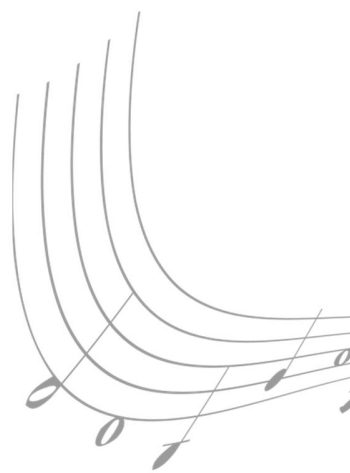
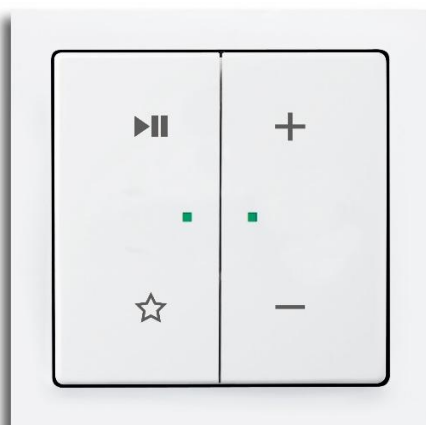
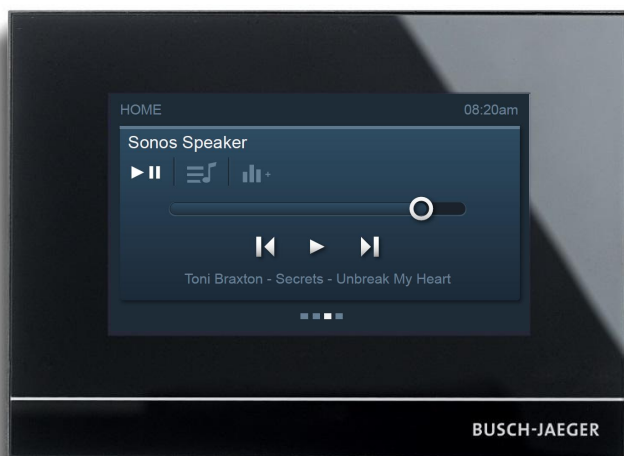


Control of Sonos Speakers with free@home

The Firmware update 2.1.4 enables the integration of the Sonos multiroom audio system into free@home. This allows the customer the control via the installed free@home switches and panels, as well as the integration in time programs and scenes.

Advantages

- Control of Sonos devices via flush mounted switches and Panels. This makes the use of the dedicated Sonos App unnecessary in many cases. Integration of loudspeakers into scenes. This, for example, permits a "Good morning" scene to be created which plays the favourite radio station.
- Creation of Sonos groups via the free@home panel or scenes possible
- Available for all free@home customers after the update to firmware version 2.1.4. Connection to myABB-LivingSpace not necessary
- Easy to set up: When a Sonos system has been detected in the IP network, it will be automatically integrated into free@home (similar to Philips Hue)
- New cover plates with suitable printing in all colours





Product information on ABB-free@home®



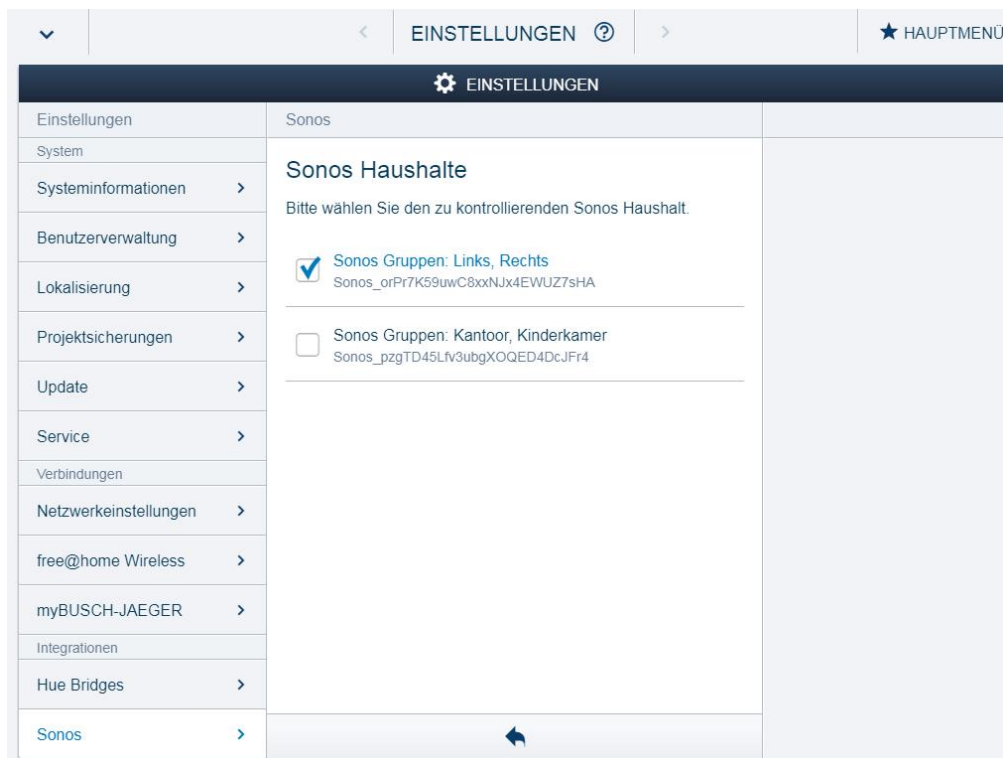
Setup

Prerequisites: The Sonos player must be set up with the aid of the Sonos app and be located in the same IP network as the free@home System Access Point.

Note: For some functions it is necessary to define "Sonos favourites" in the Sonos app before they can be used in free@home.

Limitations: free@home can be coupled only with a Sonos system.

1. Establishing a connection:



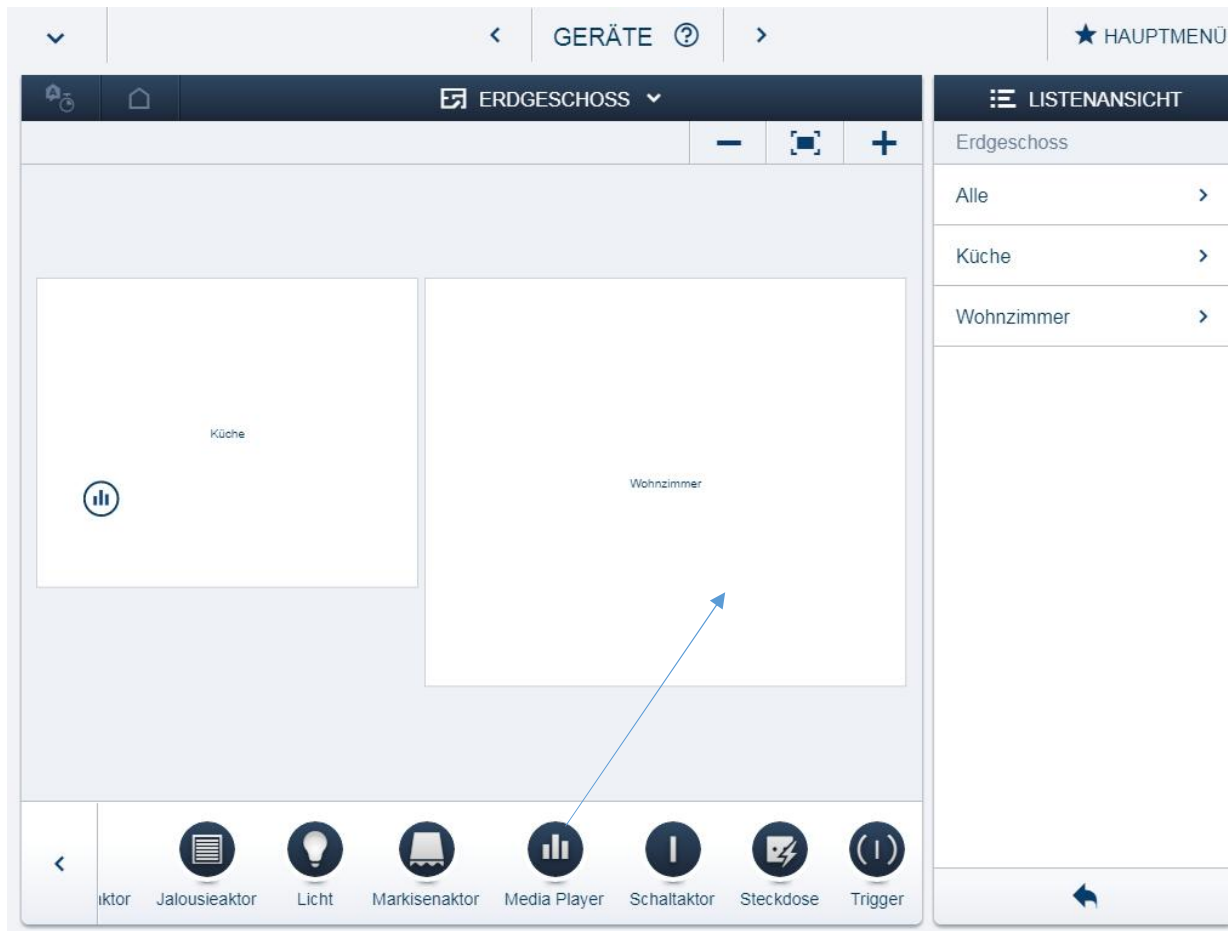
As soon as a Sonos system is detected in the network, the entry "Sonos" appears in the settings menu. The connection is established automatically. free@home can only be connected with one Sonos system. If several Sonos systems are located in a network, all are displayed under the "Sonos" entry and the user can select the desired system.



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2. Positioning the Sonos player on the floor plan:



The Sonos players can now be positioned on the floor plan in the device menu. The names of the players are taken over the way the user has configured them in the Sonos system and cannot be overwritten.

3. Linking

The players can now be linked with a 2gang sensor or a scene. In addition, also buttons for the players can be configured in the panel configuration (currently only for the 4.3" panel -> after the firmware update).



Product information on ABB-free@home®



Operation

App operation

The icon of a Sonos player in the app changes dependent on its status. The replay of a player can be started or stopped with a brief tap (to be able to start a player, a music source must have been selected beforehand).

No replay	Replay	Replay in a group

Control frame and panel operation

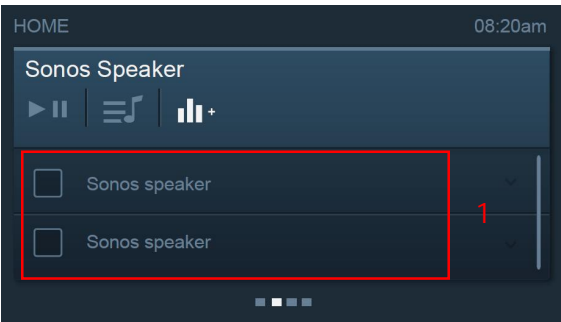
The following buttons are used in the free@home app and on the free@home panel. Each button represents a Sonos player.

Play / Pause menu	
	<ol style="list-style-type: none"> 1. Name of the Sonos player 2. Switchover between play/pause, favourites, group menu 3. Volume of the player 4. Play/pause, skip 5. Current title
Favourites menu	
	<ol style="list-style-type: none"> 1. List of the Sonos favourites. The Sonos favourites list must be created in the Sonos app.



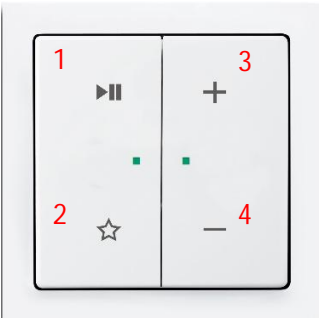
Product information on ABB-free@home®



Group menu	
	<ol style="list-style-type: none">1. Selection of available players. All selected players are combined into a group and synchronously play the selected music. The player to which the button has been allocated is not displayed in the list and cannot be deselected.

Linking a free@home sensor with a Sonos player

The 2gang rocker of a free@home sensor (no matter whether wired or wireless, with or without actuator) can be linked with a Sonos player. The available functions are then fixed:

Operation with push-button	
	<ol style="list-style-type: none">1. Brief press: Play/pause Long press: Next title2. Brief press: Next favourite Long press: Previous title3. Louder4. Softer

A sensor can also be linked with several Sonos players. This, for example, allows the players to be started or stopped together; however, no group is formed. This means that the music will not be played synchronously.



Product information on ABB-free@home®



Integration into scenes

The Sonos players can be linked with scenes. The scene precisely stores the status that is currently being played at the creation of a scene.

This, for example, could allow a "Good morning" scene to be created. This "Good morning" scene is used to store that the players play simultaneously in the kitchen and the living room in a group and that the play list is to play "Coffeehouse music".

Note: If the players are to synchronously play the same music in a scene from the one source, the selection of the players to be grouped must be made in the group menu!

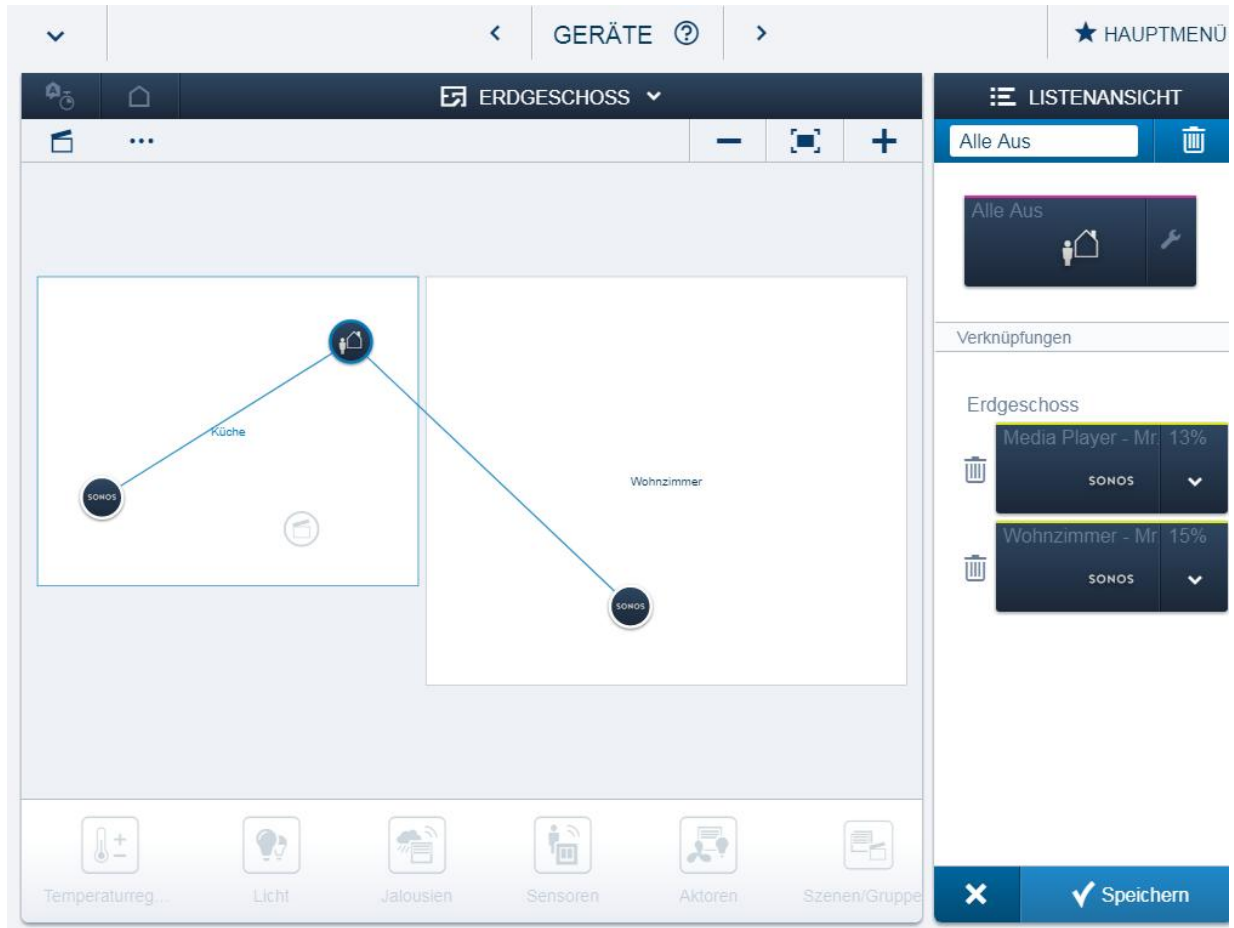
The screenshot shows the ABB-free@home mobile application interface. At the top, there is a navigation bar with a dropdown arrow, left and right arrows, and the text 'GERÄTE' with a question mark icon. Below this is a header for 'ERDGESCHOSS' with a dropdown arrow. The main area is divided into two rooms: 'Küche' and 'Wohnzimmer'. In the 'Küche' room, a Sonos speaker icon is placed. In the 'Wohnzimmer' room, another Sonos speaker icon is placed. A line connects the two speakers, indicating they are grouped. The right sidebar shows a 'LISTENANSICHT' (Listening View) for a scene named 'Guten Morgen'. It displays a playlist with tracks like 'Indie Klassiker', 'Kaffeehausmusik', 'Rock Solid', 'Top of the Morning', and 'WDR 2'. At the bottom, there is a 'Speichern' (Save) button.



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The Sonos players can also be integrated into an "Everything off" scene. For this, all players must be linked with a scene and the replay stopped on all players. The replay is then stopped when the scene is triggered.



Cover plates

To support the integration of Sonos, there are two new rocker printings:

1. Left rocker with printing: Play/Pause
2. Right rocker with printing: Volume



BJE	ABB	Product name
6237-21-XX	SRA-2-L-XX	Rocker/L 2gang, Play/Pause
6237-22-XX	SRA-2-R-XX	Rocker/R 2gang, Volume