

Fully integrated.
Revox KNX Gateway
 Everything under control.

- Easy integration into the building technology even without Home Server
- Configuration of all functions and possibilities in the ETS programming software
- Status responses for the most important functions per room
- Eight individually configurable functions per room, e.g. event sequences, controlling external products etc.
- Integration into KNX scenes (1-64) with Revox Multiuser System as a trigger or as a part of the KNX scenes



Integrated into a KNX control

With the new KNX Gateway, the powerful Revox Multiuser System becomes part of the primary building automation system. Revox has been focussing on networking their products with modern building technology for many years and offers sustainable solutions in combining home automation and consumer electronics. The Revox Multiuser System can be controlled from the KNX world, but also from the Revox world commands can be sent to the KNX world in order to make both worlds work hand in hand and to bring maximum benefits to the user.



The Revox KNX Gateway

The KNX Gateway for the Revox Multiuser System was developed in a way to meet the requests of installers and to realise the integration under best possible conditions. The gateway serves as an interface between the Revox audio system and the KNX world. It is arranged in a series mounting case with an installation width of 2 HP. Beside the certified KNX input it offers a LAN network connection for communication with the Multiuser System. The power supply can be effected either by Power over Ethernet (PoE) or externally. Revox offers a high-performance database for the ETS software that allows the configuration of the KNX system. The database contains all communication objects for the audio system.

Each Revox KNX gateway allows the control of up to 10 rooms of the Revox Multiuser System. A Multiuser Server can integrate two KNX Gateways. Thus up to 20 rooms of the audio system can be integrated in a pure KNX control.

Completely individual

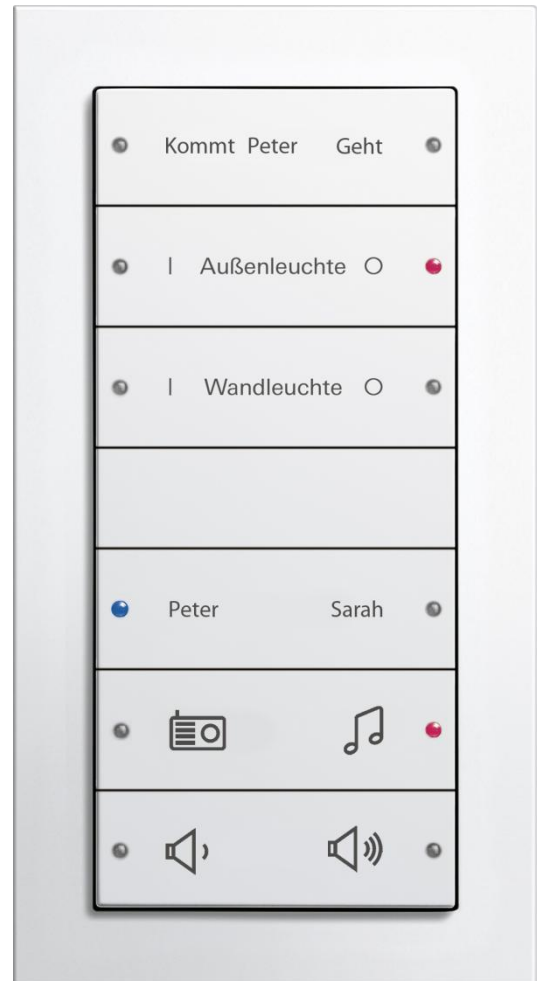
Eight individual user actions can be provided for each room. These actions can be selected from the KNX world with one single keystroke. Completely individual scenes can be stored here, e.g., being woken up gently in the morning by a gradual increase of the volume, up to the integration of TV devices that do not provide their own KNX interface. Many different consumer electronics products can be integrated into the Revox audio system via a driver.

Experience the variety by only one keystroke

In the KNX world scenes can be created and simply reproduced with only one single keystroke. Just imagine: You come home after a long, strenuous day and with only one keystroke in the corridor your house welcomes you with the suitable light and relaxing music in several rooms. Or when leaving, you want to make sure that all electrical items are switched off. Again, only one keystroke at the front door or in the garage will perform this action. The Revox KNX Gateway allows the easy integration of such scenes.

Revox controls KNX

KNX functions can also be controlled from the Revox world. Depending on the conditions in the Multiuser System, commands can be sent to the KNX system. For instance, when you decide to watch a movie in your home cinema, select it with your Revox remote control and Revox will arrange the rest for you. The required amplifiers and sources are switched on and the screen receives the command from the audio system via KNX to smoothly descend from the ceiling as well as the projector. The lighting conditions are adapted to the individual requirements and the blinds are closed automatically.



ETS certified

The configuration of all functions and possibilities is arranged in the ETS programming software. Most of the applications are triggered by a 1-bit command. For the basic functions even status responses are available. Configuration and control of the Revox Multiuser solution combined with KNX have never been so easy.

	Nummer	Name	Objektfunktion	Beschreibung	Gruppenadre:	Länge
■	71	Wohnzimmer: Rückwärts/Vorwärts	Schalten	Previous /Next	10/1/30	1 bit
■	72	Wohnzimmer: Pause	Schalten			1 bit
■	73	Wohnzimmer: Mute Ein/Aus	Schalten	Mute Ein/Aus	10/1/32	1 bit
■	74	Wohnzimmer: Lautstärke relativ	Relativ	Volume relative	10/1/34	4 bit
■	75	Wohnzimmer: Lautstärke Wert	Absolut	Volume absolut	10/1/35	1 byte
■	76	Wohnzimmer: Lautstärke Wert Status	Status	Volume Status	10/1/36	1 byte
■	77	Wohnzimmer: Benutzer Aktion 1	Aktion auslösen	Custom Action 1	10/1/37	1 bit
■	78	Wohnzimmer: Benutzer Aktion 2	Aktion auslösen	Custom Action 2	10/1/38	1 bit
■	79	Wohnzimmer: Benutzer Aktion 3	Aktion auslösen	Custom Action 3	10/1/39	1 bit
■	80	Wohnzimmer: Benutzer Aktion 4	Aktion auslösen	Custom Action 4	10/1/40	1 bit
■	83	Wohnzimmer: Timerereignis 1 Ein/Aus	Schalten	Timer Event 1 On...	10/1/41	1 bit
■	84	Wohnzimmer: Timerereignis 1 Status	Status	Timer Event 1 St...	10/1/42	1 bit
■	85	Wohnzimmer: Timerereignis 2 Ein/Aus	Schalten	Timer Event 2 On...	10/1/43	1 bit
■	86	Wohnzimmer: Timerereignis 2 Status	Status	Timer Event 2 St...	10/1/44	1 bit
■	87	Wohnzimmer: Timerereignis 3 Ein/Aus	Schalten			1 bit
■	88	Wohnzimmer: Timerereignis 3 Status	Status			1 bit
■	89	Wohnzimmer: Timerereignis 4 Ein/Aus	Schalten			1 bit
■	90	Wohnzimmer: Timerereignis 4 Status	Status			1 bit
■	101	Küche: Raum Ein/Aus	Schalten			1 bit
■	102	Küche: Raumstatus	Status			1 bit
■	103	Küche: Benutzer 1/Raum Aus	Schalten			1 bit
■	104	Küche: Benutzer 1 Status	Status			1 bit
■	105	Küche: Benutzer 2/Raum Aus	Schalten			1 bit
■	106	Küche: Benutzer 2 Status	Status			1 bit

(Communication objects in the ETS)

Scope of operation:

- The Revox KNX Gateway can control up to 10 rooms.
- Each Revox Multiuser System can work with up to two Gateways, thus up to 20 rooms are controllable.
- Functions are connected directly with group addresses in the ETS programming software.
- In addition, each room provides eight individual actions, whose functions can be defined in the Revox Server (configurator).
- The Revox Multiuser System is responsive to KNX scene numbers (1 - 64).
- KNX scenes (1 - 64) can be selected from the Revox Multiuser System.
- In addition to the KNX scenes eight user-definable KNX actions (1-bit commands) are available, which can be selected directly out of the Revox world.

