

KFVkeyless.

Bluetooth access control system with keypad.

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1 Scope of delivery

Please check whether the scope of delivery is complete on receipt. The scope of delivery comprises:

- KfVkeyless module
- Front panel
- Rubber sealing ring
- Operating instructions
- **Sealed envelope with adhered** default PIN and serial number
- Relay cable with RJ10 connector / 3 connection cables

Please check that the envelope has not been opened! It should only be opened by the end user following a successful function test on the programming of the module.

1.1 Door PIN, Delete PIN and serial number of the KfVkeyless module

Attention: Please keep the two labels contained in the envelope together with the security-related PIN code in a safe location and do not make the code available to unauthorised persons under any circumstances!

You will require the listed PIN codes for all programming. Operation of the device is not possible without these PIN codes!

We recommend that you stick one of the two labels inside the box and keep these operating instructions together with the PIN code label in a secure location.

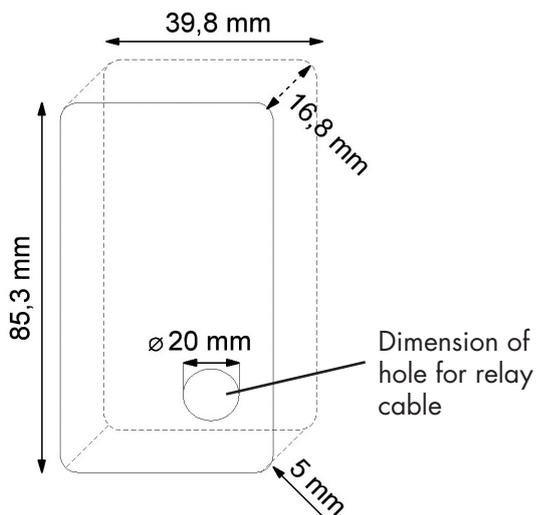


2 Installation

The KFVkeyless module can with be adhered directly to the door sash or to the wall beside the door.

2.1 Cut-out template

The following cut-out must be prepared for the installation of the KFVkeyless module:



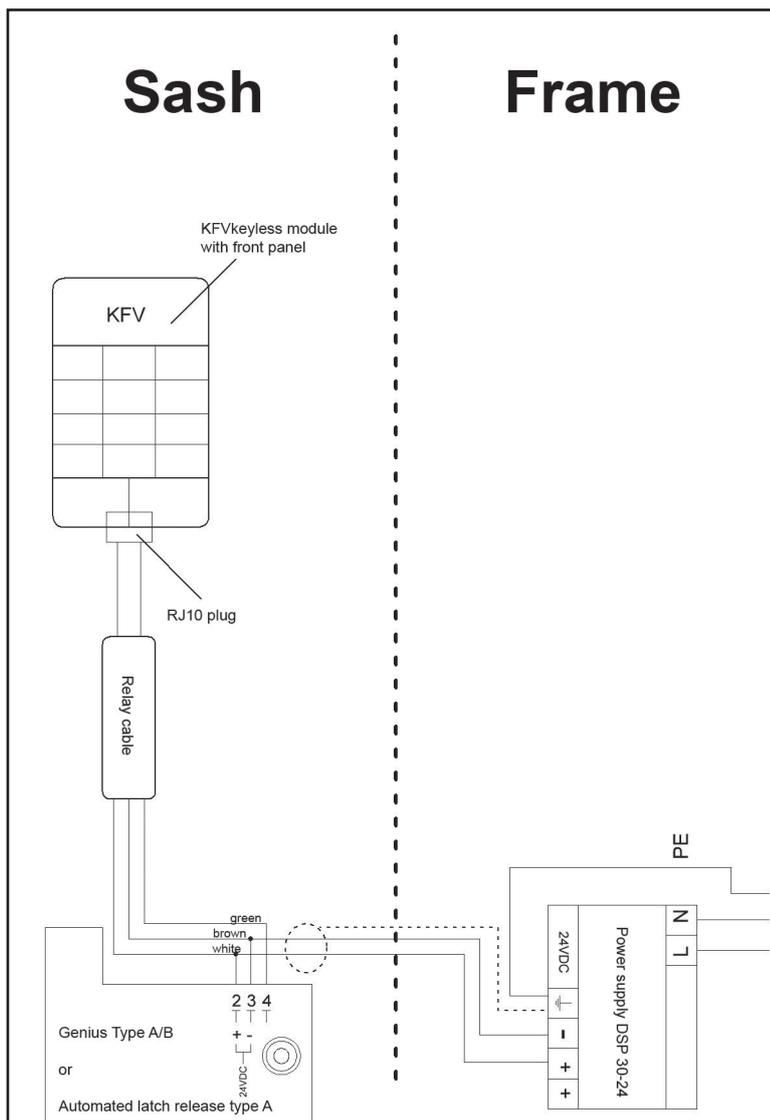
2.2 Installation of KfVkeyless module in the door sash

Attention! The power must be disconnected throughout the installation of the entire system.

Holes of 20 mm in diameter should be drilled into the door sash in order to install the 1.5 m long relay cable supplied with the system.

To ensure correct installation, please follow the steps below:

1. Switch off the supply voltage at the terminal.
2. Route relay cable according to wiring diagram (see diagrams below).
3. Connect the white cable with +24 V DC.
4. Connect the brown cable to the minus terminal.
5. Connect the green cable to terminal 4 of the KfV GENIUS or the KfV A opener.
6. Remove the front panel of the KfVkeyless module by pushing it upwards.
7. Position the black rubber sealing ring over the KfVkeyless module from the rear.
8. Clip the RJ10 plug into the corresponding bush of the KfVkeyless module.
9. Fit the KfVkeyless module into the prepared cut-out.
10. Fix the KfVkeyless module using the four side spring clips.
11. Screw the front panel onto the KfVkeyless module again from the top.
12. Switch on the supply voltage at the power supply.



Attention!

It is essential to connect the shield of the cable on the power supply side with the connecting terminal provided (\perp) and also the earth connection (PE) with the earthing terminal!

Green	Switching pulse
Brown	24 V DC Supply voltage Minus
White	24 V DC Supply voltage Plus

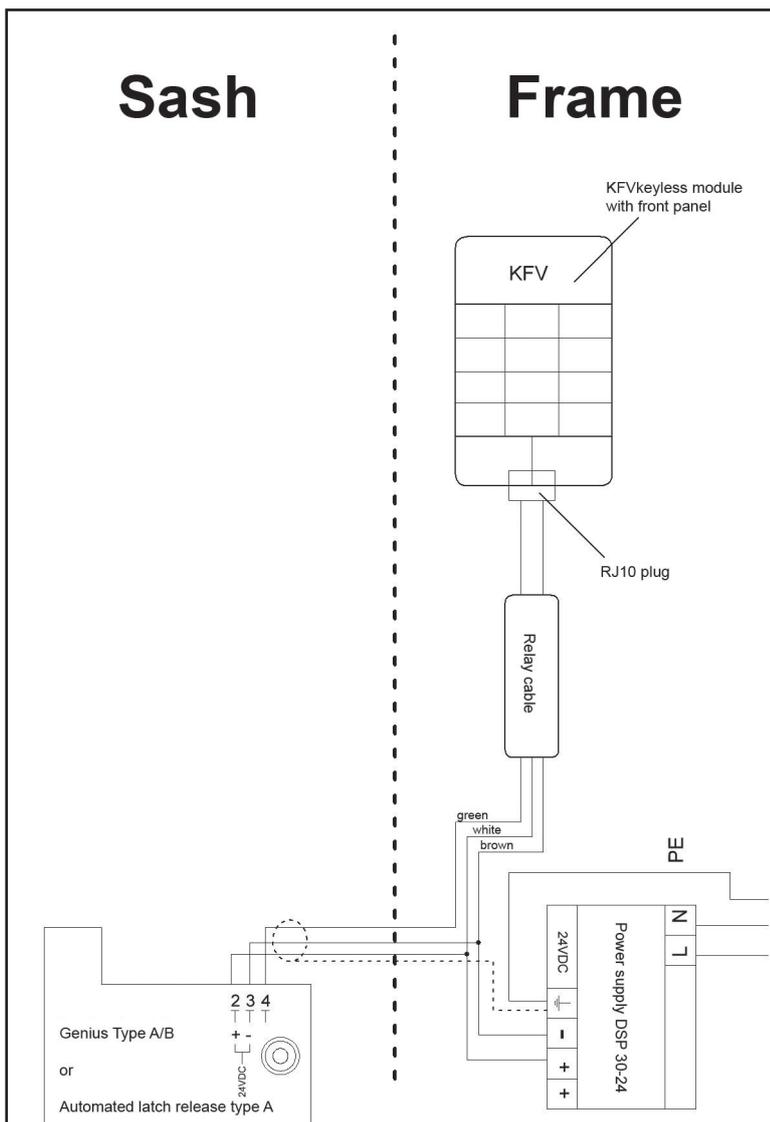
2.3 Installation of KFVkeyless module in the frame

Attention! The power must be disconnected throughout the installation of the entire system.

Holes of 20 mm in diameter should be drilled into the door sash in order to install the 1.5 m long relay cable supplied with the system.

To ensure correct installation, please follow the steps below:

1. Switch off the supply voltage at the terminal.
2. Route relay cable according to wiring diagram (see diagrams below).
3. Connect the white cable with +24 V DC.
4. Connect the brown cable to the minus terminal.
5. Connect the green cable to terminal 4 of the KFV GENIUS or the KFV A opener.
6. Remove the front panel of the KFVkeyless module by pushing it upwards.
7. Position the black rubber sealing ring over the KFVkeyless module from the rear.
8. Clip the RJ10 plug into the corresponding bush of the KFVkeyless module.
9. Fit the KFVkeyless module into the prepared cut-out.
10. Fix the KFVkeyless module using the four side spring clips.
11. Screw the front panel onto the KFVkeyless module again from the top.
12. Switch on the supply voltage at the power supply.



Attention!

It is essential to connect the shield of the cable on the power supply side with the connecting terminal provided (\perp) and also the earth connection (PE) with the earthing terminal!

Green	Switching pulse
Brown	24 V DC Supply voltage Minus
White	24 V DC Supply voltage Plus

2.4 Function test using Default PIN

A default PIN is specified on the label on the sealed envelope to enable the performance of a function test following successful installation of the device. After switching on the power supply, enter the Default PIN and confirm the entry by pressing the "OK" button.

The correct installation and correct entry of the Default PIN triggers an opening pulse and the door is opened. (The Default PIN is deleted after the Door PIN has been entered once.)

The end customer can now begin programming the KFVkeyless module.

3 Managing Users

Lighting and tone signals				
 LED lights up	 LED off	 3 ascending tones	 A prolonged lower-pitched tone	
 LED flashes or flickers	 2 ascending tones	 A prolonged high-pitched tone	 A brief high-pitched tone	

3.1 Keypad code users

Up to 24 keyboard codes can be taught to the KFVkeyless. These codes must consist of at least 4 and a maximum of 10 digits.

3.1.1 Teaching in the keyboard code

Follow the next steps to teach in a keyboard code.

Attention:

- On repetition of the procedure with the same keyboard code, the keyboard code will be deleted (see chapter 3.1.2).
- A keyboard code, which has already been saved via the optional KFV App, cannot be taught in.
- The door PIN cannot be saved as a keyboard code.
- The programming mode is exited automatically after 3 min without any input.
- After teaching in the maximum number of 24 keyboard codes, the teaching of Bluetooth devices and/or access via app is no longer possible!

	Teaching in a CODE	Beeper	Lighting
1.	Enter 6-digit Door PIN on the keyboard. Confirm procedure with OK .	Depending on the mode selected	
	The programming mode initialises itself.	Single prolonged high-pitched beep 	
2.	The programming mode is activated.	2 ascending tones 	
	IMPORTANT: Wait until a tone sequence of 2 ascending tones has been emitted and the blue LEDs stop flashing before you enter the desired keyboard code!		
	Enter the desired keypad code.	Beep when key is pressed	
3.	Confirm procedure with OK. The keyboard code has been successfully saved.	2 x 2 ascending tones 	
	The programming mode has been exited automatically.	—	—
	The door unlocks.	—	—

3.1.2 Deleting a keyboard code

Follow the following steps to delete a keyboard code via the keyboard. To delete a keypad code via the app, see chapter 5.4.3.

	Delete CODE	Beeper	Lighting
1.	Enter 6-digit Door PIN on the keyboard. Confirm procedure with OK.	Depending on the mode selected	
	The programming mode initialises itself.	Single prolonged high-pitched beep 	
	The programming mode is activated.	2 ascending tones 	
	IMPORTANT: Wait until a tone sequence of 2 ascending tones has been emitted and the blue LEDs stop flashing before you enter the desired keyboard code!		
2.	Enter the keyboard code to be deleted.	Beep when key is pressed	
3.	Confirm procedure with OK. The keyboard code has been successfully saved.	3 ascending tones 	
	The programming mode has been exited automatically.	—	—

Note: If a keyboard code is deleted that has been assigned to a mobile phone user via the app, this mobile phone user will continue to exist. Only the keyboard code has been deleted.

3.1.3 Assigning a keypad code to a mobile phone user

A keyboard code can only be assigned to a mobile phone used via app. See chapter 5.4.2. for further information.

3.2 Mobile phone users

You can assign a total of six bluetooth-enabled mobile phones to the KFVkeyless.

3.2.1 Teaching in a mobile phone

Follow the next steps to teach a bluetooth-enabled mobile phone:

	Teaching in a mobile phone	Beeper	Lighting
1.	Switch on Bluetooth on your mobile phone.		
2.	Enter 6-digit door PIN on the keyboard code. Confirm procedure with OK .	Depending on the mode selected	
	The programming mode initialises itself.	Single prolonged high beep 	
	The programming mode is active.	2 ascending tones 	
3.	Search for the " KFVkeyless " device in the Bluetooth settings on your mobile phone and select it. Note: It is possible that the device is displayed as "Headset" or with its MAC address.		
4.	Connecting your mobile phone to " KFVkeyless ". To do this, type in your 6-digit door PIN and confirm with OK .		
	The mobile phone has been successfully taught in. Note: The error message "Connection failed" must be acknowledged with "OK" in Apple devices.	2 x 2 ascending tones 	
	The door unlocks.	—	—
	The programming mode has been exited automatically.	—	—

Tip: If you want to manage the mobile phone users via the app, first allocate a name to the new mobile phone user via the app, before you teach in further mobile phones. In this way you can avoid any mix-up between users.

The managing of the newly taught in mobile phone user can be done via the app which has been specially developed for this purpose (see chapter 5).

3.2.2 Deleting a mobile phone

To delete a mobile phone, follow the steps specified in the following table or use the app (see chapter 5.4.7).

Note: Deleting the connection with the "KfVkeyless" device in the Bluetooth settings on your mobile phone is not enough to delete the mobile phone properly from the module. You will find more information on this in chapter 3.2.4.

	Deleting a mobile phone	Beeper	Lighting
1.	Switch on Bluetooth on the mobile phone.		
2.	Enter 6-digit Door PIN on the keyboard. Confirm procedure with OK .	Depending on the mode selected	
	The programming mode initialises itself.	Single prolonged high-pitched beep 	
	The programming mode is active.	2 ascending tones 	
3.	Search for the " delete.KfVkeyless " device in the Bluetooth settings on your mobile phone and select it.		
4.	Connect your mobile phone to " delete.KfVkeyless ". To do this, type in the Delete PIN and confirm with OK . The Delete PIN is specified on the label included in the delivery.		
	The mobile phone has been successfully deleted.	3 ascending tones 	
	The programming mode has been exited automatically.	—	—

3.2.3 Deleting all mobile phones

A Factory Default (complete deletion of memory) can be carried out to delete all mobile phones and simultaneously reset all settings. See chapter 7 "Reset" for further information.

3.2.4 Teaching in unilaterally disconnected device again

If you only delete the connection with the "KFVkeyless" device in the Bluetooth settings on your mobile phone, it is no longer possible to open the door, however, the connection is not deleted in the module. This means that as soon as you and your mobile phone are in the range of the module and Bluetooth is switched on on your mobile phone, you will receive a new pairing request on your mobile phone. The following steps show how you can teach in your mobile phone to the module again.

The mobile phone must be deleted in the module if the further teaching in of the mobile phone and the recurrence of another pairing request on the phone are not required. See chapter 3.2.2. for further information.

	New Link Key	Beeper	Lighting
	Requirements: – Bluetooth is activated on your mobile phone. – You are within the range of the module. – You have received a pairing request on the mobile phone.		
1.	Type the 6-digit door PIN of the relevant module into the input field of the pairing request on the Smartphone. Confirm procedure with OK .		
	The mobile phone has been successfully taught in.	2 x 	
	The programming mode has been exited automatically.	—	—
	The door unlocks.	—	—

3.2.5 Blocking mobile phone user (not deleting!)

The **blocking** of a code or a user can only be carried out via the app. See chapter 5.4.6. for further information

4 Settings

The majority of the KFVkeyless settings can only be undertaken via our app which was specially developed for this purpose (see chapter 5).

4.1 Duration of re-activation

The reactivation of KFVkeyless takes 2 seconds.

4.2 Setting user-specific range/touch function

A user-specific setting of the range and/or the touch function for opening the door can only be carried out via app. See chapter 5.4.4. and 5.4.5. for further information

4.3 Setting lighting

The setting of the lighting mode can only be undertaken via **app**. See chapter 5.3.3. for further information

4.4 Setting beeper

The setting of the beeper can only be carried out **via app**. See chapter 5.3.4. for further information.

5 App

We recommend using the app for simple and quick adjustment of the settings and for managing users. This app can also be used to perform user-specific settings.

The KFVkeyless app is compatible from iPhone version 4S upwards. For mobile phones with Android operating systems, Bluetooth-Standard Version 4.0 low energy support is required. Up to 6 doors can be administered via app.

Important information:

1. You and your Smartphone must be within the range of the KFVkeyless for the administration of the KFVkeyless and its users via app.
2. KFVkeyless remains in programming mode from the last keystroke on the keyboard or in the app.
3. As long as there is a connection between the app and KFVkeyless, set to programming mode, the door can be opened via the menu item "Open door".
4. Access to KFVkeyless via the app on KFVkeyless cannot be gained from several devices simultaneously.

5.1 Setting up App – 1. Introduction

To use the app for KFVkeyless, you must first set it up as described below:

1. Load the purchased app into your Smartphone. The app is available under the name "KFVkeyless" for iPhones and Android Smartphones in the relevant Appstore.
2. Switch on Bluetooth on your mobile phone.
3. Start the app. (a license check is carried out with Android, an Internet connection is required for this.)
4. Click the "Setup" button.
5. Enter your chosen password (max. 15 digits) and confirm.
6. You can now use the app to manage the module and the users. (see following chapter)

5.2 Setting up a door in app

This module must be set up as a door in the app in order to manage KFVkeyless and its users. The necessary steps are described in detail in the table below.

Note: It is not essential to teach in your mobile phone as described in chapter 3.2.1, to set up a door in the app with your Smartphone. This can also be done in the course of the "Set up a door" function via the app.

However, for iPhones, we recommend that you first teach in the mobile phone in accordance with chapter 3.2.1.

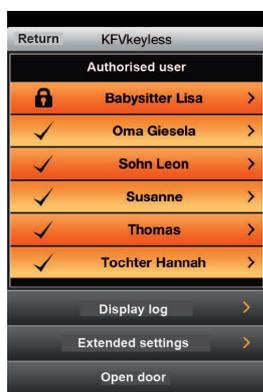
	Setting up a door	Beeper	Lighting	
1.	Switch on Bluetooth on your mobile phone.			
2.	Start the app on your Smartphone and log in.			
3.	Enter 6-digit Door PIN on the keyboard. Confirm procedure with OK .	Depending on mode selected.	 ○ ○ when key is pressed	
	The programming mode initialises itself.	Single prolonged high-pitched beep 	 ○ ○	
	The programming mode is activated.	2 ascending tones 	  	
4.	Click on "Set up a door" in the door selection of the app. A search is now made for available modules in the range.			
5.	Select the available device "KFVkeyless" (on iPhone: "config.KFVkeyless").			
6.	You will now be asked to enter the 6-digit door PIN of the selected device. Confirm procedure with OK .			
	Attention: The following steps vary according to the situation and mobile. (4 possibilities)			
Android	Android smartphone Mobile phone user already created	The door is now set up in the app.		
	or			
Android	Android smartphone Mobile phone user not yet created	The Smartphone has been taught in.	2 ascending tones 	  ○
		The door unlocks.	2 ascending tones 	Depending on the mode selected
		The programming mode has been exited.		
		You will now be asked to enter the 6-digit door PIN of the selected device again. Confirm procedure with OK .		
		The door is now set up in the app.		
or				
iPhone	iPhone mobile phone user already created	The door is now set up in the app.		
		You will now be asked to enter the 6-digit door PIN of the selected device again. Confirm procedure with OK .		
		The iPhone is now set up as an app user.	2 ascending tones 	  ○
		The door unlocks.	2 ascending tones 	Depending on the mode selected
		The programming mode has been exited.		
or				
iPhone	iPhone mobile phone user not yet created	The door is now set up in the app.		
		You will now be asked to enter the 6-digit door PIN of the selected device again. Confirm procedure with OK .		
		The iPhone is now set up as an app user.	2 ascending tones 	  ○
		The programming mode has been exited.		
		Note: The iPhone can not yet be used to open doors. (see next step)		
		Re-start the programming mode on the module. Now go to the Bluetooth settings on your iPhone (with Bluetooth activated). Select "config.KFVkeyless" . You will now be asked to enter the 6-digit door PIN of the device again. Confirm procedure with OK .		

	The iPhone is now authorised to open the doors.	2 ascending tones 	
	The door unlocks.	2 ascending tones 	Depending on the mode selected

Note: Connection problems with the Bluetooth connection could occur due to the sheer diversity of Smartphones on the market and also due to the vast differences in technical equipment. Restarting the Smartphone could help in this case.

5.3 Administration of door

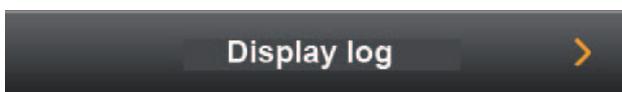
You must follow the following steps to manage door that has been set up:

Managing a DOOR		Beeper	Lighting
1.	Switch on Bluetooth on your mobile phone.		
2.	Start the app on your Smartphone and register yourself.		
3.	Enter 6-digit Door PIN on the keyboard. Confirm procedure with OK.	Depending on the mode selected	 when key is pressed
	The programming mode initialises itself.	Single prolonged high-pitched beep 	
	The programming mode is activated.	2 ascending tones 	
4.	Select the desired door in the app. (If this has not yet been added, see chapter 5.2)		
5.	You are now in the "Door management" menu.		

5.3.1 Displaying log

The app gives you the opportunity to look at the most recent 20 accesses via the KFVkeyless module.

1. Follow the instructions in chapter 5.3 "Door management".
2. Click the menu item "Display log".



3. You can now check the 20 most recent accesses.

Note: The message "Access for app configuration" means that access has been granted before the module was connected to an app for the first time.

5.3.2 Opening a door

The app gives you the opportunity to open the relevant door by clicking on the Smartphone.

1. Follow the instructions in chapter 5.3 "Door management".
2. Click on the menu item "Open door".

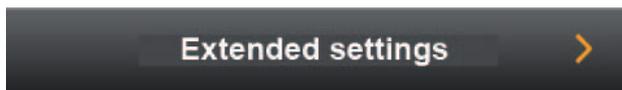


3. The door opens.

5.3.3 Adjusting lighting

The lighting of the **blue LEDs** can be set via the app. The blue LEDs behave differently depending on the lighting mode selected. The table on the next page shows the differences in the individual lighting modes.

1. Follow the instructions in chapter 5.3 "Door management".
2. Click on the menu item "Advanced settings".



3. You can now adjust the lighting mode as required.



4. Confirm the procedure by clicking "Save settings".

The standard lighting mode is effective "when touched".

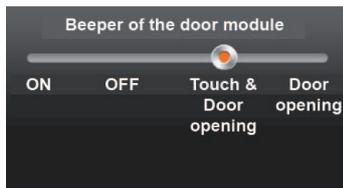
5.3.4 Adjusting beeper

The beeper behaves differently depending on the beeper mode selected. The table on the next page shows the differences of the individual beeper modes.

1. Follow the instructions in chapter 5.3 "Door management".
2. Click on the menu item "Advanced settings".



3. You can now adjust the beeper mode.



4. Confirm the procedure by clicking "Save settings".

The standard lighting mode is effective "when touched and open door".

Lighting and tone signals				
LED lights up	LED off	3 ascending tones	A prolonged lower-pitched tone	
LED flashes or flickers	2 ascending tones	A prolonged high-pitched tone	A brief high-pitched tone	

Lighting modes	Always on	Always off	when touched	on opening
Note: The lighting beeper modes do not apply to actions carried out in the programming mode.	The blue LEDs always light up.	The blue LEDs light up in event of no activity (apart from button activation).	The blue LEDs light up only in event of a keystroke.	The blue LEDs light up in the event of a keystroke and when the door opens.
Normal operation				
when key is pressed				
Taught in mobile phone in opening range	 Flashes green	 Flashes green	 Flashes green	 Flashes green
Opening the door	 Flickers green	 Flickers green	 Flickers green	 Flickers green

Beeper modes	ON	OFF	Only on opening	when touched & opening
Note: The beeper modes do not apply to actions carried out in the programming mode.	The beeper emits a signal when a key is pressed and action is carried out.	In everyday mode, the beeper does not emit any signals independently.	The beeper only emits a signal independently when a door is opened.	The beeper emits a signal when a key is pressed and a door is opened.
when key is pressed	 A brief high-pitched tone	_____	_____	 A brief high-pitched tone
Taught in mobile phone in opening range	_____	_____	_____	_____
Opening the door	 2 ascending tones	_____	 2 ascending tones	 2 ascending tones

5.4 Managing users via App

The app allows you to manage the individual users independently.

5.4.1 Changing user names

The name of a user can be changed via the app.

1. Follow the instructions in chapter 5.3 "Door management".
2. Select the desired user.

(If this has not yet been taught in, see chapter 3.2.1.)



3. Enter the desired user name.
4. Confirm the procedure by clicking "Save settings".

Note: The name of a newly taught in mobile phone is equivalent to the MAC address of the mobile phone.

5.4.2 Assigning keyboard code to a mobile phone user

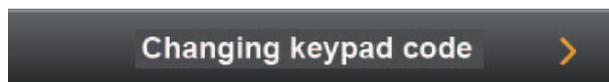
keyboard codes can only be assigned to existing mobile phone users.

1. Follow the instructions in chapter 5.3 "Door management".
2. Select the desired user.



(If this has not yet been taught in, see chapter 3.2.1.)

3. Click on "Change keypad code".



4. Type in the individual keyboard code.
5. Confirm the procedure by clicking "Save".

Note: It is **not** possible to assign the same keyboard code to several users.

5.4.3 Deleting the keyboard code

A keyboard code can be deleted via app as described below:

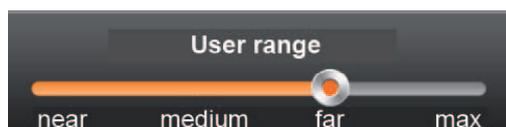
1. Follow the instructions in the previous chapter 5.4.2. "Assigning keypad code to a mobile phone user".
2. Instead of entering an individual keyboard code, delete the keyboard code.
3. Confirm the procedure by clicking "Save".

See chapter 3.1.2. to delete the keyboard code via the keyboard code.

5.4.4 Adjusting the user specific range

The user-specific setting of the range can only be carried out via app.

1. Follow the instructions in chapter 5.3 "Door management".
2. Select the desired user.
(If this has not yet been taught in, see chapter 3.2.1.)
3. Select the desired detection range on the "User range" bar.



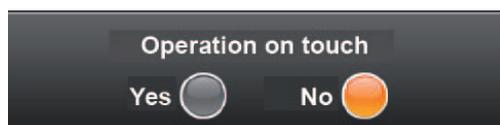
The standard setting of the range is "medium".

4. Confirm the procedure by clicking "Save settings".

5.4.5 Adjusting user-specific touch function for door opening

The user-specific setting of the touch function can only be carried out via app.

1. Follow the instructions in chapter 5.3 "Door management".
2. Select the desired user.
(If this has not yet been taught in, see chapter 3.2.1.)
3. Select the desired setting of the touch function:
 - "Yes" to have to press the "OK" button to open the door.
 - "No", so that the door opens automatically on proximity with the mobile phone.



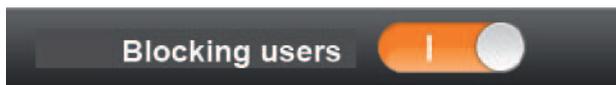
4. Confirm the procedure by clicking "Save settings".

Note: If the touch function is deactivated and you are within the range following the automatic unlocking of the door, you will automatically change over to the activated touch mode, meaning that it is unnecessary to leave the range to achieve renewed door opening. Opening the door by touching the "OK" button of the keyboard code is possible from this moment. As soon as you exit the range, the touch function is deactivated again.

5.4.6 Blocking/releasing user

The authorisation of a user to open doors can be blocked via the app.

1. Follow the instructions in chapter 5.3 "Door management".
2. Select the desired user.
(If this has not yet been taught in, see chapter 3.2.1.)
3. To block the user, choose I and choose O on the "Block user" bar to authorise access to the user once again.



4. Confirm the procedure by clicking "Save settings".

5.4.7 Deleting users

A user can be deleted either via the Bluetooth menu on the mobile phone (see chapter 3.2.2.) or via app.

1. Follow the instructions in chapter 5.3 "Door management".
2. Select the desired user.
(If this has not yet been taught in, see chapter 3.2.1.)
3. Click on "Delete user".



4. You will now be asked whether you really want to delete the user. Delete the user by clicking "Yes".

5.5 Ending management procedure

When you have carried out all the desired actions via the app, you must exit the programming mode by clicking the "X" button or "OK" button on the KFVkeyless. The red LED lights up and a brief low-pitched beep is emitted.

5.6 Connection terminated

If the connection between your Smartphone and the module is interrupted during management of the KFVkeyless module via app, you will receive the following message from your module.

Connection terminated	Beeper	Lighting
The connection between your Smartphone and the KFVkeyless is interrupted.	 Single prolonged low-pitched beep	

6 Opening procedure

6.1 With mobile phone

To successfully open doors with your mobile phone, the following criteria must be satisfied:

1. Your mobile phone must be authorised (see chapter 3.2.1).
2. The Bluetooth function on your mobile phone must be switched on.
3. The green LED on the keyboard code will flash as soon as you are outside the detection range and you are detected by KfVkeyless.
4. The door can now be opened by touching the "OK" button on the keyboard.

Note: If the touch function is deactivated, it is not necessary to touch the "OK" button on the keypad to finally open the door. See chapters 4 and 5 for more detailed information concerning your settings.

6.2 By entering a code

To open doors by entering a code, you only need to enter you keypad code and confirm by touching the "OK" button.

Note: If a single prolonged low-pitched beep is emitted and the red LED lights up, a blocked or invalid keypad has been entered.

7 Reset

Carry out the following steps to reset the KfVkeyless to factory default settings

	Activating Factory Default	Beeper	Lighting
1.	Enter 6-digit Door PIN on the keyboard. Confirm procedure with OK .	Depending on the mode selected	
	The programming mode starts.	Single prolonged high-pitched beep 	
	The programming mode is activated.	2 ascending tones 	
2.	Enter 6-digit door PIN on the keyboard once again.	Beep when key is pressed	 when key is pressed
	The "Dip Switch overwrite mode" is activated.	Single prolonged high-pitched beep 	 flashes faster
3.	Enter 6-digit door PIN on the keypad code again.	Beep when key is pressed	 when key is pressed
	The factory default has been activated.	Tone sequence from descending tones 	
	Your KfVkeyless has now been reset.	—	—
	Initialisation starts/is running	Single prolonged high-pitched beep 	
	Initialisation completed	2 ascending tones 	
	Your KfVkeyless is now ready for further use.	—	Depending on the mode selected mode

8 Frequent problems with the application

You receive an error message while teaching in your Smartphone

This is an error in the Bluetooth menu of your Smartphone. In this case, you need the app to teach in the Smartphone (see chapter 5). If you set up a door in the app, your Smartphone will automatically be taught in as mobile phone user (see chapter 5.2)

You are unable to teach in yourself as a mobile phone user as you are already connected with the module?

Disconnect yourself from KFVkeyless in your Bluetooth settings. You can reconnect yourself again.

You always receive a pairing request if you reach the range of the module?

In this case, the connection between the module and your mobile phone has only been deleted in the mobile phone but not in the module. See chapter 3.2.4. for further information.

Your keyboard code has not been accepted?

This can be due to two reasons. Your keyboard code is either blocked (see chapter 5.4.6.) or the buffer on the KFVkeyless is not empty. In this case, you must press the "X" button on the keypad before you enter the code.

The keyboard code no longer reacts after the input of several wrong coded?

If 30 digits that do not represent a known code are typed in, the keypad will freeze for 5 seconds. If 30 unknown digits are typed in again after this, it will be blocked for a further 10 seconds, then for 30 seconds and finally for 60 seconds. As soon as a digit sequence, which represents a known code (e.g. keypad code), is typed in, this is reset and in the event of a renewed lock, this would start again with 5 seconds.

What should be considered when replacing the device?

If the device is replaced, it is essential that the complete hardware (KFVkeyless module and relay cable) are replaced as these are interconnected.

9 Technical specifications

Supply voltage	9 to 24V DC or 9 to 12V AC (approx. 40 mA)
Relay output	Non-isolated input (supply voltage)
Detection range	adjustable (short, medium, far, maximum)
Operating temperature	-20 °C to +60 °C
Casing dimensions	91.5 x 45.5 x 16 mm (HxWxD)
Front panel dimensions	94 x 48.5 mm (HxW)
Standard colour of front panel	Silver
Protection class/installation	IP54/ installed in door leaf
Memory slots	24 code users / 6 Bluetooth users + 18 code users

10 Technical hotline KFV

Tel.: +49 2051 278-0

E-Mail: info@kfv.de

Liability

Intended use

Any use of this product that is not in accordance with its intended use, or any adaptation of or modification to the product and its associated components for which our express consent has not been obtained, is strictly prohibited. We accept no liability whatsoever for any material losses or injury to people caused by failure to comply with this stipulation.

Product liability

Our products are guaranteed – subject to correct installation and proper use – for a period of one year from the date of receipt by a company (according to our general terms and conditions) or as otherwise agreed, and for a period of two years for end consumers, in accordance with statutory provisions. As part of our ongoing improvements, we reserve the right to replace individual components or entire products. Consequential losses resulting from defects are excluded from the warranty within the limits of the law. The warranty shall become void if modifications that are unauthorized by us or have not been described in this documentation are performed on the product and/or individual components, or if the product and/or individual components is/are dismantled or partly dismantled, and the defect is due to the changes made.

Exclusion of liability

The product and its components are subject to stringent quality controls. As a result, they function reliably and safely when used correctly. Our liability for consequential losses and/or claims for damages is excluded, except in the case of wilful misconduct or gross negligence, or where we are responsible for injury to life, limb or health. Strict liability under the German Product Liability Act (Produkthaftungsgesetz) remains unaffected. Liability for the culpable violation of significant contractual obligations also remains unaffected; liability in this case is limited to losses that are specific to the contract and that could have been foreseen. The above regulations do not imply a change in the burden of proof to the detriment of the consumer.

EU Declaration of Conformity

 We, KFV Karl Fliether GmbH + Co. KG, declare with full responsibility that this product complies with the provisions of Directives 2008/108/EC and 2006/95/EC of the Council of the European Union.

Feedback on documentation

We welcome your comments and suggestions on how to improve our documentation. Please send us your feedback by e-mail to dokumentation@kfv.de.

Test report in accordance with EN 61000

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Deutsche
 Akkreditierungsstelle
 D-PL-18175-01-01



EMV
 Testzentrum

PRÜFBERICHT - TEST REPORT
Elektromagnetische Verträglichkeit (EMV) - Electromagnetic Compatibility (EMC)

ANTRAGSTELLER - APPLICANT	
Firma - Company:	KFV Karl Fliether GmbH & Co. KG
Anschrift - Address:	Siemensstr. 10 D - 42551 Velbert
Anwesende - Witness(es):	Herr Kowalzik
PRÜFLING (EUT) - EQUIPMENT UNDER TEST	
Gerätebez. - Equipment:	Elektromechanischer Türverschluss - Electromechanical door lock
Modell/Typ - Model/Type:	Genius / A-Öffner (GEN AS*; GEP EP*; ZEM F10*)
Fertigungs Nr. - Serial No.:	# 1018143050907
PRÜFUNG - TEST	
Anlieferung Arrival of EUT:	04.06.2013
Meßtermin(e) Date of measurement:	04. - 06.06.2013
Prüfungsgrundlage Standards:	<u>Störaussendung - Emission:</u>
	EN 61000-6-3:2007+A1:2011
	Klasse B - class B
	EN 61000-3-2:2006+A1:2009+A2:2009
	EN 61000-3-3:2008
	<u>Störfestigkeit - Immunity:</u>
	EN 61000-6-2:2005
Ergebnisse - Results:	Anforderungen erfüllt - Passed Details siehe Zusammenfassung - Details see test result summary
Bemerkungen - Remarks:	Ein Prüfplan wurde vorgelegt. The test plan was presented.
Durchführung - Performed by:	Dipl.-Ing. Th. W. Stein
PRÜFBERICHT - TEST REPORT	
Identifikationsnummer Identification No.:	FS-1306-238552-002
Datum des Prüfberichts Date of Report:	10.06.2013
bearbeitet von - Provided by:	Dipl.-Ing. Th. W. Stein
	Prüfer - Person responsible
überprüft von - Approved by:	Dipl.-Ing. P. Lukas
	Prüfer - Person responsible

QMV-5.10-2 d-e / Rev 6.10

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