

Amazon Alexa is a virtual voice assistant, commonly known by the shortened name “Alexa”. It allows for voice interaction, music playback, creating task lists, setting alarms, playing podcasts, and many other functions. Alexa also enables the control of many smart devices, complementing a home automation system. Users can expand Alexa’s functionalities by installing extensions called “skills,” issued by various external companies. This guide explains how to connect the BleBox home automation system with Alexa, enabling voice control of your devices.



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for more information visit the website
www.blebox.eu

or send an email to: info@blebox.eu
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Requirements

- BleBox controllers must be properly configured to work correctly both from the local network and from anywhere in the world (remote access enabled). Check out the wBox manual (quick installation guide) and see how easy it is to configure the controllers.
- After configuring the controllers, check if you are logged into the wBox app and if the controllers work outside the local network. To do this, turn off the WiFi connection on your phone, then use mobile data to check if you can still control the controllers. Remember, disabling the “Remote Access” option in the controller settings will prevent it from working with the Alexa system.
- Remember that Alexa recognizes commands only in certain languages – even for English, it is important to choose between American and British English. Check the list of available languages in the Alexa documentation available on Amazon’s website. As of the date of this guide, Polish is not available, so the remainder of the instructions will be based on the English language version of the app.



Minimum one supported BleBox device with firmware version at least 0.9xx, properly configured that can be remotely controlled via the wBox application (remote access enabled)



The newest wBox application and Amazon Alexa application installed on mobile phone



Phone language set to a language which Alexa understand



Stable connection to the Internet (both the BleBox device and the mobile phone)

Amazon Alexa application

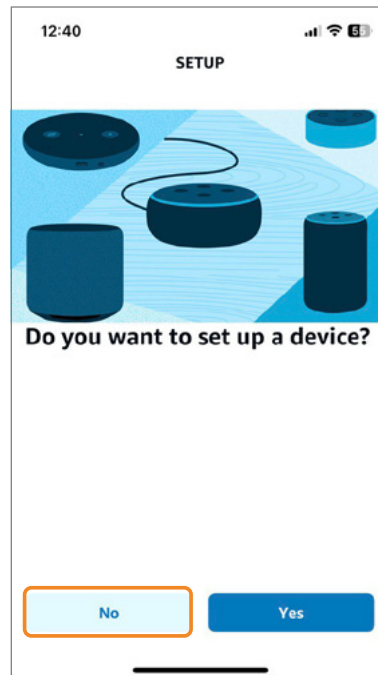
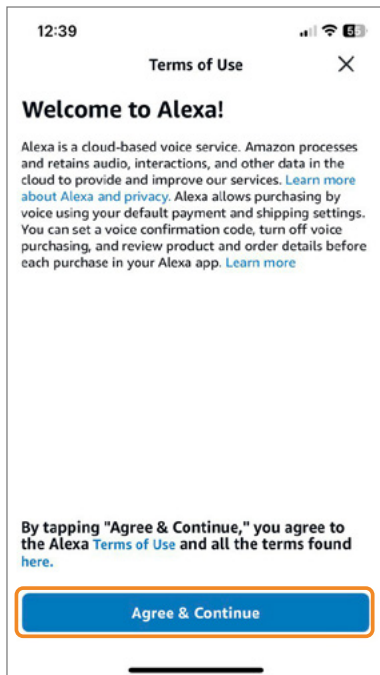
- 1 Open the Amazon Alexa application and log in. If you do not have an account yet, create one by following the wizard.

The screenshot shows the 'Sign in' screen of the Amazon Alexa app. At the top is the Alexa logo. Below it, the text 'Sign in' is displayed, with a link for 'Forgot password?'. There are two input fields: 'Email or phone number' and 'Amazon password'. A checkbox labeled 'Show password' is below the password field. A blue 'SIGN IN' button is at the bottom. Below the button, there is a link for 'New to Amazon?' and a grey button labeled 'CREATE A NEW AMAZON ACCOUNT'.

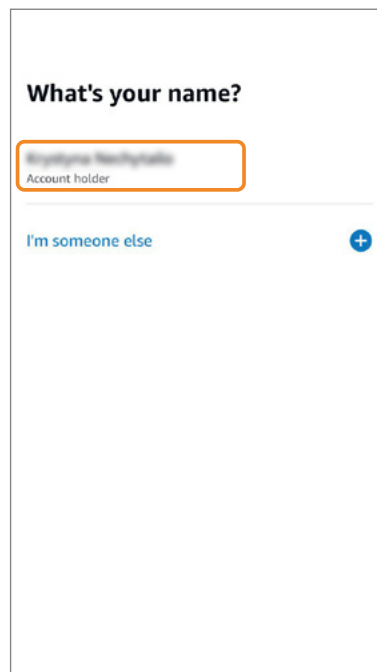
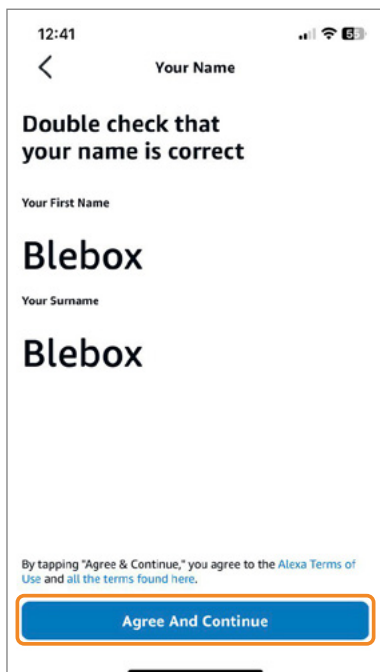
The screenshot shows the 'Create account' screen of the Amazon Alexa app. At the top is the Alexa logo. Below it, the text 'Create account' is displayed. There are three input fields: 'BleBox', a phone number field, and a password field. A blue 'CREATE YOUR AMAZON ACCOUNT' button is at the bottom. Below the button, there is a link for 'Already have an account?' and a grey button labeled 'SIGN-IN NOW'.

The screenshot shows the 'Verify email address' screen of the Amazon Alexa app. At the top is the Alexa logo. Below it, the text 'Verify email address' is displayed. There is a message: 'To verify your email, we've sent a One Time Password (OTP) to bechytbj.jhau@gmail.com (Change)'. There is an input field for 'Enter OTP'. A blue 'CREATE YOUR AMAZON ACCOUNT' button is at the bottom. Below the button, there is a link for 'Resend OTP' and a copyright notice: '© 1996-2023, Amazon.com, Inc. or its affiliates'.

- 2 After login the setup wizard will appear – skip setup.

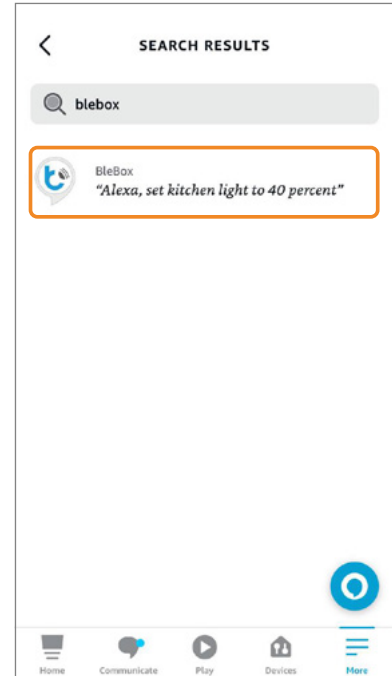
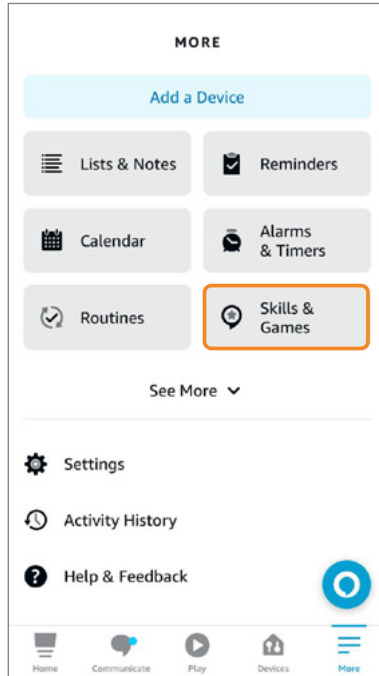
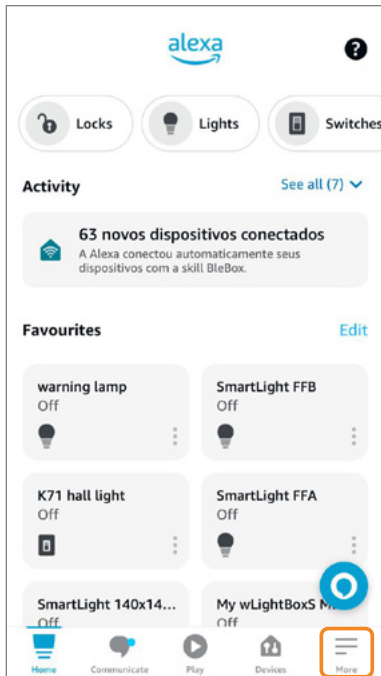


- 3 Select your account and fill out the form. Then, grant the Alexa app all the required permissions.

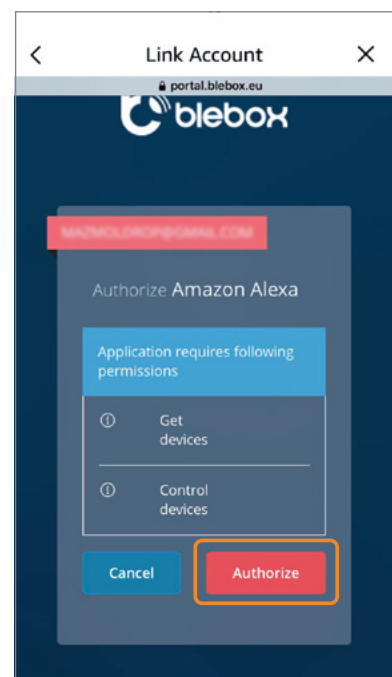
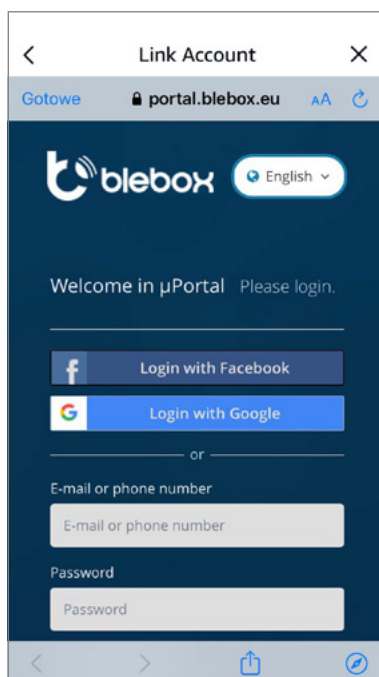
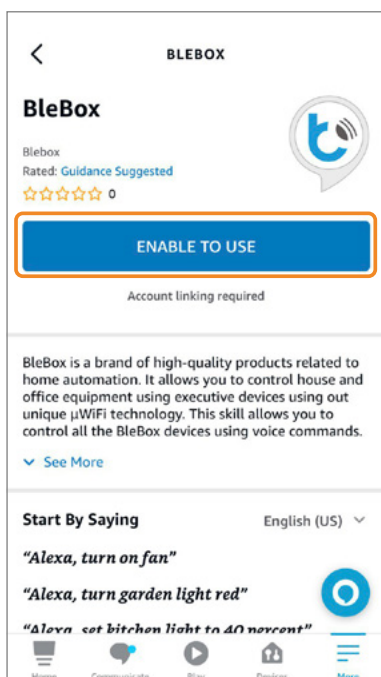


The BleBox skill

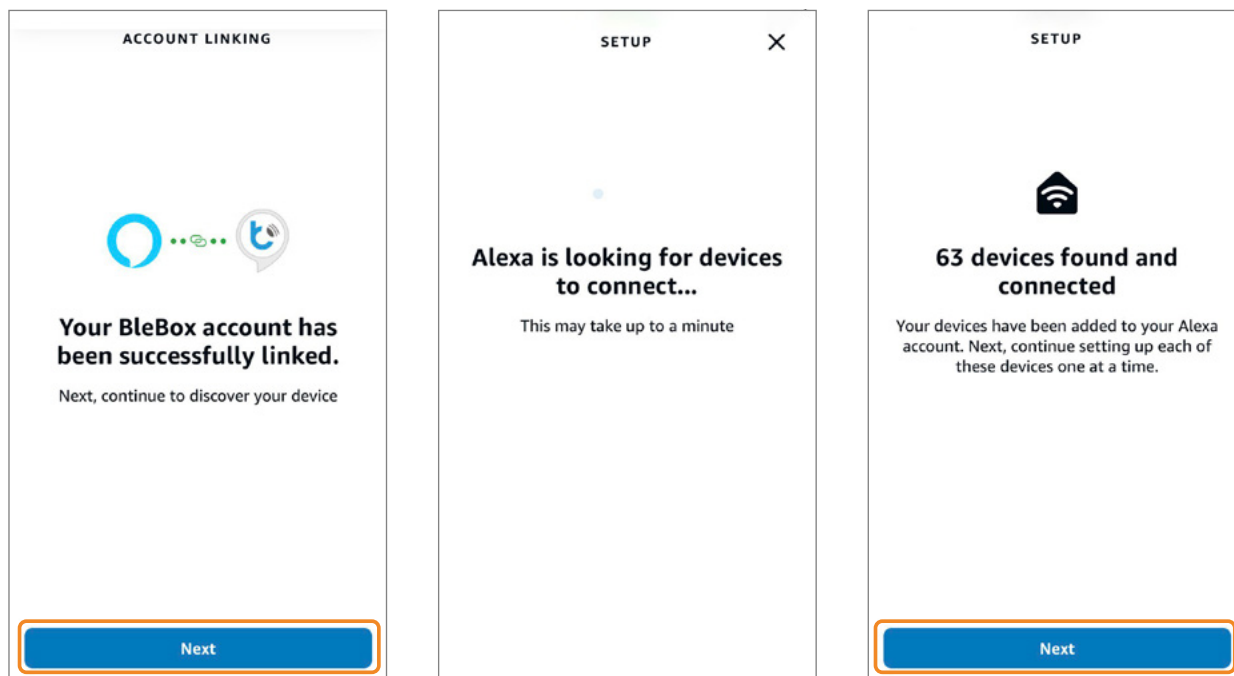
- 1 In the top-left menu choose "Skills & Games", press the search icon on the top-right and type "BleBox" in the search field, then choose the skill.



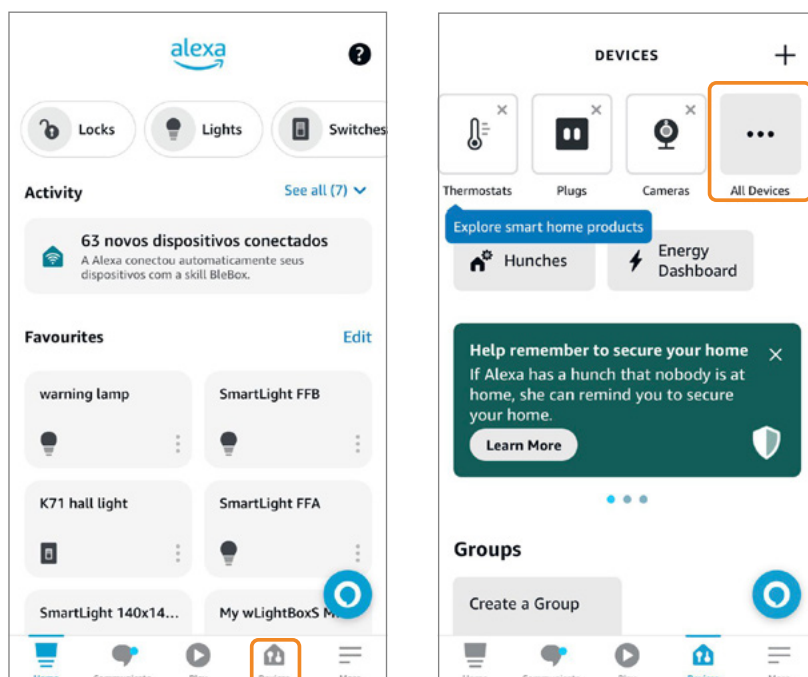
- 2 Press "Enable to use" button. The μ Portal login page will appear - authorize using BleBox credentials in the μ Portal login page. The success screen should appear, close it as typed.



- 3 Click the “Enable to use” button, and the μ Portal login screen will appear. Log in using your BleBox system username and password. As a result, a screen indicating a successful link between your BleBox and Alexa accounts should appear. Press “Authorize”.

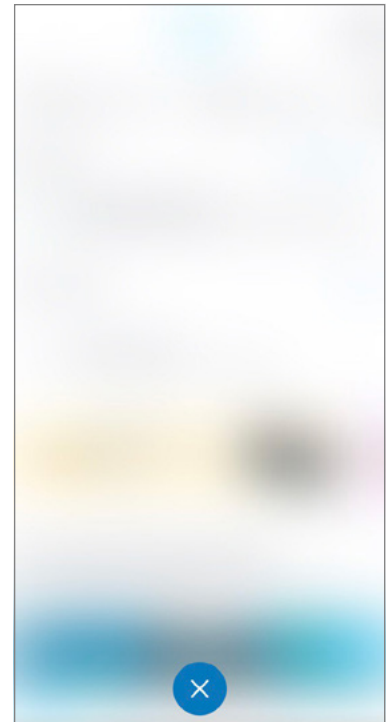
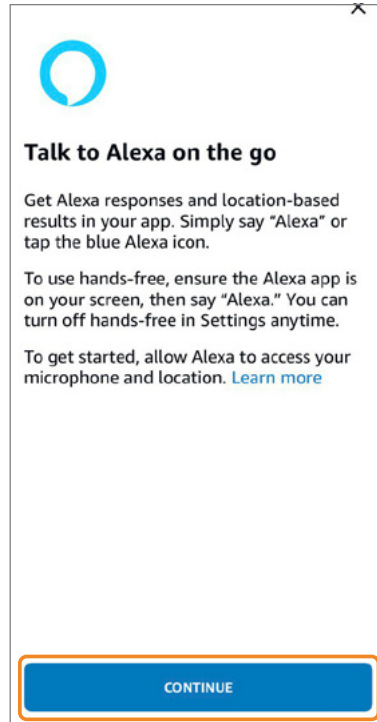
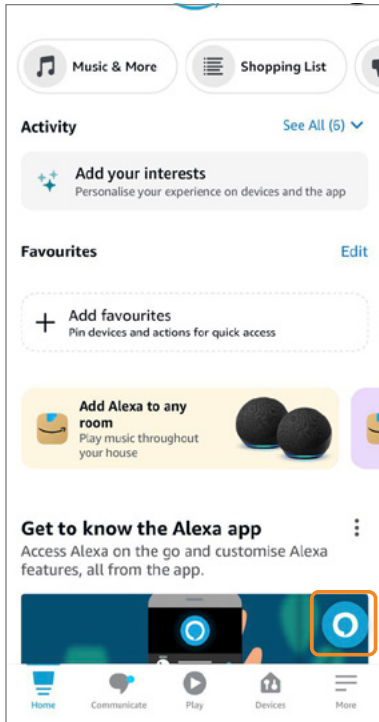


- 4 On the main application screen, press “Devices” button and then “All devices” to see all your devices. You can control and edit them from this list. To learn more about Alexa features, visit Amazon Alexa website.



First usage

- 1 To test if Alexa voice commands works well, press the center button from the bottom menu of the Alexa application, it will enable voice recognition system. At first usage it will ask for permissions, press the "Allow" button. Then say the command.



Compatible devices with Amazon Alexa

 tempSensor	✓	 wLightBox PRO	✓	Simon 54 GO LED MONO	✓
 doorBox	✓	 dacBoxD DC	✓	Fakro FTP-U WiFi	✓
 gateBox	✓	 switchBoxD DIN	✓	Fakro FTP-V WiFi	✓
 shutterBoxDC	✓	 switchBox DIN	✓	Fakro ARP WiFi	✓
 shutterBox	✓	 switchBoxD DC DIN	✓	Fakro ARF WiFi	✓
 switchBox LIGHT	✓	 shutterBox DIN	✓	Fakro AMZ WiFi	✓
 switchBox	✓	Simon 55 GO shutter	✓	Fakro ARZ WiFi	✓
 switchBoxDC	✓	Simon 54 GO shutter	✓	TV Sabaj-K-SMRT	✓
 switchBoxD	✓	Simon 55 GO switch	✓	Fakro VMZ WiFi	✓
 switchBoxT PRO	✓	Simon 54 GO switch	✓	PLAST-MET SMART LIGHT BOSSPIO	✓
 wLightBoxS	✓	Simon 55 GO switchD	✓	PLAST-MET SMART LIGHT SIMPIO	✓
 wLightBox	✓	Simon 54 GO switchD	✓	Wikęd smart door unit	✓
 gateBox PRO	✓	Simon 55 GO LED RGBW	✓	Wiśniowski RiCo	✓
 pixelBox	✓	Simon 54 GO LED RGBW	✓	Selt pergola DC	✓
 wLightBoxS PRO	✓	Simon 55 GO LED MONO	✓	Selt smartScreen	✓

Some example commands are as follows:



Alexa, turn on "Kitchen light"
or
Alexa, turn off "Kitchen light"

The command turns the light on or off. "Kitchen light" is a controller from the "switch" family (e.g. "switchBox") or from the "wLight" family (e.g. "wLightBoxS").



Alexa, increase "Bedside lamp"
or
Alexa, decrease "Bedside lamp"

With each call, they increase or decrease the brightness of the lighting (by several to a dozen or so percent). "Bedside lamp" is a controller from the "wLight" family (e.g. "wLightBoxS").



Alexa, set "red" on "LED strip"
or
set "warm white" on "LED strip"

The command sets a given colour (in this case "red") in RGB mode or white temperature (in this case "warm white") in CCT mode. "LED strip" is a controller from the "wLight" family (e.g. "wLightBox").



Alexa, open "Living room shutter"
or
Alexa, close "Living room shutter"

The command opens or closes the roller shutter, blinds, awning, projector screen, etc. "Living room shutter" is a controller from the "shutter" family (e.g. "shutterBox")



Alexa, raise "Living room shutter" or
Alexa, lower "Living room shutter"

With each call, it partially raises or lowers the roller blind (by a few or a dozen percent). "Living room shutter" is a controller from the "shutter" family (e.g. "shutterBox")



Alexa, open "Main gate"
or
Alexa, close "Main gate"

The command opens or closes the gate. Connected inputs (e.g. reed switches) are required for operation. "Main gate" is a controller from the "gate" family (e.g. "gateBox").



Alexa, temperature "Bedroom thermometer"

The command will read the temperature. "Bedroom thermometer" is a sensor from the "temp" family (e.g. "tempSensor").

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