



REAL SMART HOME

REAL SMART HOME GmbH

APPMODULE

BAB Alexa

Smart Home App Documentation

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1 INTRODUCTION

Thank you for your trust, and the purchase of the BAB Alexa Smart Home App for the BAB **APPMODULE**. With this app you can integrate the Alexa voice control system from Amazon into your Smart Home based on KNX.

In combination with the Alexa Skill " **BAB** TECHNOLOGIE EIBPORT V3 Skill" you can effortlessly connect this app with Alexa. Connect the whole world of IoT and building automation with Amazon's voice control.

Control any KNX or IP components by voice or start entire Smart Home scenes. Whether Denon HEOS, Bose SoundTouch, Pushbullet, Sonos or PLink: All the other apps you install on this device can also be controlled with Alexa - regardless of whether this is supported by the manufacturer.

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IMPORTANT INFORMATION ON THE OPERATING INSTRUCTIONS

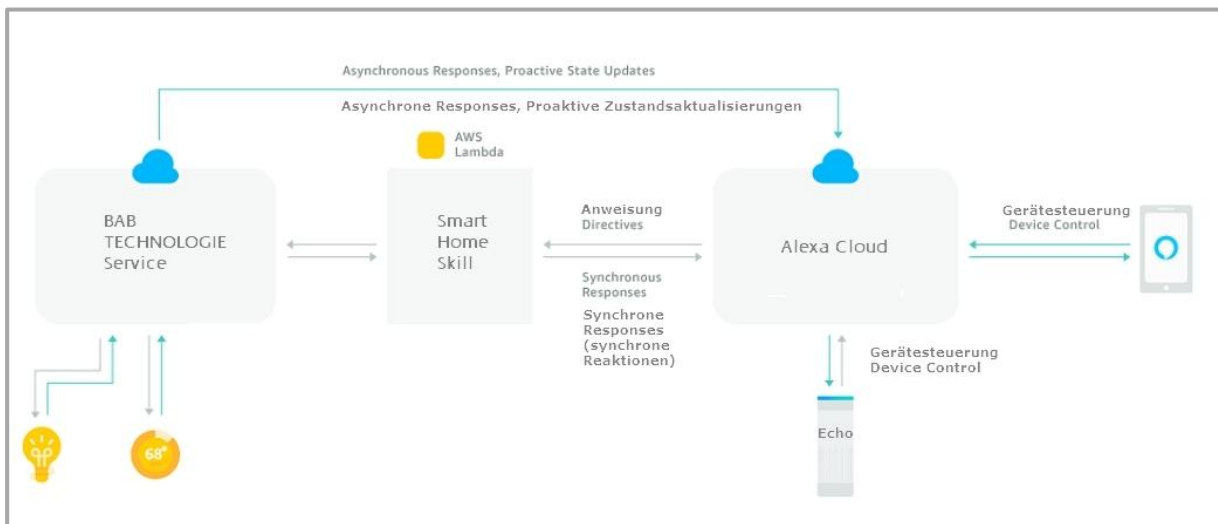
We reserve the right continually improve the product. This entails the possibility that parts of this documentation might be out-of-date. You will find the latest information at:

www.bab-appmarket.de

This app is an independent product, with no legal ties to Amazon.com, Inc. or its affiliates. Neither **BAB** APP MARKET GmbH nor the developer of this app take any claim in the trademarks owned by Amazon.com, Inc. or its affiliates.

2 BAB ALEXA SMART HOME APP – FUNCTIONAL OVERVIEW

With this Smart Home App, you can integrate the Alexa voice control system from Amazon into your Smart Home based on KNX. In combination with the Alexa Skill " **BAB TECHNOLOGIE EIBPORT V3**" you can effortlessly connect your **APPMODULE** with Alexa. Connect the whole world of IoT and building automation with Amazon's voice control. Control any KNX, EnOcean or IP components by voice or start entire Smart Home scenes. Whether Denon HEOS, Bose SoundTouch, Pushbullet, Sonos or PjLink: All the apps you install on the **APPMODULE** can also be controlled with Alexa - regardless whether this is supported by the manufacturer.



3 THE INNOVATIVE, MODULAR SMART HOME APP CONCEPT FOR THE BUILDING AUTOMATION

The innovative, modular Smart Home App concept for building automation. The **APPMODULE** brings the innovative, modular Smart Home App concept into building automation. You can mix and match any of the diverse applications that are available to ingrate third-party solutions. With these Smart Home Apps from the dedicated **BAB APPMARKET**, the **APPMODULE** becomes a tailor-made integration unit for your building automation.

HOW IT WORKS


1

PURCHASE AN APPMODULE

Purchase BAB TECHNOLOGIE's APP MODULE via a wholesaler.


2

REGISTER

Register your APP MODULE.
Each app is bound to one device.


3

LOAD APPS

Buy and download your favorite apps for your APP MODULE..


4

INSTALL YOU APPS

Install your downloaded apps on your APP MODULE. You can start to configure your apps immediately.

Manufacturer of the **APPMODULE** [BAB TECHNOLOGIE GmbH](#)

Distribution of all Smart Home Apps for the **APPMODULE** [BAB APPMARKET GmbH](#)

Smart Home App developer [REAL SMART HOME GmbH](#)

3.1 INFORMATION ABOUT THE APPMODULE

Please refer to the separate product documentation of the **APPMODULE** for a detailed product description and setup instructions.

http://www.bab-tec.de/index.php/download_de.html

Product variants:

The **APPMODULE** is available in three variants:

- **APPMODULE KNX/TP** – for stand-alone use on KNX/TP Bus

4 SMART HOME APP INSTALLATION / UPDATE

Please proceed as follows to install a Smart Home App.

1. Open the **APPMODULE** web page: Enter <IP Address of **APPMODULE** > into your browser's address bar and press Enter. The **APPMODULE** web interface will appear.
2. Log in with your user credentials. Please refer to the **APPMODULE** documentation for login details.
3. Click on the menu entry "App Manager"
4. You are now on the page where already installed Smart Home Apps are listed. The list will be empty if no Smart Home Apps have been installed. Click "Install App" in order to install a new Smart Home App.
5. Now click on "Select App"; a file selector window will appear. Choose the Smart Home App » BAB Alexa « and click "OK".

The Smart Home App » BAB Alexa « must first be downloaded from the **BAB APPMARKET** (www.bab-appmarket.de).

After the message "Installation successful" appears, click "OK". You are ready to configure the Smart Home App.

To update a Smart Home App manually you have to proceed as follows

1. To update an already installed Smart Home App, click on the App icon in the "App Manager".
2. The detail view of the Smart Home App appears. Click on "Update App" to select the Smart Home App package and start the update. The update version must be downloaded from the **BAB APPMARKET**.

After the message "Installation successful" appears, click "OK". The Smart Home App has been updated. Your instance configurations will remain unchanged.

The Smart Home App can also be updated directly in the web interface. Without having to download the Smart Home App from the **BABAPPMARKET** first.

In the "App Manager" available Smart Home App updates are reported

5 SMART HOME APP SETTINGS/ALEXA SKILL

The Smart Home App "**BAB** Alexa" for the **APPMODULE** is the counterpart to the Alexa Skill »BAB TECHNOLOGIE EIBPORT V3 Skill«.

The "**BAB** TECHNOLOGIE Service" is used for a particularly comfortable setup of the system. Like Amazon itself, it uses the "Log-In-With-Amazon" authentication to ensure a secure and unambiguous connection between the **APPMODULE** and Amazon.

You use one and the same account (access data) to register on Amazon as well as on the BAB service.

Proceed as follows to connect your **APPMODULES** with Amazon Alexa:

1. Go to the Amazon Alexa App and navigate to the "Smart Home" area.
2. In the "Set up Smart Home" area, select "Activate Skills".
3. Select the Alexa Skill »BAB TECHNOLOGIE EIBPORT V3 Skill« and activate it.
4. Now open the configuration interface of the **APPMODULE** and navigate to the Smart Home App "Alexa KNX Connect" in the "App Manager" area.
5. Now click on "Register **APPMODULE**" and log in to the "**BAB** TECHNOLOGIE Service".
6. Enter the serial number and registration key of the **APPMODULE**.
7. Copy the generated app token to the clipboard.
8. Now return to the configuration interface of the **APPMODULE** and insert the app token.

The connection of your **APPMODULE** is now set up and Alexa's voice commands are forwarded to your **APPMODULE** via the "**BAB** TECHNOLOGIE Service".

Continue now with the further configuration of the Smart Home App.

Note:

Devices configured in the **APPMODULE** are not recognized by Alexa until you search for new Smart Home devices in the Amazon Alexa App (e. g. on your smartphone).

You can start the search with the voice command "Alexa, search for new Smart Home devices".

To do this, create an instance with devices as described in the following chapter.

Note:

The Alexa Skill »BAB TECHNOLOGIE EIBPORT V3 Skill« only works with an Amazon account UK, Amazon account DE, Amazon account IT, Amazon account FR or Amazon account ES. In order to use the skill with the Amazon account UK, it is important that the device location in the Amazon app is set to UK and a valid UK postcode is entered.



BAB TECHNOLOGIE EIBPORT V3 Skill

von BAB TECHNOLOGIE GmbH

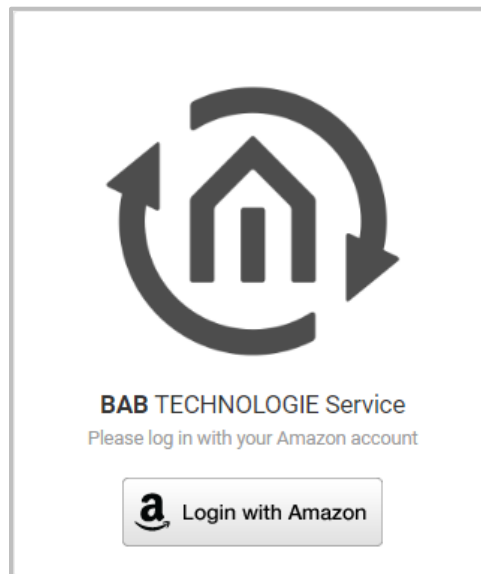
Figure 1: BAB TECHNOLOGIE EIBPORT V3 Skill

5.1 SMART HOME APP-TOKEN

The **APPMODULE** must be registered in the **BAB TECHNOLOGIE** Service "<https://cs1.bab-tec.de:8085>".

SERIAL NUMBER / REGISTRATION KEY

For registration you need the serial number of the **APPMODULE** (BTxxxxxxxxxxxxxx) and the registration key for the **BAB APP MARKET**. The serial number can be found on the rear side of the **APPMODULE** or - if you have logged in to the **APPMODULE** web interface - under Information. The registration key can be found on the packaging and on the enclosed map of the **APPMODULE**. Log in to the **BAB TECHNOLOGIE** service with your Amazon account data.



You will be redirected to a registration page of Amazon. Enter your Amazon account data here. Afterwards you will be redirected to the **BAB TECHNOLOGIE** Service page. Now enter the serial number of the **APPMODULE** and the registration key.

BAB TECHNOLOGIE Service
Connect your **APPMODULE** to your Amazon account


BAB TECHNOLOGIE

APPMODULE to connect with Alexa service
Please enter the registration information of your **APPMODULE**.

Serial No.

Registration Key

"Submit" completes the registration and creates the app token. Copy the app token into the clipboard.

BAB TECHNOLOGIE Service
Connect your APPMODULE to your Amazon account

 **BAB TECHNOLOGIE**

Logout

Your linked APPMODULE



 Please enter the generated login token into the BAB ALEXA App configuration of the desired APPMODULE (Serial No.BTxxxxxxxxxx)

DETAILS

Serial Number

BTxxxxxxxxxx

App-Token

In diesem Feld steht der App-Token. Durch klicken auf "Copy to clipboard" wird dieser in die Zwischenablage kopiert.

Copy to clipboard

Delete APPMODULE

Insert the token from the clipboard into the corresponding field in the Smart Home App "Alexa KNX Connect".

> Start > Apps > Alexa 2 KNX > Instanzkonfiguration

✓ Instanz speichern

Alexa 2 KNX

Instanzname

Alexa-Sprachsteuerung

Kommentar

App-Token

Insert the app token here

APP MODULE Registrierung

APPMODULE registrieren

The registration process is completed by saving the instance.

5.2 INSTANCE CONFIGURATION

This chapter explains the parameters and settings used to configure the Smart Home App.

As soon as the Smart Home App is installed, you can create so called “Instance”. An Instance is one of several objects of the same class.

In order to create an instance, click on the symbol "+ Create Instance".

5.2.1 GENERAL PARAMETERS

Instance Name

Choose a name for this new instance.

Comment

Insert a description what this instance does.

5.2.2 CONNECTION PARAMETERS

App Token

The app token which was generated for this APPMODULE.
Register at <https://cs1.bab-tec.de:8085> (see chapter 5.1)

Validate App Token

In order to use this smart home app and the corresponding smart home skill, you must first register this device at the **BAB** TECHNOLOGIE Service.

You will need the credentials of the same Amazon account which you will later also use to register the smart home skill.

Connection State

Indicates whether the app is connected to the **BAB** TECHNOLOGIE service and can process requests from Alexa.

Note

Even if the Smart Home app shows that it is connected, you must ensure that the Smart Home skill is activated in your Alexa account so that Alexa can control your devices and accept feedback.

Enable Proactive Reporting

Proactive Reporting means that every state change of the configured status addresses is sent immediately to the Amazon Cloud.

Without this feature, wrong or very delayed state reports in the Alexa app or on Alexa displays are possible.

For the best user experience, proactive reporting should be enabled and all status addresses should be configured – in full awareness of the data privacy implications.

5.2.3 ON/OFF SWITCH

Switches and Plugs

Simple switching via 1 bit (1/0) telegram.

e.g.: "Alexa, turn [DEVICE] on/off."

Name:

Unique name of the controlled device as it should be referred to by Alexa.

Description:

Detailed description of the device.

Display Category

Unique id with which Alexa addresses the device. Generated automatically.

The following options are available:

- Switch
- Plug

On/Off

Group address to which on and off commands coming from Alexa should be sent.

On/Off State

Group address from which the on/off state is reported to Alexa.

5.2.4 DIMMABLE SWITCHES

Switchable devices with dimming

Set, increase or decrease a percentage value. On and off switch commands are also supported. Switching is either realized by setting 0% and 100%, or via an optional 1 bit value.

e.g.: "Alexa, set [DEVICE] to 50 percent." or "Alexa, increase/decrease [DEVICE] by 10 percent."

Note:

These devices appear as switches in the Alexa app. For dimmable lamps, please use the list provided below.

Name

Name of the device as it should be referred to by Alexa.

Description

Detailed description of the device.

On/Off

Group address to which on and off commands coming from Alexa should be sent. If you do not configure this address, on/off commands will be interpreted as brightness values of 0% (off) and 100% (on) and sent to the brightness address.

On/Off State

Group address from which the on/off state is reported to Alexa. If you do not configure this address, the brightness state will be reported to Alexa as the on/off state.

Brightness

Group address on which the desired brightness will be set. Even though Amazon distinguishes between generic dimmers and lamps with dimming, the percentage of the dimmer is interpreted by Alexa as brightness for both device types.

This means that besides voice commands like "Alexa, set [DEVICE] to 50 percent.", commands like "Alexa, make [DEVICE] brighter." are also possible.

Brightness State

Group address from which the brightness state is reported to Alexa.

5.2.5 LAMPS

Lamps with switch, dimmer, as well as colours or shades of white

Choose which functionality the light supports. You can use separate R, G, and B colour values or a combined 3 byte value.

Alternatively, or additionally, you can use an unsigned 2 byte value for colour temperatures. e.g. "Alexa, set [DEVICE] to red." or "Alexa make [DEVICE] warm white.",

Name

Name of the lamp as it should be referred to by Alexa.

Description

Detailed description of the lamp.

On/Off

Group address to which on and off commands coming from Alexa should be sent. If you do not configure this address, on/off commands will be interpreted as brightness values of 0% (off) and 100% (on) and sent to the brightness address.

On/Off State

Group address from which the on/off state is reported to Alexa. If you do not configure this address, the brightness state will be reported to Alexa as the on/off state.

Brightness

Group address to which brightness commands coming from Alexa should be sent.

Brightness State

Group address from which the brightness state is reported to Alexa.

Combined Colour Value

Group address to which colour values coming from Alexa should be sent.

Combined Colour Value State

Group address from which the combined colour value state is reported to Alexa.

Colour - Red Channel

You should be using the combined colour value to set a colour. If that is not possible, configure all three individual channels in order to set a colour via Alexa. The value will be sent as an unsigned 1 byte value.

Colour - Red Channel State

Group address from which the red channel state is reported to Alexa.

Colour - Green Channel

You should be using the combined colour value to set a colour. If that is not possible, configure all three individual channels in order to set a colour via Alexa. The value will be sent as an unsigned 1 byte value.

Colour - Green Channel State

Group address from which the green channel state is reported to Alexa.

Colour - Blue Channel

You should be using the combined colour value to set a colour. If that is not possible, configure all three individual channels in order to set a colour via Alexa. The value will be sent as an unsigned 1 byte value.

Colour - Blue Channel State

Group address from which the blue channel state is reported to Alexa.

Colour Temperature

Group address to which colour temperature commands coming from Alexa should be sent. Alexa supports absolute and relative commands for colour temperature.

e.g. "Alexa, set [DEVICE] to 4000 kelvin." or "Alexa, make [DEVICE] warmer/cooler."

The app uses a step size of 200 kelvin for relative commands and sends the adjusted value on this group address.

Colour Temperature State

Group address from which the colour temperature state is reported to Alexa.

5.2.6 WINDOW COVERING

Move the roller shutter to a certain position. Example command: *"Alexa, set [Roller Shutter] to 50%."*
Move the roller shutters 25% into a direction. Example command. *"Alexa, raise/lower [Roller Shutter]."*
Move the roller shutters into the lower or upper limit. Example command. *"Alexa, open/close[Roller Shutter]."*

Name

Name of the blind as it should be referred to by Alexa.

Description

Detailed description of the blind.

Display Category

Determines, theoretically, with which icon the device will be displayed in the Alexa app. In practice, as of October 2025, no difference is noticeable.

- Interior Window Covering
- Exterior Window Covering

Position

Group address to which position commands coming from Alexa should be sent.

The voice commands *"Open"* and *"Close"* will move the blind to position 0% and 100% respectively (or reverse, if 'Inverted Control' is checked).

Example commands: *"Alexa, open [Roller Shutter]."*, *"Alexa, set [Roller Shutter] to 50%."*

Relative commands *"up/down"* are also supported.

The app uses a step size of 25% for relative commands and sends the adjusted value on this group address.

Position State

Group address from which the current position is reported to Alexa.

Open/Close

Group address to which the open and close commands are sent from Alexa if no position group address is configured.

Open commands lead to a telegram with value 0, close commands to a telegram with value 1 (or reverse, if 'Inverted Control' is checked). Example command: *"Alexa, open/close [Roller Shutter]."*

Note: If a group address is specified for the position, control via the percentage value is always preferred!

Open/Close State

Group address from which the current state is reported to Alexa, if no position group address is configured.

Inverted Control

Inverts the meaning of the open/close commands. In this case, an open command sends a percentage value of 100% or a 1, and a close command sends a percentage value of 0% or a 0.

One use case is awnings that are retracted at "closed". Relative commands *"down/up"* remain unaffected.

5.2.7 TEMPERATURE CONTROL

Sets, increases or decreases the current setpoint temperature.

For example: "Alexa, set [DEVICE] to 22 degrees." or "Alexa, increase/decrease [DEVICE] by 2 degrees.".

Name

Name of the device as it should be referred to by Alexa.

Description

Detailed description of the device.

Current Temperature State

Group address from which the current temperature is reported to Alexa.

Setpoint Temperature

Group address to which the desired setpoint temperature will be sent, if setpoint temperature adjustment is not used.

Setpoint Temperature State

Group address from which the current setpoint temperature is reported to Alexa. If setpoint temperature adjustment is used, this address must report the base setpoint temperature",

Setpoint Temperature Adjustment

Group address to which the desired setpoint temperature adjustment will be sent. The app determines the desired adjustment value based on the current setpoint temperature and sends it.

Setpoint Adjustment State

Group address from which the current setpoint temperature adjustment is reported. The app adds this value to the current setpoint temperature to determine the actual setpoint temperature and report it to Alexa.

Setpoint Adjustment Step Width

How many degrees should equal one adjustment step.
Common values are 0.5 and 0.1 degrees per step.

Use Setpoint Temperature Adjustment

Instead of setting the setpoint temperature directly, you can use a temperature adjustment. In this mode, the app uses the "*Setpoint Temperature*" address as base setpoint temperature and adds the adjustment value to it to determine the actual setpoint temperature."

5.2.8 GARAGE DOORS

Garage doors can be opened and closed. The open feature must be enabled once in the Alexa app. Alexa will then ask for a PIN code every time, before actually sending the command to open the door.

Name

Name of the garage door as it should be referred to by Alexa.

Description

Detailed description of the garage door.

Open/Close

Group address to which the open and close commands are sent from Alexa.

Standard: open commands lead to telegrams with value 0, close commands to telegrams with value 1.

Reverse if 'Invert Values' is checked.

Open/Close State

Group address from which the door state is reported to Alexa.

Standard: telegrams with value 0 are reported as "opened" to Alexa, telegrams with value 1 are reported as "closed".

Reverse if 'Invert Values' is checked.

Invert Values

If checked, the values will be inverted in their meaning. In this case, 0 will be "*Close*" or "*closed*" and 1 will be "*Open*" or "*opened*".

5.2.9 SCENES

Scene Control

Activate and deactivate scenes. A scene can always be activated via Alexa. You can specify here whether your scenes can also be deactivated.

e.g: "*Alexa, turn on 'tv night'.*" and "*Alexa, turn off 'tv night'.*".

Name

Name of the scene as it should be referred to by Alexa.

Description

Detailed description of the scene.

Trigger Address

Address with which to trigger the scene and optionally also deactivate it.

Trigger Address Data Type

- 1 bit value (EIS1)",
- 1 byte unsigned (EIS14u)

Use Activation Value Only

If checked, Alexa will be informed that the scene can only be activated.

Value to Activate

Must be one of "1" or "0" if you chose the 1 bit value data type. "1" will be used if you set an unsupported value.

Value to Deactivate

Must be one of "1" or "0" if you chose the 1 bit value data type. "0" will be used if you set an unsupported value.

6 WORKING WITH THE SMART HOME APP

In order to control your KNX® devices using voice control, you will need an Amazon account and an Amazon Alexa-compatible device in addition to the **APPMODULE** and the Alexa KNX Connect Smart Home app.

6.1 ON/OFF SWITCH

A 1 bit value (1) is sent for on and (0) for off command (DPT 1.001).

Structure of the voice command:

- "Alexa [NAME] ["on" | "off"] "
- "Alexa turn [NAME] ["on" | "off"] "

Example of voice commands for switching on/off:

- "**Alexa turn Kitchen Light on** "
or "**Alexa turn Kitchen Light on** ".
- "**Alexa turn Dining room lighting off** "
or "**Alexa turn Dining room lighting on** ".
- "**Alexa Kitchen Light on** "
or "**Alexa Kitchen Light off** ".
- "**Alexa Dining room lighting off** "
or "**Alexa Dining room lighting on** ".

6.2 DIMMABLE SWITCHES

The device, which is controlled via Alexa by setting percentage values, has the following properties „percentage“ and „switch“. You can therefore switch this device on and off and set an absolute percentage value. In addition, it is possible to increase or decrease the value by voice input. For the switching command, you can specify an extra group address for a 1-bit switching value. If you leave this field empty, the percentage value is set to 0% (Off) or 100% (On) when Alexa requests switching. Previous dimming levels are not considered.

Structure of the voice command:

- "Alexa [NAME] ["on"] | ["off"] "
- "Alexa [NAME] [PERCENTAGEVALUE] "
- "Alexa, set [NAME] [PERCENTAGEVALUE] "
- "Alexa, set [NAME] to [PERCENTAGEVALUE] "
- "Alexa, dim [NAME] to [PERCENTAGEVALUE] "
- "Alexa ["increase" | "decrease"] [NAME] by [PERCENTAGEVALUE] "
- "Alexa [NAME] ["brighter" | "darker"] "
- "Alexa make [NAME] ["brighter" | "darker"] "

Example of voice commands for dimming and setting a percentage value:

- "**Alexa set Living Room Light to 70 percent** "
or "**Alexa set Living Room Light to 30 percent** ".
- "**Alexa, increase the garden lighting by 20 per cent** "
or "**Alexa, decrease the garden lighting by 10 per cent** ".
- "**Alexa, make the living room lights darker** "
or "**Alexa, make the living room lights brighter** ".
- "**Alexa, set the kitchen blinds to 50 per cent** ".
- "**Alexa, set the slats to 70 per cent** ".

6.3 LAMPS

Choose which functionality the light supports. You can use separate R, G, and B colour values or a combined 3 byte value. Alternatively, or additionally, you can use an unsigned 2 byte value for colour temperatures.

Structure of the voice command:

- " Alexa, [NAME] [COLOR] "
- " Alexa, set [NAME] to [COLOR] "
- " Alexa, [NAME] [COLOR TEMPERATURE] "
- " Alexa, make [NAME] [COLOR TEMPERATURE] "

Example of voice commands for switching on/off:

- " **Alexa, set wall lamp to orange** "
or " **Alexa, set wall lamp to blue** "
- " **Alexa, office orange** ".
- " **Alexa, living room warm white** "
- " **Alexa, make bathroom light warm white** "
or " **Alexa, make bathroom light cold white** ".

6.4 WINDOW COVERING

The roller shutter controlled by Alexa has the properties "percentage" and "switch". The shutter can move down and up as, well as a certain position.

The position is given only as a percentage.

For the Shutdown / Move Up command, you can specify an extra group address for the 1-bit value. If you leave this field empty, a percentage value of 100 % / 0 % will be terminated instead of the 1-bit value 1/0.

Examples of voice commands for shutter control.

Structure of the voice command:

- " Alexa [NAME] [PERCENTAGEVALUE] "
- " Alexa [NAME] to [PERCENTAGEVALUE] "
- " Alexa sets [NAME] [PERCENTAGEVALUE] "
- " Alexa drive [NAME] to [PERCENTAGEVALUE] "
- " Alexa ["raise" | "lower"] [NAME] " (*Note: always relative by 25%*)
- " Alexa ["open" | "close"] [NAME] "
- " Alexa [NAME] ["open" | "close"] "

Example of voice commands for dimming and setting a percentage value:

- " **Alexa Living room shading 75%** "
or " **Alexa set Living room shading to 21%** ".
- " **Alexa drive Living room shading to 50%** ".
- " **Alexa raise Kitchen shading 75%** " (per voice command by 25%)
or " **Alexa lower Kitchen shading** " (per voice command by 25%).
- " **Alexa open Dining room shading** "
or " **Alexa close Dining room shading** ".

6.5 TEMPERATURE ADJUSTMENT

Temperature control is just kept simple. Alexa is informed that this is a device where the target temperature can be set absolutely or raised or lowered relatively.

Structure of the voice command:

- "Alexa put [NAME] at [TEMPERATURE] "
- "Alexa ["increase" | "decrease"] [NAME] by [TEMPERATURE] "

Example of voice commands for switching on/off:

- "**Alexa put Bath at 22°C**"
or "**Alexa put Sleeping room at 19°C**".
- "**Alexa increase Bath by 2°C**"
or "**Alexa decrease Sleeping room by 3°C**".

6.6 GARAGE DOORS

Garage doors can be opened and closed.

The open feature must be enabled once in the Alexa app.

Alexa will then ask for a PIN code every time, before actually sending the command to open the door.

Structure of the voice command:

- "Alexa ["open" | "close"] [NAME] "

Example of voice commands for switching on/off:

- "**Alexa open Garage**"
or "**Alexa close Garage**".

In addition, the status query:

- "Alexa, is the garage open/closed? "
or "Alexa, what is the status of the garage door? "

6.7 SCENES

Start and 'end' scenes. A scene can always be switched on via Alexa. You can choose whether a scene can also be ended. Example: 'Alexa, switch on TV night.' and 'Alexa, end TV night.'

Structure of the voice command:

- "Alexa ["start" | "end"] [SCENE NAME] "
- "Alexa, turn ["on" | "off"] [SCENE NAME] "

Example of voice commands for switching on/off:

- "**Alexa, start movie night**"
or "**Alexa, end movie night**".
- "**Alexa, turn on evening scene**"
or "**Alexa, turn off evening scene**".

7 ATTACHMENT

7.1 TIP

In order for Alexa to be able to control the KNX units, these devices must be entered with a name in the Alexa Smart Home App Editor. For this purpose, a unique device name (command) should be assigned. Avoid similar device names (commands) such as "light living room", "light corridor" and "light sleeping", because Alexa will ask you which light to switch on/off if she has not understood the command correctly.

Since the apps can interact with each other (if you have loaded several Smart Home Apps in the **APPMODULE**) via common group addresses, you are able to integrate their functionalities into the voice control with Alexa.

7.2 NOTE ON UPDATING TO ALEXA SKILL V3

This note only applies if an existing Smart Home App version 1 (version number 1.x.y) is updated to Smart Home App version 2 (from version number 2.0.0)!

Updating the Smart Home App from version 1 to version 2.0.0 (or higher) initiates the switch to the '**BAB TECHNOLOGIE EIBPORT V3 Skill**'. Your configured devices will be automatically converted for this skill as soon as you save this instance – then this message will no longer appear.

Further steps are necessary to ensure that your Alexa integration works again. You must obtain a new app token from the **BAB TECHNOLOGIE** Service registration page, enter it here and then save the instance again.

If you have not already done so, activate the "**BAB TECHNOLOGIE EIBPORT V3 Skill**" in your Alexa account and deactivate the "**BAB TECHNOLOGIE APP MODULE**" skill.

Since your devices are reported from another skill to Alexa after the switch, Alexa registers them as new devices, even if the internal ID remains the same on our side. You would then see duplicate devices in your Alexa app, with the old devices reporting errors. We therefore recommend manually removing the old devices from the Alexa app before saving this migrated instance to complete the migration.

To be able to use the extended range of functions of the new app version and the new skill, you should also add to your instance configuration, especially state group addresses. It may also be better to move some of your old "Percentage values/Dimming" devices, which you can now find under "Dimmable switches", to the new "Lamps" category. You can reconfigure these manually as required.

7.3 DATAPOINT TYPES

Function	EIS type	Data point type	Typical value	Data	Identifier
Switching	EIS 1	DPT 1.yyy	[0] = Off FALSE; [1] = On TRUE	1 Bit	1-bit
Relative Dimming	EIS 2	DPT 3.yyy	„Dimming steps“: [[0],[2...7]] Darker [2, 4, 8, 16, 32, 64] -Steps and [[1],[2...7]] Brighter [2, 4, 8, 16, 32, 64]-Steps „Start/Stop Dimming“: [0,8] Stop; [1] Darker und [9] Brighter	4 Bit	4-bit
Time	EIS 3	DPT 10.yyy	hh:mm:ss	3 Byte	Time
Date	EIS 4	DPT 11.yyy	dd:mm:yyyy	3 Byte	Date
Floating point number (short)	EIS 5	DPT 9.yyy	-671 088,64 ... 670 433,28	2 Byte	2-byte float value
Percent, Position, Brightness, ...	EIS 6	DPT 5.yyy	0 ... 100%	1 Byte	8-bit unsigned value
Blinds Drive/adjust	EIS 7	DPT 1.yyy	[0] = up; [1] = down When driving [0,1] = stop	1 Bit	1-bit
Priority	EIS 8	DPT 2.yyy	[0], [1] Switch on, off; [3] = Forced off; [4] = Forced on	2 Bit	1-bit controlled
IEEE Floating point number (long)	EIS 9	DPT 14.yyy	4-Octet float value; IEEE 754	32 Bit	4-byte float value
Counter 16 Bit Unsigned	EIS 10u	DPT 7.yyy	0 ... 65.535	16 Bit	2-byte unsigned value
Counter 16 Bit Signed	EIS 10	DPT 8.yyy	-32.768 ... 32.767	16 Bit	2-byte signed value
Counter 32 Bit Unsigned	EIS 11u	DPT 12.yyy	0 ... 4.294.967.295	32 Bit	4-byte unsigned value
Counter 32 Bit Signed	EIS 11	DPT 13.yyy	-2.147.483.648 ... 2.147.483.647	32 Bit	4-byte signed value
Access control	EIS 12	DPT 15.yyy	Access data	4 Byte	Entrance access
ASCII Character	EIS 13	DPT 4.yyy	Char	1 Byte	Character
Counter 8 Bit Unsigned	EIS 14u	DPT 5.yyy	0 ... 255	8 Bit	8-bit unsigned value
Counter 8 Bit Signed	EIS 14	DPT 6.yyy	-128 ... 127	8 Bit	8-bit signed value
String	EIS 15	DPT 16.yyy	14 Characters	14 Byte	Character string

EIB/KNX devices exchange fixed prescribed data formats with each other. These are defined in types. The old designations of the types are EIS (EIB Interworking Standard). The new designations are DPT (Data Point Type)