



REVOX STUDIOART Speaker User Guide

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REVOX STUDIOART Speaker User Guide

REVOX

Quick Reference Guide

- A100** Active Room Speaker
- P100** Passive Room Speaker
- B100** Bass Module

Please read the Quick Start Guide before use. A detailed instruction manual can be found at www.studioart-revox.com

www.studioart-revox.com

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Overview and Content

Page	Content	Question
1	Touch panel operation	Which everyday functions can be easily controlled directly via the touch field on the top of the glass?
1	Connection panel on the back	Which cables / signals can I connect to the A100?
2	Switching sources and volume	How can I switch sources and adjust the volume on the A100?
3	LED indicator	Which functions do the LEDs on the user interface of the A100 indicate?
4	Passive P100	How can a passive P100 be combined with the active A100?
5	With WPS into the WiFi	How can the A100 be integrated into the WiFi (for iOS or Android devices) using the WPS function?
6	With AirPlay into the WiFi	How can the A100 be integrated into the WiFi at home using AirPlay from iPhone / iPad?
7	With hotspot in the WiFi	How can the A100 be integrated into the WLAN using a hotspot function from Android devices?
8-10	Include speakers	How do you connect an A100 to other STUDIOART speakers wirelessly?
11	STUDIOART App	How is the app structured and what control options does it offer?
12	B100 Bass Module	What setting options does the external STUDIOART subwoofer B100 offer?

All descriptions require a software version [Processor] of at least or higher:

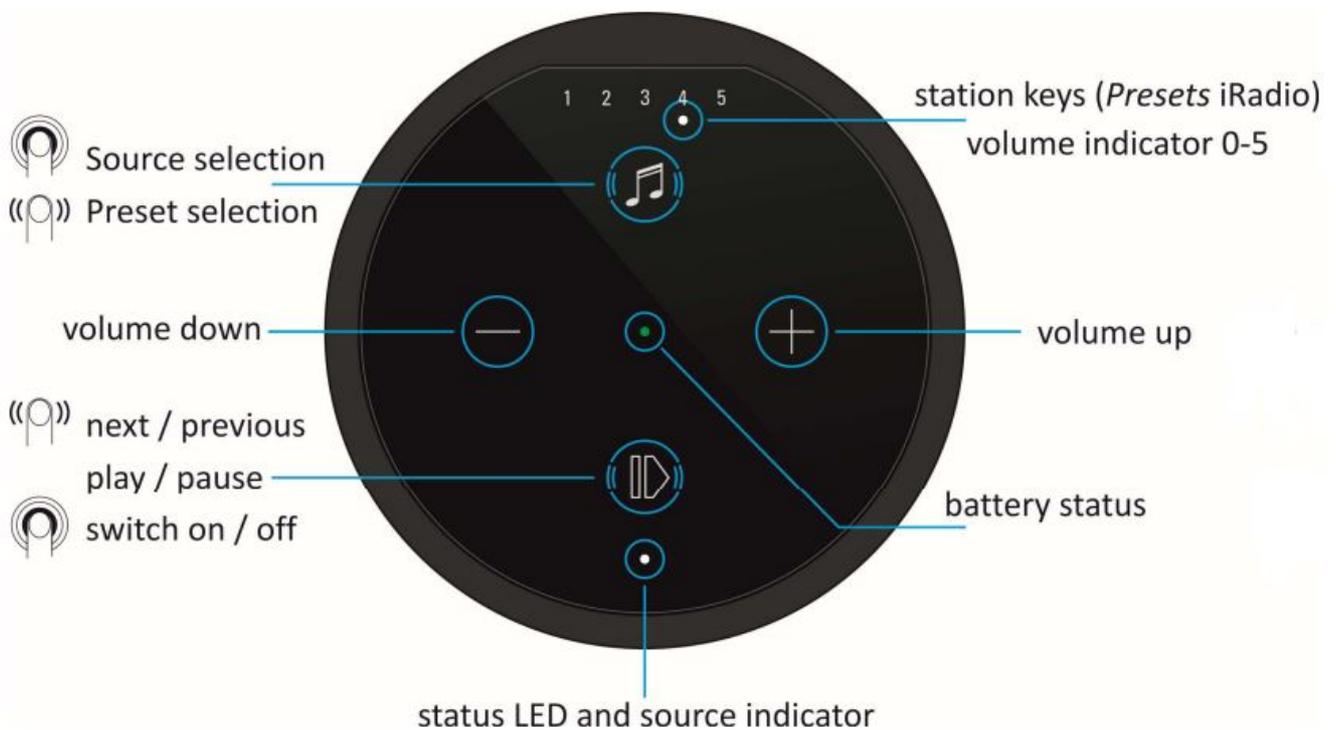
- A100 Active Speaker **V38**
- S100 Audio bar **V61**
- B100 Bass Module **V15**

A possible update is triggered by a restart on the A100 Active Speaker and the S100 Audio bar. Please make sure that the network is available when restarting.

The B100 Bass Module requires the small Windows program B100Updater.exe for an update, which can be downloaded free of charge from www.revox.com. For the update, the B100 is connected to a Windows PC with a USB cable (USB-A to USB micro).

STUDIOART A100 Room Speaker

A100 Overview user controls



A100 connection panel on the back



Charging the battery

Please charge the A100 Room Speaker with the enclosed power supply unit. While the battery is charging, the centre LED lights up bright orange. Once the battery is fully charged, this changes to green.

Switching the A100 on

Press and hold the  button for approx. 2 seconds until the 5 preset LEDs start to flash simultaneously. After approx. 30 seconds, the A100 is ready for operation and the status LED lights up depending on the last selected source.

Switch source

Press and hold the  key until the source LED starts to change colour.

- green ● Local analogue input [3.5 mm jack plug on rear of housing] ⓘ only local playback, not multiroom capable
- blue ● Bluetooth connection [BT name: Revox A100] ⓘ only local playback, not multiroom capable
- white ● [Preset LED]: Stored Internet radio stations. Preset selection by swiping (left/ right) either from  or .

Info: If the A100 is not receiving a music signal at the analog input, the source LED flashes green. Presents 1-5 for Internet radio stations can be set up via the STUDIOART app.

Adjust volume

With the two buttons  and  you can set the desired volume. During volume adjustment, the 5 preset LEDs indicate the approximate volume.

Shut down A100

Press and hold the  (Play / Pause) button for approx. 2 seconds until all LEDs have gone out. The A100 is now completely switched off and can only be switched on again at the A100. The STUDIOART app is not available in this condition.

Put the A100 into standby

Press the button  briefly (Play / Pause). After a break of more than 30 minutes, the A100 automatically goes into standby. In this operating state, the STUDIOART app can be accessed at any time.

Update

An update is only displayed if the A100 (re) establishes a network connection to the Internet. This happens, for example, when the A100 is completely switched off and on again or the network is changed / restarted during operation. With the help of the voice output of the A100 you will be informed about the update procedure in English. The status LED flashes red during the update.

LED indicator A100

Status and source LED

	Colour	Interval	Meaning
	green	permanent	Local analog input playing music signal (Analog IN)
	green	blinking	Local analog input selected, but music signal not available
	blue	blinking	Ready for Bluetooth pairing
	blue	permanent	Bluetooth connection established
	pink	flashing fast	A100 ready for pairing as client speaker
	pink	flashing slowly	A100 ready for pairing as main speaker (Master)
	pink	permanent	A100 is connected speaker (client)
	red	blinking	An update is being installed
	white	flashing slowly	A100 is in hotspot mode
	white	blinking	A100 is connected to the network, no streaming source is currently playing
	white	permanent	A100 is playing streaming source (Internet radio, podcasts, Spotify, etc.)
	white	3x fast/ pause	A100 is in WPS mode and is ready to be coupled with the WiFi router

Battery LED-Status

	Colour	Intervall	Meaning
	green	permanent	Battery is fully charged and can be disconnected from the power supply unit
	orange	permanent	Battery is currently being charged
	red	permanent	Battery has less than 15% charge and should be charged soon
	pink	permanent	A100 is in standby. Wake up by  (play / pause) or app

Preset LEDs-Status

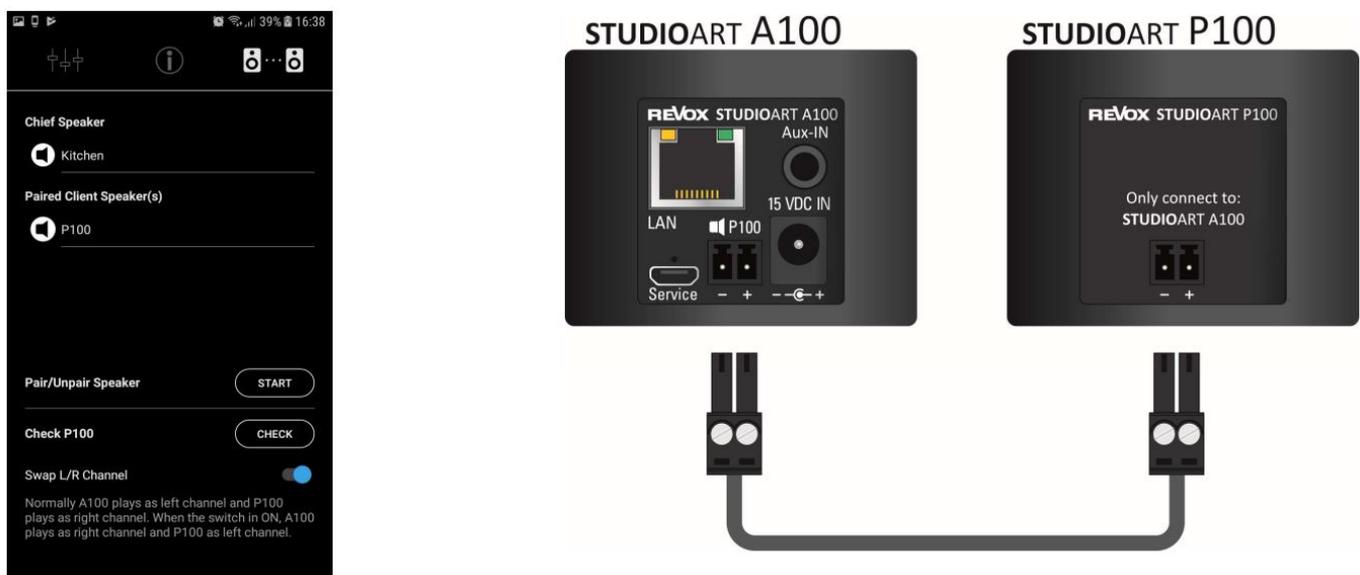
Colour	Number	Meaning
○○○●○	white	1 of 5
●●○○○	white	From 0 up to 5
●●●●●	white	All 5 blinking
		A preset is selected
		Volume display (0-100%) with volume adjustment. Display duration approx. 3 secs
		A100 starting from standby - duration approx. 30 seconds

Connecting the STUDIOART A100 to a passive P100 Room Speaker

When switched off, the STUDIOART A100 can be connected to the passive STUDIOART P100 using the pre-assembled speaker cable (3m). The cable is included with the P100.

During start-up, the A100 will automatically recognize the P100 as the auxiliary speaker and assign it as the right channel. The A100 will play the left channel. If the A100 is on the right, you can simply swap the right / left assignment in the STUDIOART app.

In stereo mode, the battery life is correspondingly slightly shorter than in mono mode. If the P100 was subsequently connected to the A100 when it was already switched on, a P100 search can be carried out using the STUDIOART app. The detection can be started in the setup menu of the A100 with the field CHECK



Integration of A100 in the local network with WPS * function

1. Start A100 and place it in the immediate vicinity of the WLAN router.
2. The following WPS routine must be completed within 2 minutes.
3. Bring A100 into WPS mode: hold + for approx. 10 sec. until a double beep is audible periodically. At halftime, a single beep is heard in advance. Status LED flashes periodically 3 times in a row Press the WPS button on the router. Some routers also have names like "Login" or "Connect"



4. If the A100 has been detected, it is now automatically logged into the wireless network of the router. It requires no additional input of the wireless password key.

Note: A100 as rear AND room loudspeaker

If an A100 is to be used alternately as room loudspeaker and rear / paired loudspeaker (from the Audio bar or A100 second loudspeaker), WLAN integration via WPS is not advisable, as the WLAN password (Key) is only communicated to the A100 once and in encrypted form. In this case, integration via the Apple or Android routine is preferable. More information can be found in the detailed operating instructions on the Redox homepage.

* WPS = automatic connection process of WLAN products. Both devices, router and WLAN product (e.g., A100) must support WPS.

For some wireless routers, WPS is disabled at the factory and must first be enabled in the settings.

Integration of A100 in the local network using an Apple device

1. Download and install the STUDIOART App from the Apple App Store free of charge.
2. Activate A100 hotspot mode: hold + for approx. 5 sec. until a beep is heard periodically. Status LED flashes slowly while A100 sets up its own WLAN (WAC/ Hotspot)



- Now in the WiFi settings of the Apple device, select the A100 as a recognised Airplay speaker (not WiFi hotspot) and follow the Apple configuration wizard. The menu “SET UP NEW AIRPLAY SPEAKER” is shown in the iOS WiFi settings in the lower section, below the list of detected WiFi networks.

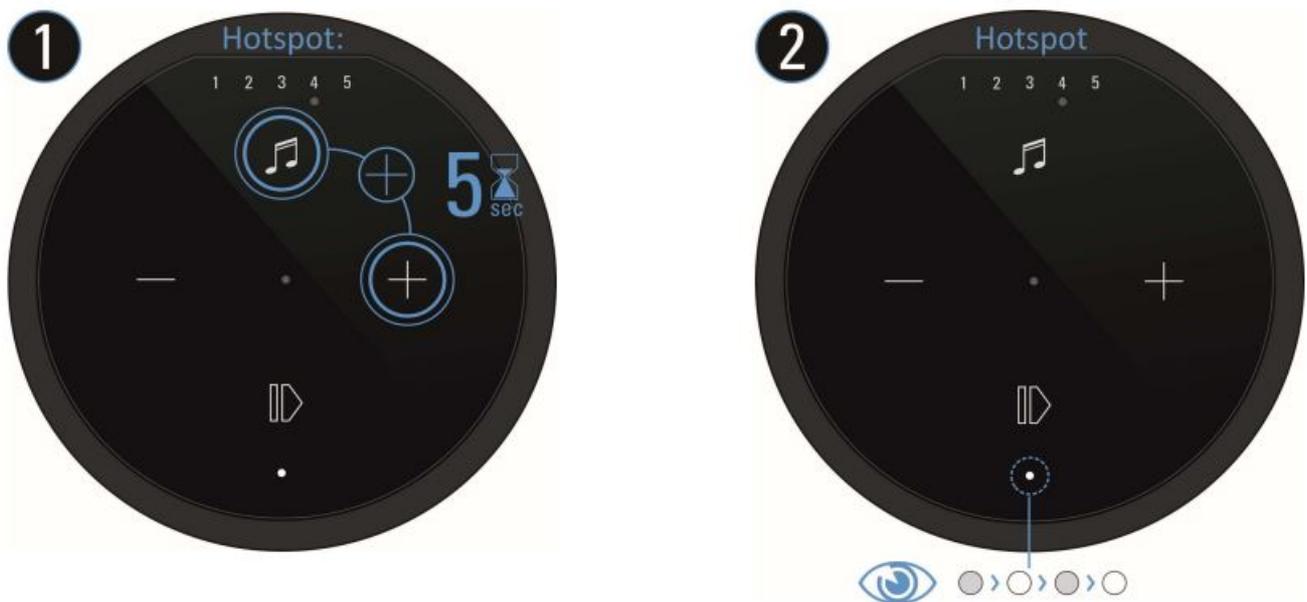
After successful integration, the A100 is displayed as a loudspeaker in the loudspeaker list of the STUDIOART app and can be given a new name in Setup.

* AirPlay = AirPlay is a wireless interface which allows iPhones/iPads to exchange music (data) with other AirPlay-certified devices. AirPlay uses the existing home WiFi network for this purpose. AirPlay also works when the A100 Active speaker is connected to the home network via a wired LAN connection. The A100 supports AirPlay 1 and AirPlay 2.

Integration of A100 in the local network using an Android device

- Download and install the STUDIOART App from the Apple or Google Play Store for free.
- Press the text line “Long press this line to connect a new device” in App
- Follow the 4 steps a – d which the app shows with graphics and text:

a) Activate A100 hotspot mode: hold  +  for approx. 5 sec. until a beep is heard periodically. Status LED flashes slowly while A100 sets up its own WLAN (WAC/ Hotspot).



- In the WLAN settings of the Smartphone/tablet, select the A100 (WLAN name: RevoxA100-xxxx)
- Select the desired future WLAN network and enter the corresponding WLAN key
- In Network settings, select the WLAN in which the A100 is playing

After successful integration, the A100 is displayed as a loudspeaker in the loudspeaker list of the STUDIOART app and can be given a new name in Setup.

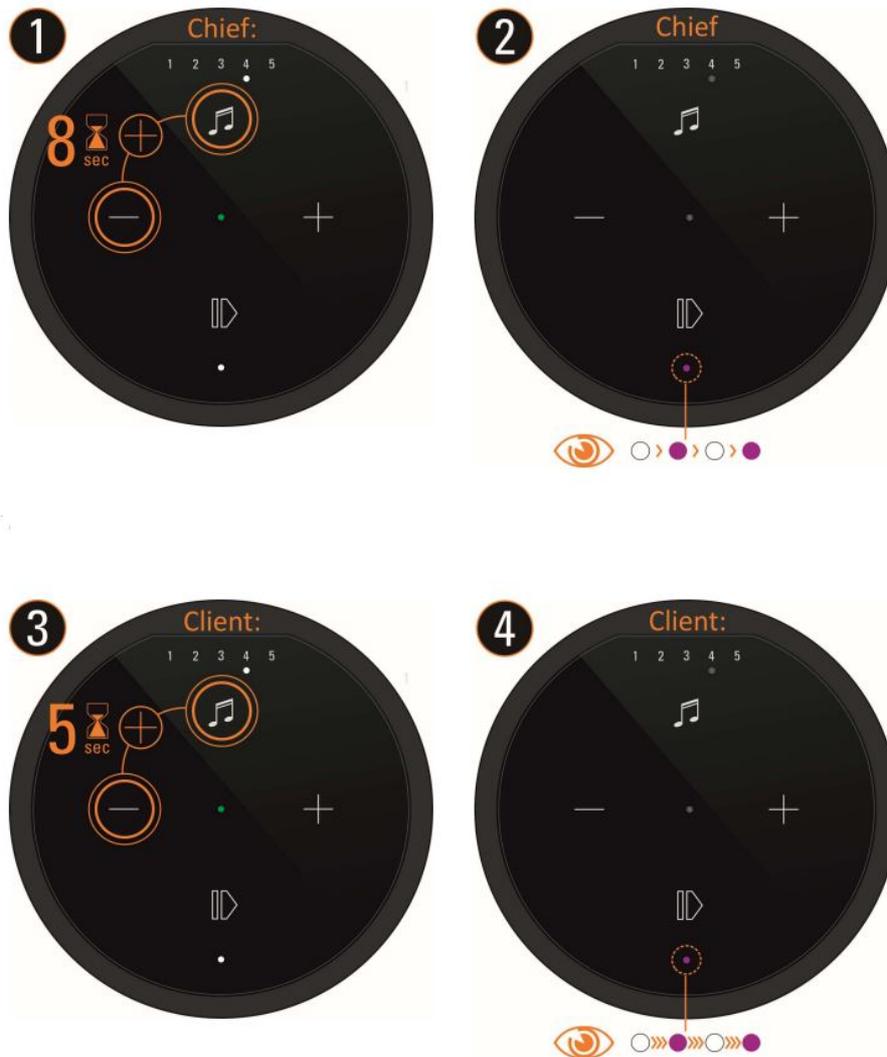
Connecting STUDIOART A100 to another A100 speaker without using the STUDIOART app (via KlearNet)

- Switch on both A100s
- Define first A100 as Master loudspeaker:  +  Hold for more than 8 sec. until a double beep is audible

periodically. At halftime, a single beep is heard in advance. Status LED flashes quickly first, then slowly ●

3. Define second A100 as paired loudspeaker (Client): hold  +  for approx. 5 sec. until a beep is audible periodically. Status LED flashes quickly ●
4. Wait until both devices have discovered each other. The A100 (Master) LED will now show the source with corresponding LED colour and the status LED of the A100 (client) will permanently display the pink LED.

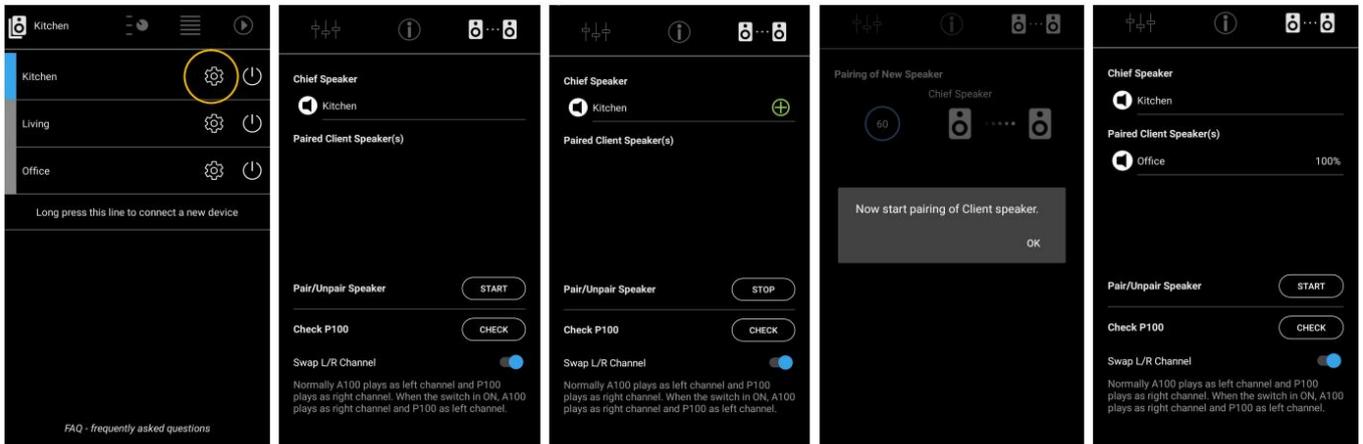
Note: The main speaker (Master) always plays the left channel; the connected speaker (client) the right channel. In the STUDIOART app, the left / right assignment can be swapped later.



Connecting STUDIOART A100 to another A100 speaker using the STUDIOART app (via KlearNet)

1. Switch on both A100s
2. Define first A100 as master loudspeaker: see Figure 1-5 below: # Call A100 Setup  # Select pairing menu  # Activate with START  Pairing # Start connection process with OK # Perform step 3 within 60 seconds – Status LED flashes slowly ● and double beep is audible periodically
3. Define second A100 as connected loudspeaker: hold  +  for approx. 5 sec. – Status LED flashes quickly and a beep is audible periodically

- Wait briefly until both devices have discovered each other. The A100 (Master) LED will now show the source with corresponding LED colour and the status LED on the A100 (client) will permanently display the pink LED.
- End the pairing process with STOP done



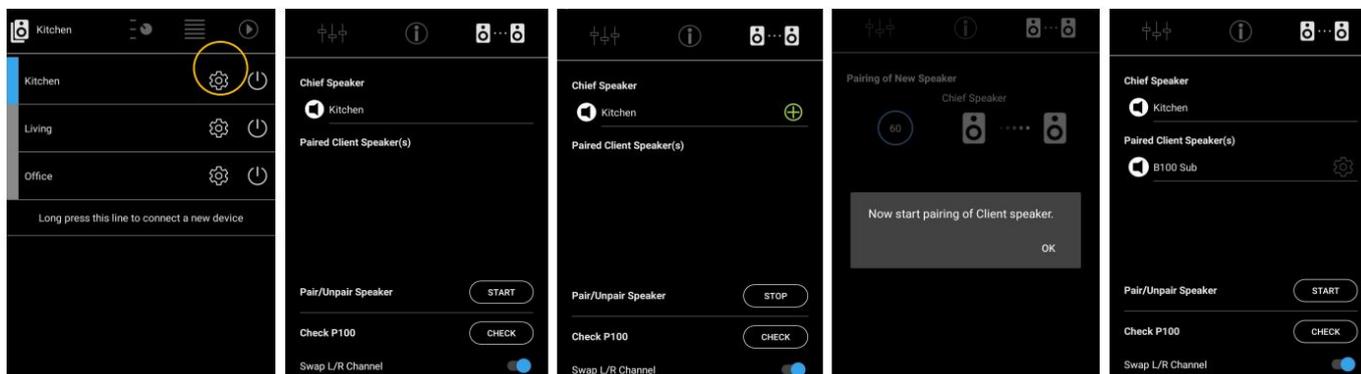
Connecting STUDIOART B100 Bass Module with A100 speaker

WITHOUT the STUDIOART app proceed as follows:

- Switch on the A100
- Switch on the B100 using the mains switch on the rear panel – Status LED lights up 
- Define A100 as master loudspeaker: hold  +  for more than 8 sec – status LED flashes fast first, then slowly 
- Defining B100 as paired loudspeaker: hold the pairing button  ...  blinks on the back of the subwoofer for approx. 5 sec-status LED blinks 
- Wait until both devices have discovered each other. The A100 (Master) LED will now show the source with the corresponding LED colour and the status LED on the B100 will permanently display the pink LED – done.

Proceed as follows WITH the STUDIOART app:

- Switch on the A100
- Switch on the B100 using the mains switch on the rear panel – Status LED lights up 
- Define A100 as the master loudspeaker: #Call A100 Setup  # Select pairing menu  ...  # Activate with START pairing # Start connection process with “OK” # Perform step 4 within 60 seconds – Status LED flashes slowly 
- Defining B100 as paired loudspeaker: Hold the pairing button  ...  on the back of the subwoofer for approx. 5 secs – Status LED flashes 
- Wait until both devices have discovered each other. The A100 (Master) LED will now show the source with the corresponding LED colour and the status LED on the B100 will permanently display the pink LED – done.



STUDIOART App

The STUDIOART app has a classic structure, which is based on the operation of a hi-fi system.

1. First select the device to be operated, here e.g. the A100 speaker. The active device has a blue bar.
2. In the source menu you get an overview of all available audio sources; local inputs or streaming sources.
3. Provides a source with selection options, such as Internet radio, the selection is displayed in list form.
4. At the end of each (source) selection there is the playback view with jump / pause function and volume selection.
5. The symbol opens the power menu with the option of restarting the audio bar or (delayed) putting it into standby.



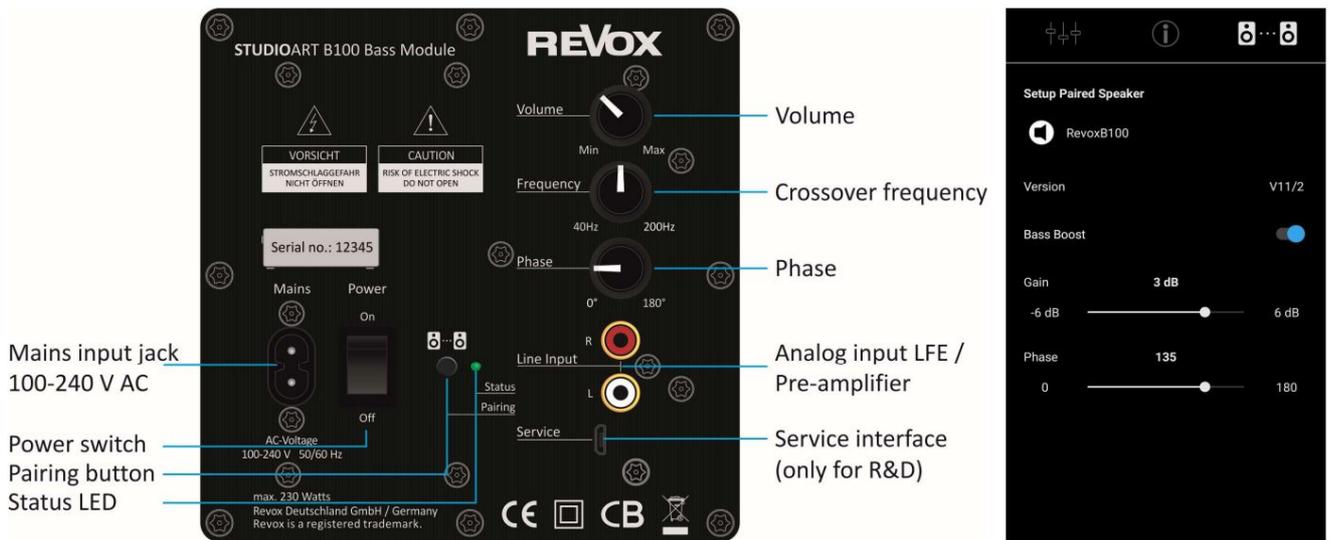
 Basic settings. Audio settings can be made here, network settings checked and additional STUDIOART devices connected and set up.

STUDIOART B100 Bass Module

Important note

The controls for volume, crossover frequency and phase are only effective for signals that are sent to the B100 subwoofer via RCA cables.

In the case of a wireless connection to other STUDIOART products (S100 / A100), the parameter settings are only made via the STUDIOART app. The crossover frequency is automatically determined by the STUDIOART system. The settings for volume (amplification) and phase are set in the STUDIOART app according to the hearing impression.



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