

ENGLISH



BAB
TECHNOLOGIE

AUDIOMODULE V3

KNX-MULTIROOM WITHOUT DETOURS

AUDIOMODULE

KNX-MULTIROOM WITHOUT DETOURS



The **AUDIOMODULE** is a high-quality network streaming participant with a digital sound processor (DSP), which is available with either Line-Out or Speaker-Out. Whether as audio client or server: Use the **AUDIOMODULE** completely flexibly.

The direct KNX connection allows you to connect the **AUDIOMODULE** seamlessly to KNX systems. Multi-room audio control with on-site operation via KNX sensors or via central building visualisation is child's play with this **AUDIOMODULE**, which is only four subunits in size.

Theft and tamper-proof installed in the installation distributor, it is perfectly suited for use in commercial buildings such as hotels and public areas.

In addition to the possibility of playing music from local servers or Internet radio stations, the integrated Logitech™ Media Server offers a variety of different functions through the 3rd-party plug-in range. Connect external audio sources such as CD players or televisions easily via the analog input with automatic source switching. Complemented by the web-based configuration, selectable DSP profiles and many available device variants, the **AUDIOMODULE** becomes our best KNX multiroom solution in REG format.

FASCINATING TECHNOLOGY

ALL ADVANTAGES IN DETAIL

MADE-TO-MEASURE

The **AUDIOMODULE** is the ideal product for both commercial and private properties. Whether hotel, medical practice, restaurant or smarthome - offer your customers a professional and scalable multi-room audio solution. Depending on the variant, the **AUDIOMODULE** either supplies an amplifier (line variant) or is connected directly to loudspeakers (speaker variant). A high-quality Class D amplifier provides a dynamic sound. For a particularly discreet installation, it can be used together with wall and ceiling speakers. Select one of the ten different DSP profiles for the perfect sound in all situations.

MULTIROOM WITH OPEN ARCHITECTURE

The **AUDIOMODULE** is based on the proven SqueezeBox™ technology. The sophisticated protocol is ideally suited for multiroom installations. The music data is provided by the Logitech® Media Server (LMS) and transmitted to the modules via the network. The intelligent transmission protocol is extremely lightweight and eliminates the need for an additional network. Thanks to the open architecture, you can easily use additional 3rd party plug-ins for the Logitech® Media Server.

SERVER? CLIENT? OR BOTH?

The **AUDIOMODULE** can be used simultaneously as a server. This means that in addition to playback in your own music zone, you can also use it as a server for other **AUDIOMODULE**s. Smaller multi-room installations can be realised without an additional audio server. This reduces the initial costs and the installation effort.

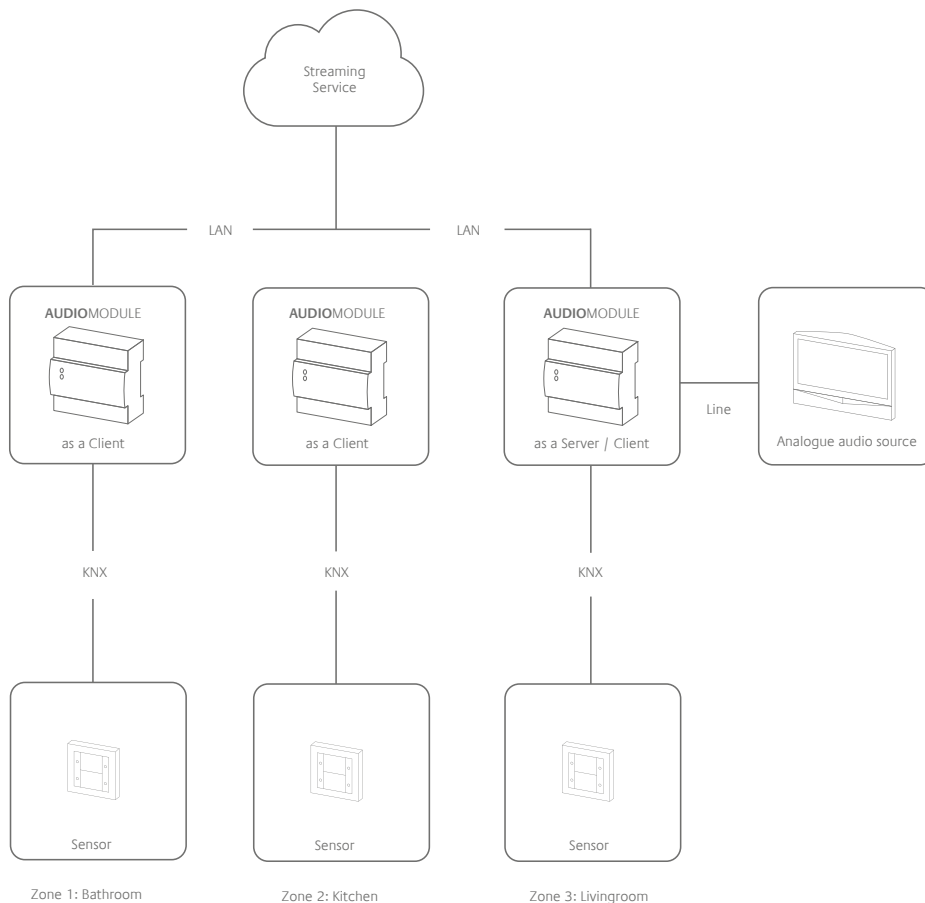
EASY. DYNAMIC. SECURE.

Automatic or manual. The dynamic switching of the aux input makes switching between network streaming and analog playback sources (such as CD players) particularly convenient. The dynamic playlist management ensures that the music titles and covers in a visualisation are always up to date. The direct KNX connection makes integration particularly uncomplicated.

PRODUCT USAGE

THE **AUDIOMODULE** IN USE

AUDIOMODULE AS SERVER

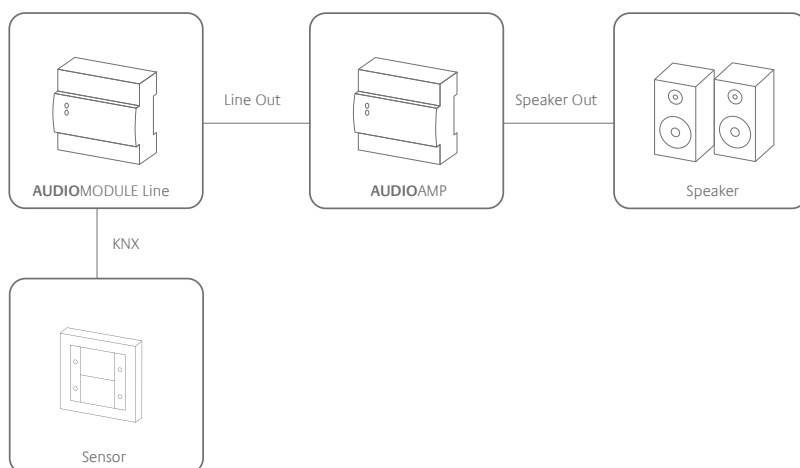


The **AUDIOMODULE**s each work as a client and connect to the central **AUDIOMODULE** (Zone 3: living room), which also functions as a server. This transmits the music - for example from streaming services and Internet radio stations - via the network to the remaining **AUDIOMODULE**s. The system is controlled either via KNX sensors, KNX touch displays or a central building visualisation system. It is also possible to connect your own audio sources via the local audio input (3.5 mm jack socket) (Zone 3). This structure offers an individual musical experience in each single room.

PRODUCT USAGE

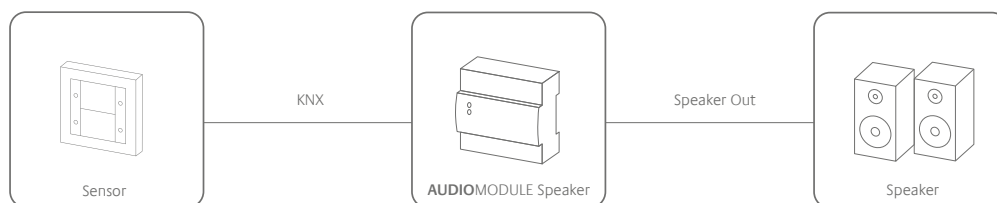
THE **AUDIOMODULE** IN USE

AUDIOMODULE – LINE



The **AUDIOMODULE** Line is connected to existing speakers via an amplifier such as the **AUDIOAMP**. Due to the direct connection to the KNX bus, the playback is controlled by any components such as push-button sensors.

AUDIOMODULE – SPEAKER



The speakers are connected directly to the **AUDIOMODULE** speaker.

OVERVIEW

TECHNICAL DATA

AUDIOMODULE Speaker

- Power supply: 24 V DC / 3 A
- Power consumption: max. 72 W
- Connection: 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 DU
- Dimensions (W x H x D) in mm: 72 x 90 x 63
- Housing: plastic
- Protection class: IP20 (according to EN 60529)

Interfaces:

- KNX: TP via plug-in screw terminal (for art. no. 10516)
- Ethernet via RJ45 socket
- Audio Line-In: 1 Veff at 10 kΩ jack socket
- Loudspeaker connection: 2 x 20 W RMS at 4 Ω
Screw plug-in terminal up to 3.6 mm2
- USB 2.0: 4 x USB stick up to 8 GB each (audio data)

Special features:

- High quality digital sound processor (28/56 bit)
- 24 bit D/A converter
- DSP (Audio) profiles selectable
- Efficient Class-D amplifier
- Can be used as streaming client or server
- Connect the AudioModule to the **EIBPORT** incl. dynamic cover display and playlists using our pre-installed xPL package (xPL-Hub and ExPL-Plugin)
- Automatic and manual switching to Audio Line-In parameterizable
- Integration of 3rd party plug-ins (e.g. Spotify®, UPnP, etc.)

System requirements:

- Operating system: independent
- Communication: Network interface
- Browser: Google Chrome, Mozilla Firefox, Apple Safari

AUDIOMODULE Line

- Operating voltage: 12-32 V DC
- Typical power consumption 350 mA at 12 V DC
- Power consumption: ≤ 5 W
- Connection: 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 DU
- Dimensions (W x H x D) in mm: 72 x 90 x 63
- Housing: plastic
- Protection class: IP20 (according to EN 60529)

Interfaces:

- KNX: TP via plug-in screw terminal (for art. no. 10526)
- Ethernet via RJ45 socket
- Audio Line-In: 1Veff at 10 kΩ jack socket
- Audio Line-Out: 1Veff at 10 kΩ jack socket
- USB 2.0: 4 x USB stick up to 8 GB each (audio data)

Special features:

- High quality digital sound processor (28/56 bit)
- 24 bit D/A converter
- DSP (Audio) profiles selectable
- Can be used as streaming client or server
- Connect the **AUDIOMODULE** to the **EIBPORT** incl. dynamic cover display and playlists using our pre-installed xPL package (xPL-Hub and ExPL-Plugin)
- Automatic and manual switching to Audio Line-In parameterizable
- Integration of 3rd party plug-ins (e.g. Spotify®, UPnP, etc.)

System requirements:

- Operating system: independent
- Communication: Network interface
- Browser: Google Chrome, Mozilla Firefox, Apple Safari

Art. No. 10512	AUDIOMODULE Standalone Speaker	
Art. No. 10522	AUDIOMODULE Standalone Line	
Art. No. 10516	AUDIOMODULE KNX Speaker	
Art. No. 10526	AUDIOMODULE KNX Line	
Art. No. 10540	AUDIOAMP	

«**AUDIOMODULE**. Our best KNX multi-room solution in REG format. Flexible to use, easy to set up and with outstanding sound.»

everywhere at home



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