

ENGLISH



BAB
TECHNOLOGIE



APPMODULE

THE IoT+ GATEWAY.

APPMODULE

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Included
KNX IP router
functionality



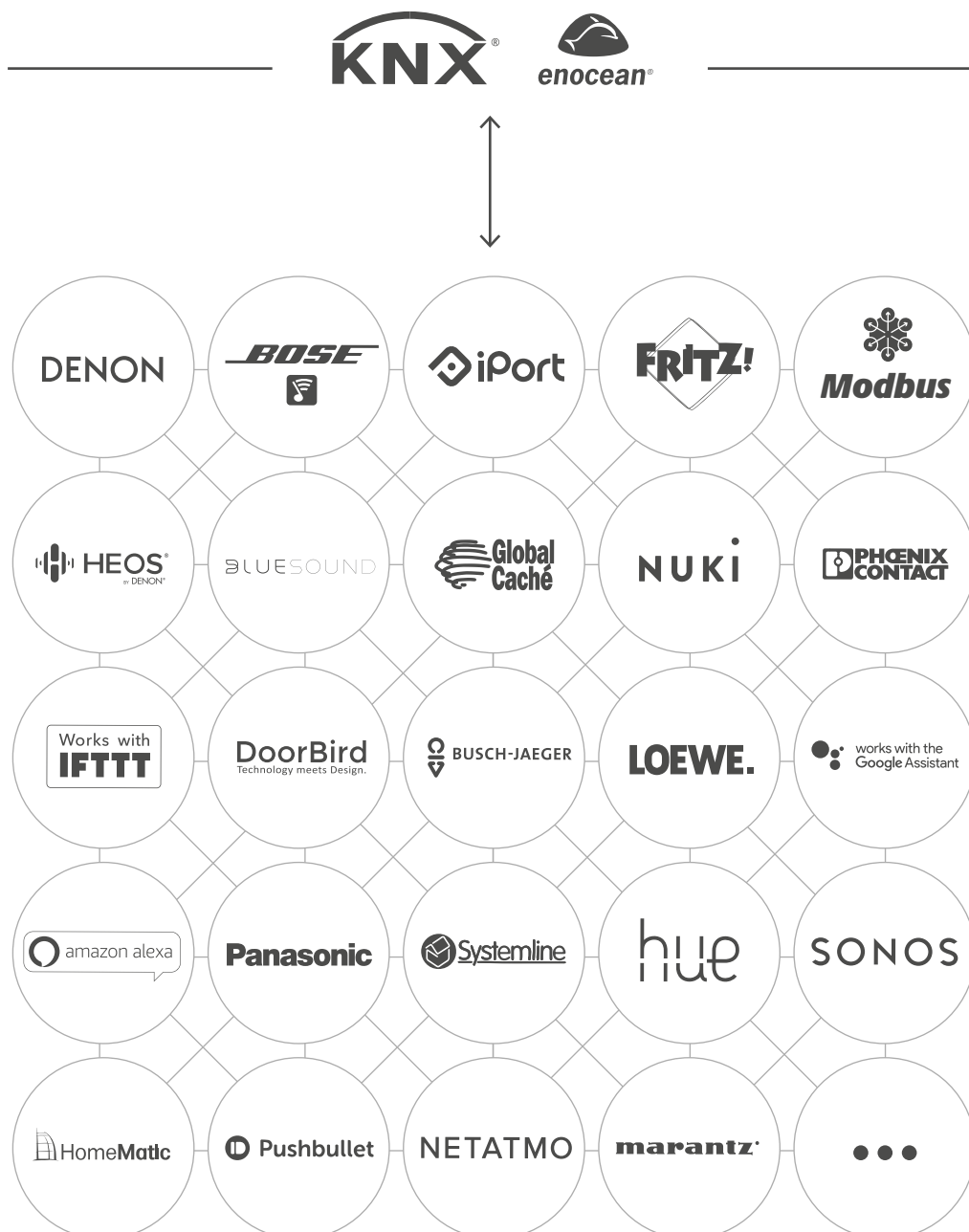
Also available as
RF version



Come Together. With the **APPMODULE** you can easily connect the whole world of IoT with KNX and EnOcean. Whether Amazon® Alexa, SONOS®, Philips® hue, Netatmo®, IFTTT, or DoorBird®: Install your fitting Smart Home App on the **APPMODULE** and get started. Completely simple. Completely uncomplicated. Once integrated, you can control IoT devices with any KNX or EnOcean components. And vice versa, of course. Start your favourite songs with a wall switch, for example, or control your KNX lighting with Amazon® Alexa. In addition to Smart Home Apps for integrating IoT devices and services, the constantly growing portfolio of the **BAB APP MARKET** also offers function enhancements such as intelligent presence simulation. With the brand-new “Smart Screens” you can even control any IoT, KNX and EnOcean devices in one single interface with your smartphone. The direct KNX connection, integrated KNX router functionality and convenient KNX project import complete the **APPMODULE**’s range of features.

COME TOGETHER EVERYTHING UNDER ONE ROOF

Whether TV, multi-room system or LED lights - more and more everyday objects are becoming “smart”. However, these systems are often self-contained. The **APPMODULE** brings them all under one roof and connects them with KNX, EnOcean and even with each other.



FASCINATING TECHNOLOGY

ALL ADVANTAGES IN DETAIL

AS INDIVIDUAL AS YOUR SMARTHOME.

A Smarthome is individual and changes over time. With the **APPMODULE** you extend and change the functionality completely according to your needs. You decide which further functions it should offer. At any time. So the intelligent home of today remains the home of tomorrow.

FULL INTEGRATION. FULL CONTROL.

With the help of Smart Home Apps, you can integrate numerous IoT devices and services into your building automation based on KNX and EnOcean. Choose from a wide range of products in the **BAB APP MARKET** and easily integrate multimedia products, for example: Simply assign an address to the desired function, done. Once integrated, these functions can be controlled with any KNX components, such as push-button sensors.

EXTENSIVE PORTFOLIO.

Whether IoT device or intelligent function extension: The **BAB APP MARKET** offers a growing selection of Smart Home Apps for the intelligent home. Simply download, install and get started. Thanks to the available SDK, third-party manufacturers and developers offer their own apps for the **APPMODULE** in the **BAB APP MARKET**. You can find more information at www.bab-appmarket.de.

CONNECTS WORLDS.

Using the apps available in the **BAB APP MARKET** such as »KNXnet/IP for EnOcean«, »Homematic Control« and »Modbus TCP Connect«, the **APPMODULE** becomes the gateway between different bus systems. This allows you to individually combine the advantages of different bus systems.

SIMPLE AND WEB-BASED CONFIGURATION.

Apps on the **APPMODULE** can be configured easily and platform-independently via a web browser. All Smart Home Apps from the **BAB APP MARKET** offer a uniform configuration interface. So you will find your way immediately.

KNX. ENOCEAN. IP.

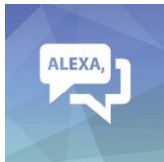
Whether new installation or retrofitting: Equipped with KNX/TP, EnOcean or IP-based interfaces, the **APPMODULE** fits into almost any installation. Even without a bus system, it offers you many advantages. With the Smart Home Apps »PRESENCE« and »Homematic Control«, for example, you can create a presence simulation with Homematic components.

KNX IP ROUTER INCLUDED.

Simply use the **APPMODULE** instead of a conventional KNX IP router. This eliminates the need for a separate device in the installation. It can also be used as a programming interface to the ETS.

FASCINATING VARIETY

SMART HOME APPS



BAB Alexa

With this app you integrate the voice control Alexa from Amazon into your Smart Home based on KNX, EnOcean and IP.



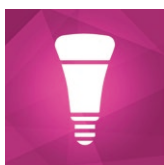
Bluesound Connect

With this Smart Home App you can easily integrate the award-winning wireless Hi-Res sound system from Bluesound® into your existing KNX or EnOcean network. Use any wall buttons or visualisations to control your favourite music.



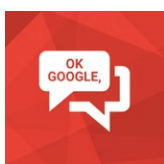
Panasonic Connect

Integrate Panasonic TVs into your Smart Home based on KNX, EnOcean and IP. The seamless connection with »Panasonic Connect« enables controlling with all Smart Home components and building visualisations.



HUE:CONTROL

This app connects your Philips® hue Bridge with KNX or EnOcean so that you have access to all connected Philips hue luminaires within the building automation system. The simple authorisation process makes integration exceptionally easy.



BAB Assistant

With this app you integrate the »Assistant« voice control from Google® into your Smart Home based on KNX, EnOcean and IP.



HEOS Connect

Connect your HEOS devices to the KNX or EnOcean world! Via WLAN you can enjoy the top sound of Denon® in every room. Control the convenient functions via your existing visualisation, any touch sensors, or language assistants such as Alexa.



PLAY

The »PLAY« app makes it easy to connect your SONOS® music system to your KNX or EnOcean system. This means that the controller can be fully integrated into the visualisation, into scenes or controlled with push-button sensors.



DoorBird Control

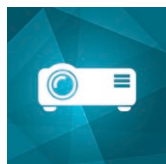
With this app you can effortlessly integrate DoorBird door intercoms into your KNX- or EnOcean® building automation. DoorBird door stations are easy to install and can be used with the existing infrastructure.



IFTTT Connect

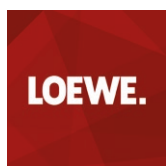
With »IFTTT Connect« you connect all functions of the **APPMODULE** with the web applications of ifttt.com. Transfer KNX counter readings to Google spreadsheets and much more.

FASCINATING VARIETY SMART HOME APPS



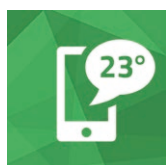
PJLink

With this app, you can control PJLink-compatible devices such as projectors from Sony®, Sharp® or Hitachi® via EnOcean and KNX. In addition to the usual control commands, the range of functions also includes notifications and error diagnoses.



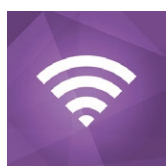
LOEWE Control

With LOEWE Control you can easily integrate your LOEWE® devices into your building automation system. The entire range of control commands is available for operation, e.g. from building visualisation or via push-button sensors.



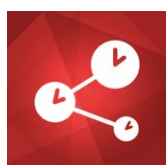
PushIT

With PushBullet, you can transfer information to any end device such as smartphones or tablets with virtually no loss of time. For example, transfer values from temperature sensors or motion detectors and send camera snapshots to any smartphone or tablet.



FritzControl Complete

Control your FRITZ!Box® router and FRITZ!DECT products conveniently via existing KNX and EnOcean clients, link router commands with any scenarios or integrate the call monitor in your KNX visualisation.



Sequencer

With this app you can easily control any participants and switch them into groups individually or defined in time. Create complex scenarios for individual lighting of buildings or comfort scenes.



Homematic Control

Whether KNX or EnOcean: With »Homematic Control« you can connect HomeMatic® components such as motion detectors, window contacts, smoke detectors or radiator thermostats to your building automation system in no time at all.



Soundtouch

Connect your Bose® SoundTouch™ devices to KNX and EnOcean! Via WLAN, you can enjoy Bose® excellence in all rooms and control the convenient functions via your existing visualisation or any touch sensors.



TransRED

TransRED uses the IR-Trans LAN gateways to connect all infrared-capable devices with the building system technology. Nearly all infrared codes are possible. So you can integrate almost the entire range of current consumer electronics into your building automation solution.



Weather

WEATHER intelligently connects your building control with the data from OpenWeatherMap (openweathermap.org). The data allows to integrate the predicted weather into different applications.

FASCINATING VARIETY

SMART HOME APPS



NUKI Control

Connect your Nuki Smart Lock to the KNX and EnOcean worlds and control the convenient functions additionally with all KNX or EnOcean components or via your existing visualisation!



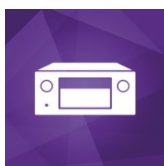
MODBUS TCP Connect

With this app you can connect an existing Modbus gateway to the building automation system via TCP in no time at all.



Netweather

With this app you can connect Netatmo® devices with your building automation in no time at all. Sensors and weather stations thus become a fully integrated part of your building automation.



DE:CONTROL

With DE:CONTROL you can easily integrate your DENON® receiver with network interface into a KNX or EnOcean system. The entire range of control commands is available for operation, e.g. from building visualisation or via push-button sensors.



ASCII Tool

This app enables bidirectional TCP/IP ASCII. Create a protocol consisting of 50 freely definable commands and responses each, including a uniform EOL marker.



Busch-Radio iNet (by Busch-Jaeger®)

With this app you integrate the »Busch-Radio iNet« into your KNX or EnOcean building automation.



A:SMB

With this app, you can integrate iPort® »Surface Mount Button« into an EnOcean or KNX system and use the buttons integrated into the iPad® bracket.



P-Charge

With the P-Charge App you get an extensive integration of the EV Charge Control Basic of PHOENIX CONTACT (EM-CP-PP-ETH) functions into the building automation. So you always have the charge status of your electric vehicle in view.



PRESENCE

»Presence« is an intelligent presence simulation. The app records the desired switching operations while you are at home. In your absence, the recorded data is played back - creating a particularly realistic simulation.

NEW IN THE **APPMODULE** SMART SCREENS

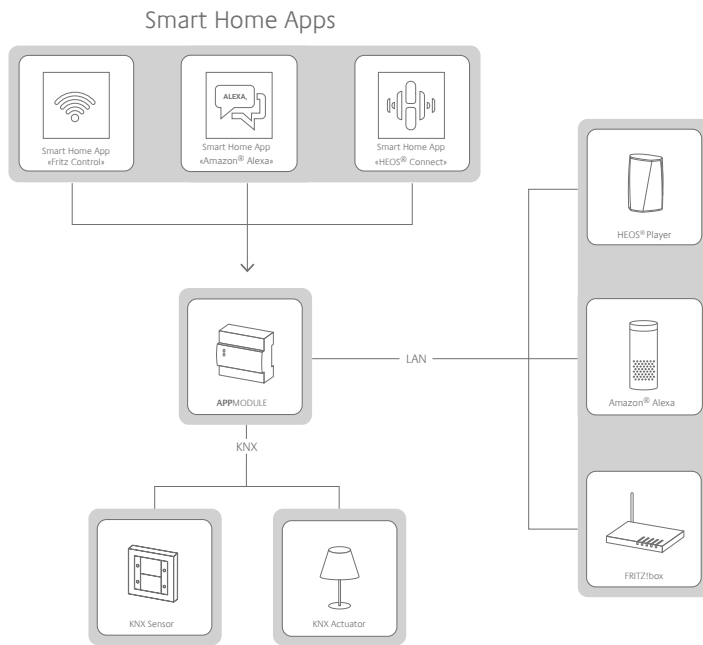


NEW IN THE **APPMODULE**: SMART SCREENS

Control IoT, KNX and EnOcean devices in one interface? No problem with the **APPMODULE** and the brand new "Smart Screens". Whether Philips® hue, Denon® HEOS, SONOS® or DoorBird: All Smart Home Apps installed on the **APPMODULE** can now be controlled directly with your smartphone. Simply download "Smart Screens" from the Apple® AppStore® or Google® Play and connect your smartphone to the **APPMODULE**. Create your first smart screen in just a few minutes and combine the functions of different products - easily and individually. This allows you to control different IoT and KNX components in one interface. It's just as easy to create additional Smart Screens.

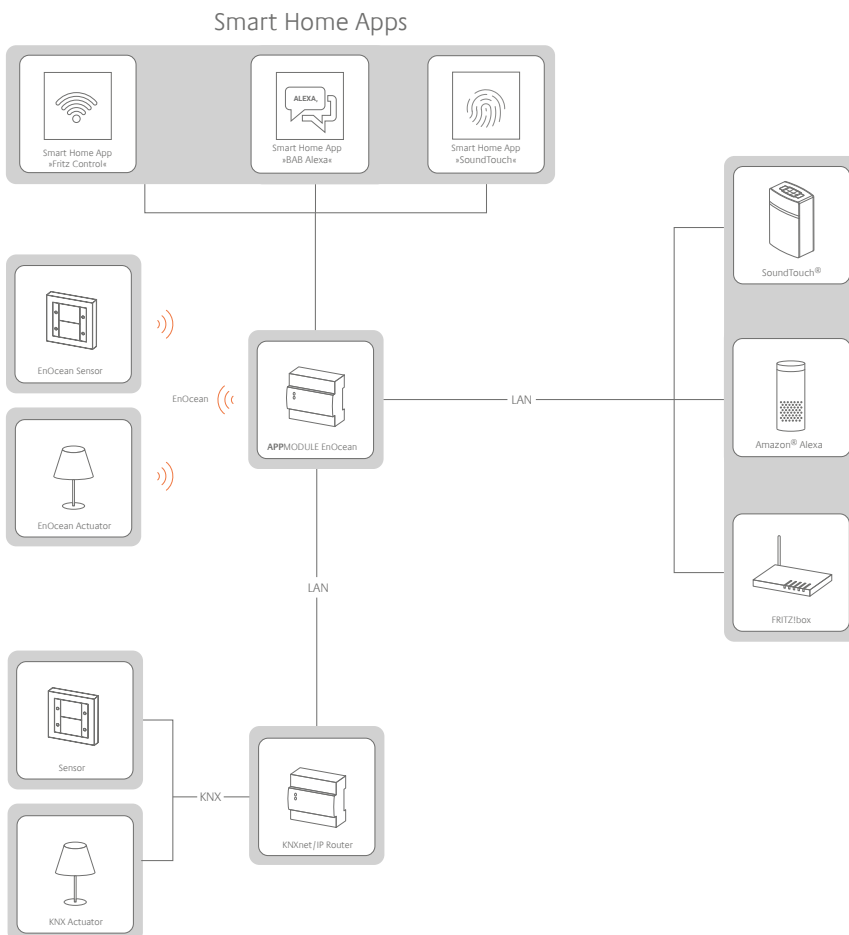
PRODUCT USAGE

THE **APPMODULE** IN USE



KNX

The functions of the FRITZ!Box® and the HEOS® player are triggered either by a KNX button or by a voice command via Amazon® Echo. For example, the guest WLAN can be switched on or playlists can be started. The bi-directional communication allows functions of the FRITZ!Box® (e.g. presence detection) to trigger KNX telegrams.

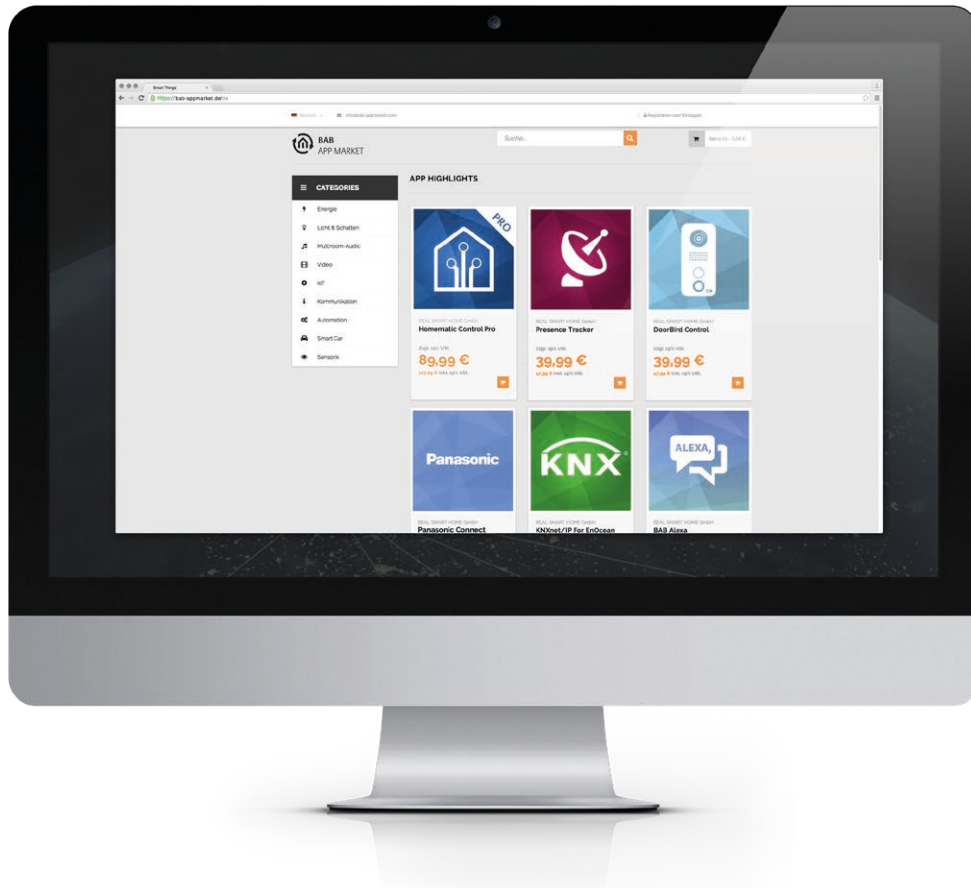


ENOCEAN

The APPMODULE EnOcean receives the EnOcean telegrams directly and triggers the linked functions of the respective Smart Home App. Linked EnOcean actuators can also be controlled, for example by voice input. In conjunction with the smart home app »KNXnet/IP for EnOcean«, the APPMODULE EnOcean also becomes the EnOcean KNXnet/IP gateway. The EnOcean radio telegrams are thus also transmitted to the KNX bus via KNXnet/IP routers. In this way, any KNX devices can be integrated.

BAB APP MARKET

THE SHOP FOR SMART HOME APPS



YOUR IDEAS ARE WORTH CASH. AS APP DEVELOPER, YOU BENEFIT FROM AN ATTRACTIVE REMUNERATION MODEL AND THE COMFORTABLE INFRASTRUCTURE OF THE BAB APP MARKET.

This is how it works: Develop a Smart Home App for the **APPMODULE** with the free SDK. Your Smart Home App will then be checked by us and published in the **BAB APP MARKET**. From now on, you will benefit from every sale of your app and will receive a pro-rata payment on a regular basis.

Whether manufacturer, programmer or enthusiast - with the SDK for the **APPMODULE** and the **BAB APP MARKET** the way into the professional world of the Smart Home is easier than ever before.

Inform yourself now at bab-appmarket.de

OVERVIEW

TECHNICAL DATA

- Operating voltage: 12-32V DC
- Typical power consumption: 300 mA at 12 V DC
- Power consumption: <= 5 W
- Connection: Power supply via screw plug terminal
- Climate resistant: EN 50090-2-2
- Ambient temperature: -5 to + 35 °C
- Relative humidity (non-condensing): 5 % to 80 %

Mechanical Data:

- Mounting: REG housing 4 TE
- Dimensions (W x H x D) in mm: 72 x 90 x 63
- Housing: plastic
- Protection class: IP20 (according to EN 60529)

Interfaces:

- Ethernet via RJ45 socket
- KNX/TP connection
- EnOcean®: external SMA antenna

Special features:

- Many different Smart Home Apps can be combined on one device
- SDK available for manufacturers and developers
- Steadily growing app portfolio in the BAB APP MARKET (bab-appmarket.de)
- EnOcean KNX gateway functionality (13501 only)

System requirements:

- Operating system: independent
- Communication: Network interface
- Browser: current standard browsers

Further Smart Home Apps and free Lite versions can be found at www.bab-appmarket.de

Art. No. 10491	APPMODULE IP	
Art. No. 10495	APPMODULE KNX	
Art. No. 13501	APPMODULE EnOcean	

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«IoT gateway, KNX IP router, visualisation server. With the **APPMODULE** you can easily connect the whole IoT world with KNX and EnOcean.»