FIBARO SYSTEM

OPERATING MANUAL

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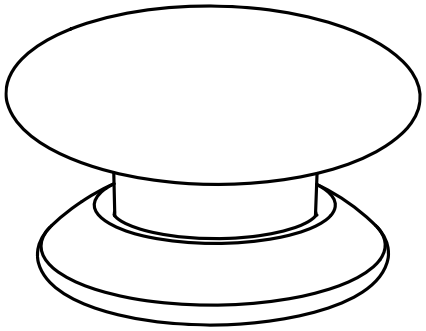

FIBARO BUTTON

FGBHPB-101

Works with Apple HomeKit

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v1.1

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Important safety information

Read this manual before attempting to install the device!

Failure to observe recommendations included in this manual may be dangerous or cause a violation of the law. The manufacturer, Fibar Group S.A. will not be held responsible for any loss or damage resulting from not following the instructions of operating manual.

The alarm functionality of devices is an additional feature increasing the comfort level of your home automation system. If you want to use professional security service, please contact them to determine what systems can provide a protection of your estate.

Compliance with safety standards:

The device is designed to be used with Apple HomeKit and is compliant with IEC/UL/CSA 60950-1. In case of the integration with another system, e.g. alarm system, it is required to verify the compliance with additional standards.

HomeKit technology

Apple HomeKit technology provides an easy, secure way to control HomeKit-enabled accessories using Siri on your iPhone, iPad, or iPod touch.

After installing your **FIBARO Button**, configure it from a compatible app with just a few simple steps to control your home.

You can even create your own custom scenes to control your home settings. For example, you can create a scene to automatically turn off the lights, lock your doors, close the garage door, and set the thermostat to the desired temperature in just one step.

Controlling this HomeKit-enabled accessory requires an iPhone, iPad, or iPod touch with iOS 9.3 or later.

Controlling this HomeKit-enabled accessory away from home requires a third-generation Apple TV with Apple TV software 7.2.1 or later or a fourth generation Apple TV with tvOS 9.2 or later and an iPhone, iPad, or iPod touch with iOS 9.3 or later

#1: Description and features

FIBARO Button is a HomeKit-enabled, compact, battery-powered wireless controller using *Bluetooth*® low energy technology. It allows you to control HomeKit accessories using Automations.

Various actions may be triggered with one clicks, two clicks or by holding the button down.

With its small design and wireless communication, the FIBARO Button can be conveniently mounted on any surface and in any position or location at home, e.g. beside the bed or under the desk.

Main features of FIBARO Button:

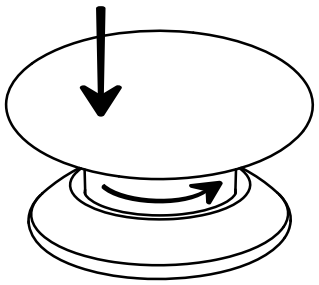
- compatible with Apple HomeKit technology,
- *Bluetooth*® low energy technology for wireless communication,
- detects 3 different actions: 1 click, 2 clicks, hold and release,
- battery powered,
- easy installation,
- may be installed on any surface,
- indicates state using buzzer,
- many colour variations: black, white, red, green, blue, yellow, orange and brown.

NOTE

Automations require using Apple TV (4th generation) or iPad (iOS 10 or later) set as Home Hub.

#2: Basic activation

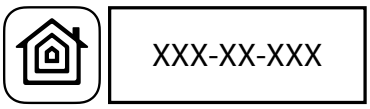
1. Press and turn the button **counter-clockwise** to open the casing.



2. Remove the **battery blocker** and check if the battery is placed correctly.
3. Press and turn the button **clockwise** to close the casing.
4. Pair the accessory (as described in "#3: Pairing the accessory").
5. Install the accessory in desired location using the attached self-adhesive pad.

#3: Pairing the accessory

1. Open the Settings app on your iOS device.
2. Go to the *Bluetooth*® section, and turn the *Bluetooth*® on.
3. Place the accessory next to your iOS device.
4. Open a HomeKit compatible app of your choosing on your iOS device.
5. Open pairing window in your HomeKit app to detect available accessories.
6. Choose The Button you wish to pair.
7. You can identify it - The Button will triple beep 3 times.
8. Find HomeKit Setup Code on the last page of *Quick Start Guide* included in the box that looks like this:



9. Start pairing with your HomeKit app.
10. Point your iOS device's camera at the Setup Code to scan it or enter the Setup Code manually.
11. If entered Setup Code is valid, the device will complete the setup process.
12. Follow instructions displayed in the application.

NOTE

Remember to keep your HomeKit Setup Code in safe place. You may need it in case of re-pairing.
Backup Setup Code is printed on the label of the accessory, but requires entering it manually.

#4: Functionality

NOTE

Automations require using Apple TV (4th generation) or iPad (iOS 10 or later) set as Home Hub.

Detecting Button pushes:

The Button detect if it was clicked one time, two times, held or released, then reports it to your iOS device.

Automations can be created based on the detected action.

Battery level measuring:

The Button measures battery level every 24 hours and reports it to your iOS device. Additionally, if battery level is below 15%, the accessory will report low level battery status to your iOS device.

Buzzer:

The Button is equipped with a built-in buzzer that signals status of the accessory, like identification (3 triple beeps) or reset confirmation (long beep).

If enabled, the accessory can also respond to actions with sound signals. The accessory will confirm number of performed clicks with the same amount of beeps (e.g. two clicks - two beeps). Holding will be signaled with intermittent tone.

#5: Reset

Resetting the Button to factory defaults:

Reset procedure allows to restore the accessory back to its factory settings including HomeKit pairing.

1. Click the Button exactly five times.
2. Press and hold the Button for at least 5 seconds.
3. Long beep will confirm resetting.

#6: Specifications

CAUTION

Using batteries other than specified may result in explosion. Dispose of properly, observing environmental protection rules.

Power supply:	3.6V DC battery
Battery type:	ER14250 ½AA
Battery life:	est. 2 years (max. 10 pushes per day)
EU standards compliance:	RED 2014/53/EU RoHS 2011/65/EU
Radio protocol:	*Bluetooth*® low energy
Radio frequency:	2.4 GHz
Range:	up to 50m (free range) (164 feet)
Operating temperature:	0-40°C (32-104°F)
Dimensions (diameter x height):	46 x 34 mm (1.81" x 1.34")

#7: Regulations

This device complies with Part 15 of the FCC Rules

Operation is subject to the following two conditions:
1. This device may not cause harmful interference
2. This device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device meets the FCC requirements for RF exposure in public or uncontrolled environments.

ISED Canada Compliance Notice

This device complies with ISED Canada license-exempt RSSs. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

This device complies with the safety requirements for RF exposure in accordance with RSS-102 Issue 5 for portable use conditions.

Cet appareil est conforme aux normes d'exemption de licence RSS ISED Canada. Son fonctionnement est soumis aux deux conditions suivantes: (1) cet appareil ne doit pas causer d'interférence et (2) cet appareil doit accepter toute interférence, notamment les interférences qui peuvent affecter son fonctionnement.

Le présent appareil est conforme aux limites d'exposition aux RF conformément au norme CNR-102 émission 5 pour conditions d'utilisation portable.

Legal Notices

All information, including, but not limited to, information regarding the features, functionality, and/or other product specification are subject to change without notice. Fibaro reserves all rights to revise or update its products, software, or documentation without any obligation to notify any individual or entity.

FIBARO and Fibar Group logo are trademarks of Fibar Group S.A. All other brands and product names referred to herein are trademarks of their respective holders.

Note

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission's rules.

DGT Warning Statement

Article 12

Without permission, any company, firm or user shall not alter the frequency, increase the power, or change the characteristics and functions of the original design of the certified lower power frequency electric machinery.

Article 14

The application of low power frequency electric machineries shall not affect the navigation safety nor interfere a legal communication, if an interference is found, the service will be suspended until improvement is made and the interference no longer exists.

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。

低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Warning

This product is not a toy. Keep away from children and animals!

WEEE Directive Compliance

Device labelled with this symbol should not be disposed with other household wastes. It shall be handed over to the applicable collection point for the recycling of waste electrical and electronic equipment.

Declaration of conformity

CE Hereby, Fibar Group S.A. declares that FIBARO Button is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

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