfob only. Only place the original and intended keyfob in the keyfob drawer and make sure to place it in the correct position.

Be careful when closing the drawer of the flinkey Box. Risk of crushing fingers!

Never touch the flinkey Box or the components with wet hands.

Do not use the flinkey Box until the battery is completely empty. Charge your flinkey Box on time! In the event of an empty battery, it will take while before the LEDs are operating normally when charging the Box.

The system must be stored in a dry place between -20°C and +60°C.

Do not attempt to open, modify or repair the flinkey Box. Do not drop, puncture, break or expose to high pressure. Do not attempt to replace the batteries. Beware, the risk of explosion when replacing an incorrect type of battery.

Alterations to the products and technical modifications are not permitted.

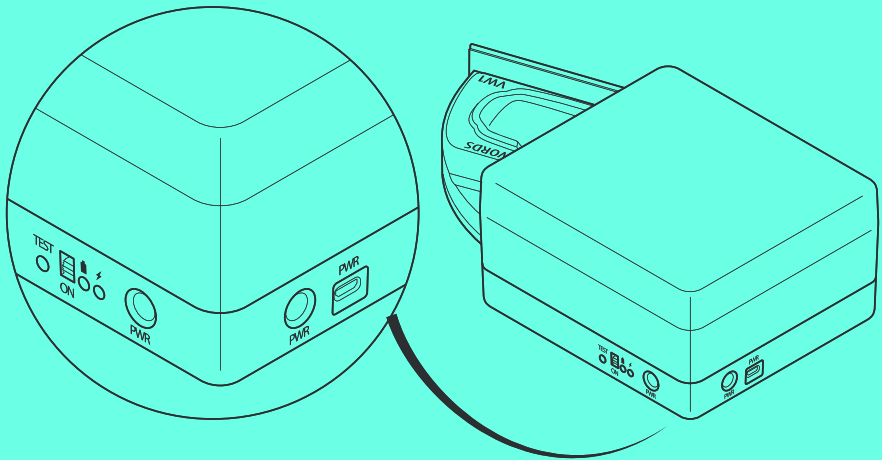
## **NOTICE**

This product does not contain any user-serviceable parts. Configuration, servicing, and repairs must only be made by an authorized reseller or installer.

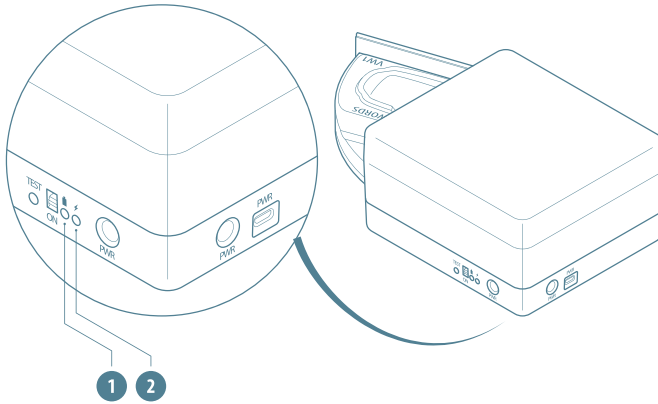
Do not attempt to replace the batteries. Beware, the risk of explosion when replacing an incorrect type of battery. Handle the used batteries according to the manufacturer's instructions.



# Visual Signals






# Visual signals flinkey Box



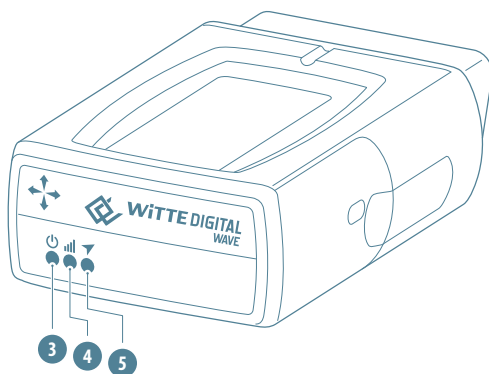
Battery indicator	Battery level (%)	Stand by	Normal operation	Recommended action
●	60 ÷ 100 %	> 3 weeks	1 ÷ 2 weeks	No action needed
●	30 ÷ 60 %	1 ÷ 2 weeks	3 ÷ 10 days	Watch the battery's state, good to go for charging
●	1 ÷ 30 %	< 1 week	max. 2 days	Go for charging
●	< 1 %	No operation is possible	No operation is possible	Charging needed! Even for only storage of the flinkey Box (protection of batteries)







## Visual signals battery indicator 1

Charging LED	Meaning
	Battery is charging
	Battery is slow charging
	Battery is not charging

Visual signals charging LED <sup>2</sup>

## Visual signals flinkey IQ



	Power	
	Battery	
	GPS	



# Using the flinke System

## 1. Perform a safety check:

- a. Make sure that the **flinke Box** has been placed safely in the vehicle. The **flinke Box** has been placed safely when it is at an easily accessible location (for example in the trunk, feet area or glove department) where the **flinke Box** does not cause any risks to the driver(s) or passenger(s).
- b. Make sure that the **flinke Box** is not on a location in direct sunlight or where the **flinke Box** is in direct sight.

## 2. To unlock a vehicle:

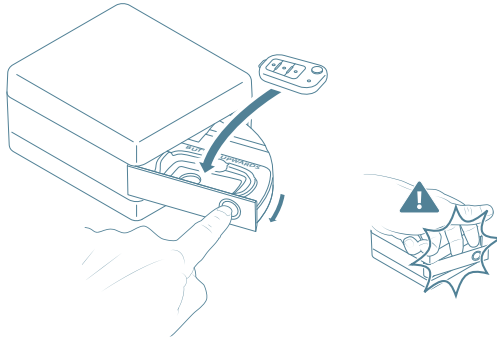
- a. Make sure you have enabled Bluetooth on your mobile device.
- b. Make sure you have downloaded and installed the **flinke App**.
- c. Make sure you have created an account.
- d. Make sure you are a registered user and that you are logged in.
- e. Make sure you have received access rights to the vehicle (if not your own).
- f. Make sure to be within a distance of 0-15 meters of the vehicle.

## NOTICE

The distance within which the flinke Box can be controlled is strongly dependent on factors like the shielding of the car, type of smartphone or Bluetooth traffic.

- g. Open the **flinke App**.
- h. Tap the **unlock button** to unlock the vehicle selected. The **flinke Box** will unlock the vehicle and will release the **drawer** so it can be opened.
- i. Access the vehicle.

- j. In case there is no automatic start/stop button in the vehicle, do the following:
  - i. Locate the **flinkey Box** in the vehicle.
  - ii. Open the **keyfob drawer 1** of the **flinkey Box**.
  - iii. Take out the key. Close the **keyfob drawer 1**.



## CAUTION

Be careful when closing the drawer of the flinkey Box. Risk of crushing fingers!



- k. Make sure that the **flinkey Box 2** is connected to any 12V socket in the vehicle to enable charging while driving.
  - l. You are ready to use the vehicle.
- 3. To lock a vehicle:**
- a. Make sure you have stopped the engine of the vehicle.
  - b. Open the **keyfob drawer 1** of the **flinkey Box**.
  - c. Position the keyfob in the **keyfob drawer 1**.
  - d. Close the **keyfob drawer 1**.

## NOTICE

The key bed in the keyfob drawer is designed to match the intended keyfob only. Only place the original and intended keyfob in the keyfob drawer and make sure to place it in the correct position. Do not place any remakes of the keyfob in the keyfob drawer to prevent the risk of malfunctioning or jamming of the keyfob.

## CAUTION

Be careful when closing the drawer of the flinkey Box. Risk of crushing fingers!

- e. Make sure that the **flinkey Box**  is connected to any 12V socket in the vehicle.
- f. Make sure that the **on/off switch**  is in the “ON” position.
- g. Get out of the vehicle.
- h. Close all doors.
- i. Open the **flinkey App**.
- j. Tap **lock button** to lock both the vehicle selected and the **keyfob drawer** of the flinkey Box.
- k. Make sure that the vehicle is properly locked.





# Declaration of Conformity and Compliance

Hereby, WITTE Automotive GmbH declares that the flinkey Box is in compliance with the Directives 2014/30/EU and 2011/65/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.witte.digital](http://www.witte.digital)

The flinkey Box has an ECE Approval regard to Regulation No. 10 issued by the SNCH (Approval N° E13\*10R00\*10R05\*14342\*00).

flinkey



**FLINKEY SMARTER**



**FLINKEY BOX**



**FLINKEY IQ**



**T: 00 800 99 0000 33**  
**support@witte.digital**  
**www.witte.digital**  
**service@flinkey.de**  
**www.flinkey.de**