

General

Congratulations on your new hörbert with the **firmware version "Butterfly"**.

Butterfly is the biggest update for all hörbert models from October 2021.

If you already own a hörbert with a firmware version older than "Butterfly" (released in October 2024), you can download the latest butterfly firmware at any time and install it on your hörbert (model from October 2021).

The free download for the Butterfly firmware and installation instructions can be found here: <https://www.hoerbert.com/firmware/>

Under the following link you will find an explanatory video on how to install the firmware. To update to Butterfly, you have to perform this installation manually once. You will then receive all future updates conveniently at the touch of a button.

[VIDEO OF THE FIRMWARE UPDATE VIA THE SET BUTTON](#)

With **Butterfly** you can change hörbert's settings **or** add tracks and web radio stations. There is **no need for a PC, SD card reader or hörbert software**.

For this purpose, hörbert now offers a web user interface, the "**Browser SET Mode**" via Internet browser in a smartphone, tablet or computer.

From version Butterfly onwards, files can also be copied directly to the memory card using a computer with an SD card reader. Hörbert software is no longer required for this, because the order is set in browser SET mode.

Important note on the installation of titles:

Stick to **one** method of editing the contents of your memory cards: Use *either* the browser SET mode *or* the hörbert software on the PC. Mixed operation of the methods is not envisaged and is not recommended.

Do you have any questions? Your hörbert service team will be happy to assist you at any time at the e-mail address **service@hoerbert.com**

Scope of delivery

1 x hörbert - Wooden jukebox

1 x Free memory card edition as selected in the order

4 x AA batteries (However, we recommend operating with 4 rechargeable AA batteries!) **Note:** If you have chosen a hörbert with an optional USB connection, we do not supply batteries or rechargeable batteries. The battery compartment requires 4 x rechargeable batteries (1.2V AA). You will need a standard USB-C cable and a USB power adapter. Any USB power adapter can be used.

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Commissioning of hörbert

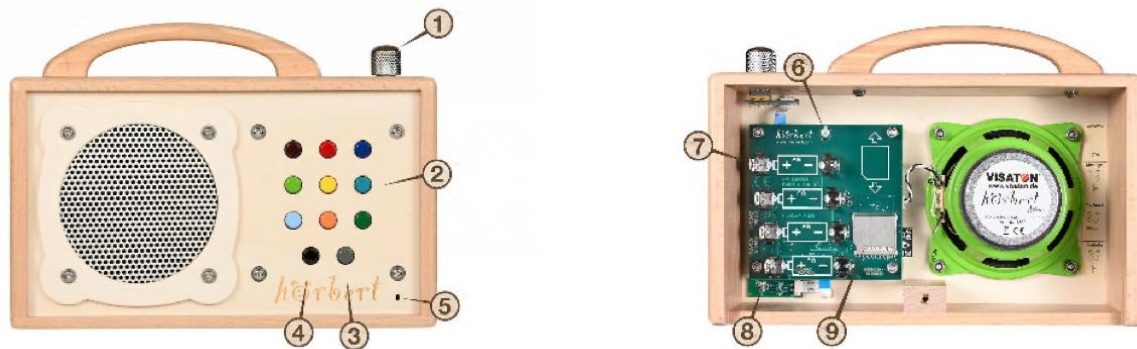


Figure 1 - hörbert's controls

Insert and remove the memory card

Lay down hörbert in front of you, with the colorful keys facing down. To open hörbert, turn the rear wall screw all the way out counterclockwise. A coin is suitable as a tool for this, for example. Now push the back wall downwards. Make sure it doesn't slip out unintentionally. Remove the supplied memory card from the glassine bag or use your own SD card between 4 and 512 GB and insert it into the SD card holder (9) provided inside hörbert Figure 1 - hörbert's controls.

IMPORTANT: Always switch off hörbert before removing or inserting the memory card!

Always handle the SD card and card holder with care, as these parts are very delicate compared to the rest.

Inserting the memory card

Use the printed card symbol above the card holder (9) as a guide Figure 1 - hörbert's controls. Place the card on the symbol and then carefully slide it down into the card holder. The insertion or change of memory cards may only be done by an adult! Format your own SD cards in FAT32 format (or FAT, MSDOSFAT) before using them in hörbert.

Removing the memory card:

The card icon printed above the SD card holder also shows you the direction in which the card needs to be pulled out of the card holder. The memory card has a recess on its upper edge, which makes it easier to pull it out with a fingernail. Other cards can be pushed out with your finger and light pressure from above.

Inserting or changing batteries for hörbert without a USB-C connection

Switch off hörbert before opening the back panel! The insertion or replacement of batteries may only be done by an adult! Lay down hörbert in front of you, with the colorful keys facing down. To open hörbert, turn the rear wall screw all the way out counterclockwise. A coin is suitable as a tool for this, for example. Now push the back wall downwards. Make sure it doesn't slip out unintentionally.

To remove, pull the rechargeable batteries vertically upwards from the battery clips (7) Figure 1 - hörbert's controls. The batteries are very tight so that they do not fall out during mobile operation.

Tip: As an aid, thread a thin string under a battery. This makes it easy to pull out one battery after the other without damaging the board, the battery or the battery clips. Now insert four rechargeable batteries (1.2 or 1.5 V) or AA batteries (1.5 V) into the battery clips (7). Be sure to make sure that the + and - poles are in the correct position. We recommend using batteries as they are good for the environment and do not leak when they are empty.

The rechargeable batteries/batteries audibly snap into place. Now push the back wall back in and screw the back wall screw clockwise. For the last few revolutions, use a coin again as an aid.

Safety note: Do not use batteries where the casing is damaged (e.g. scratched). This can lead to short circuits and damage to the batteries and the device. Always use four batteries of the same type, full of batteries or batteries from the same pack.

Inserting rechargeable batteries in a hörbert with a USB-C connection

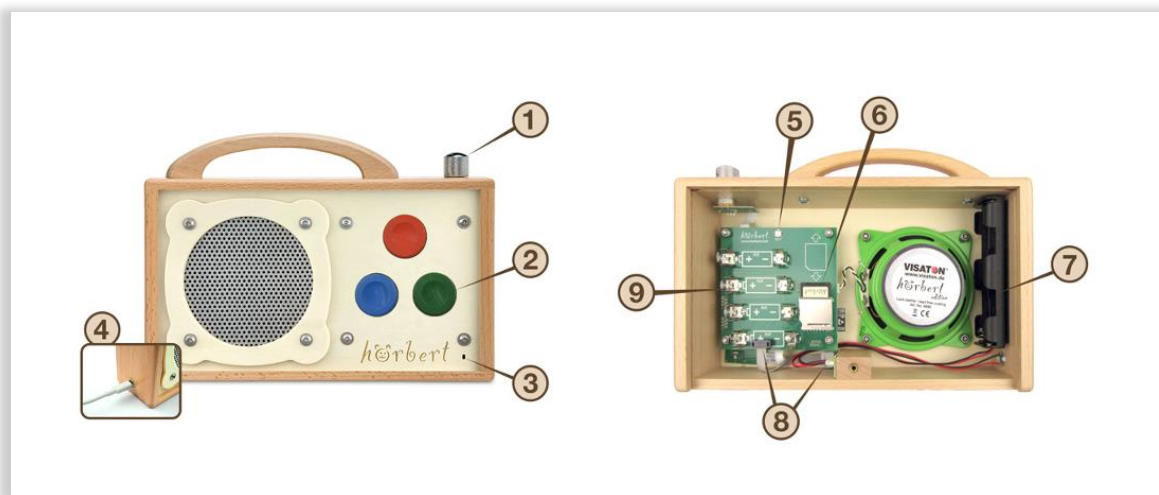


Figure 2 - controls of hörbert with USB-C

Instruction manual for hörbert with firmware "**Butterfly**"

If your hörbert (with 11 or 3 buttons) features an integrated battery compartment (7) for 4 x AA rechargeable batteries and a USB-C port (4) for power connection, here are the instructions for inserting and charging the batteries:

If you plan to use hörbert exclusively via a power outlet through the USB connection, the battery compartment can remain empty. However, if you want to use hörbert wirelessly, insert 4 x NiMH rechargeable batteries (1.2V AA/HR6) into the battery compartment. When hörbert is connected to a power source, these batteries will be charged as needed.

The batteries always remain in their charging compartment (7); they do not need to be removed. The battery clamps (9) on the left side of hörbert remain empty for a hörbert with a USB connection.

To insert the batteries, follow these steps:

- Turn off hörbert before opening the back panel! Battery insertion should only be performed by a responsible adult!
- Place hörbert in front of you with the colorful buttons facing down.
- To open hörbert, unscrew the back panel screw by turning it counterclockwise until it is completely removed. A coin can be used as a tool for this. Then slide the back panel downward to remove it, taking care to avoid accidental dropping.
- The battery compartment is secured with Velcro on the right side (when looking into the interior from above). To remove the compartment, detach it from the Velcro strip, but do not pull on the cable.
- Insert four AA rechargeable batteries, ensuring the correct polarity of the + and – terminals.
- Reattach the battery compartment to the Velcro strip.



figure 3 - compartment for accumulators – Velcro Strip

Instruction manual for hörbert with firmware "**Butterfly**"



Figure 4 - correct polarity of rechargeables - hörbert with USB



Figure 5 - Built-in power supply with accumulators

Safety notice:

- **Never use disposable batteries in the compartment for accumulators!** This can cause serious damage to the device and pose a fire hazard.
- Do not use batteries with damaged casings (e.g. scratched). This can lead to short circuits and damage to both the batteries and the device. Always use four identical, equally charged batteries.

Turn on and off

Turn on hörbert by pressing once on the rotary knob (1) Figure 1 - hörbert's controls. hörbert continues to play after a short acknowledgment tone from the last passage heard. Switch hörbert off again after use by pressing the rotary knob (1) again.

Change the volume

Turn the rotary knob (1) during playback counterclockwise, hörbert becomes quieter. If you turn the rotary knob clockwise, hörbert plays louder.

Navigating through the content

The content on hörbert is organized into playlists. Behind each of the colorful buttons (2) there is a playlist, e.g. a complete music album or a radio play or audio book with all its chapters.

To navigate through the music and stories on hörbert, press one of the colorful playlist buttons (2)) Figure 1 - hörbert's controls. Now hörbert plays the first track of the playlist, which was stored after this button. With repeated press on the same colorful button, hörbert jumps to the next track in the playlist. After the last track, hörbert jumps back to the first track of the playlist.

Fast forward and rebound

As long as the fast-forward button (3) Figure 1 - hörbert's controls is pressed, hörbert plays in fast forward. To help you find a specific passage in a title, you can listen in. Pressing the return button (4) will transport you back to the beginning of the title you are currently playing. If you quickly double-press the black button, you'll be taken to the previous track in the playlist, and so on. This can be repeated until you get back to the first track in this playlist.

Maintenance and care

Wood is a natural product. As such, hörbert's housing may react to moisture by swelling and warping. Although we counteract such problems due to the sturdy construction, you should always keep hörbert dry and not expose it to extreme cold or heat.

Over time, the wooden case will darken. This is also a natural process over which we as manufacturers have no influence.

For cleaning, we recommend wiping hörbert with a damp cloth. Do not use cleaning agents, as they can cause discoloration, or be absorbed by the wood and then slowly released into the environment. hörbert has a saliva-resistant and sweat-resistant varnish that protects the wood from contamination and moisture fluctuations.

Most damage to wood can be corrected with very fine sandpaper, because wood is a very good-natured material in this respect. You can tighten any loose screws yourself with suitable tools. You can also replace spare parts yourself if you have the

necessary manual skills. For all other cases, we exist. Please feel free to contact us if you have any questions or if a repair is necessary.

Settings for hörbert in the Browser Set Mode

SET functions (activation of Bluetooth and Bluetooth pairing, Wi-Fi for Internet radio, sleep timer, voice microphone, piano/forte)

From the firmware version Butterfly onwards, all settings for hörbert's special functions can be made via a web user interface, the so-called **Browser Set Mode**. In addition, the playlists can also be edited in the Browser Set Mode, as well as songs can be added or deleted. In this guide, you will learn how to get into the Browser Set Mode and what options it offers. **The prerequisite for this is that the **Butterfly** firmware (or newer) has been installed.**

In the chapter "

Settings without browser" you will find a description of the functions, which can also be set without the browser set mode.

Start Browser Set Mode

To connect to the hörbert Wi-Fi and enter the browser set mode:

1. Turn on Hörbert
2. **Press the SET** button inside, an ascending sequence of sounds can be heard, and the green LED lights up continuously.
3. On your computer, tablet or mobile phone, find the **Wi-Fi "hoerbert-xx:xx:xx:xx:xx:xx"**, and connect to it. Instead of xx:xx:xx:xx:xx:xx, each hörbert has an individual combination of letters and numbers.
4. The Wi-Fi password is: **hoerbert**
5. Open a web browser, such as Chrome, Safari, or Firefox, and open the website <http://hoerbert.local>
6. It opens hörbert's Browser Set Mode

Mobile view, e.g. on a smartphone/tablet:

Instruction manual for hörbert with firmware "Butterfly"

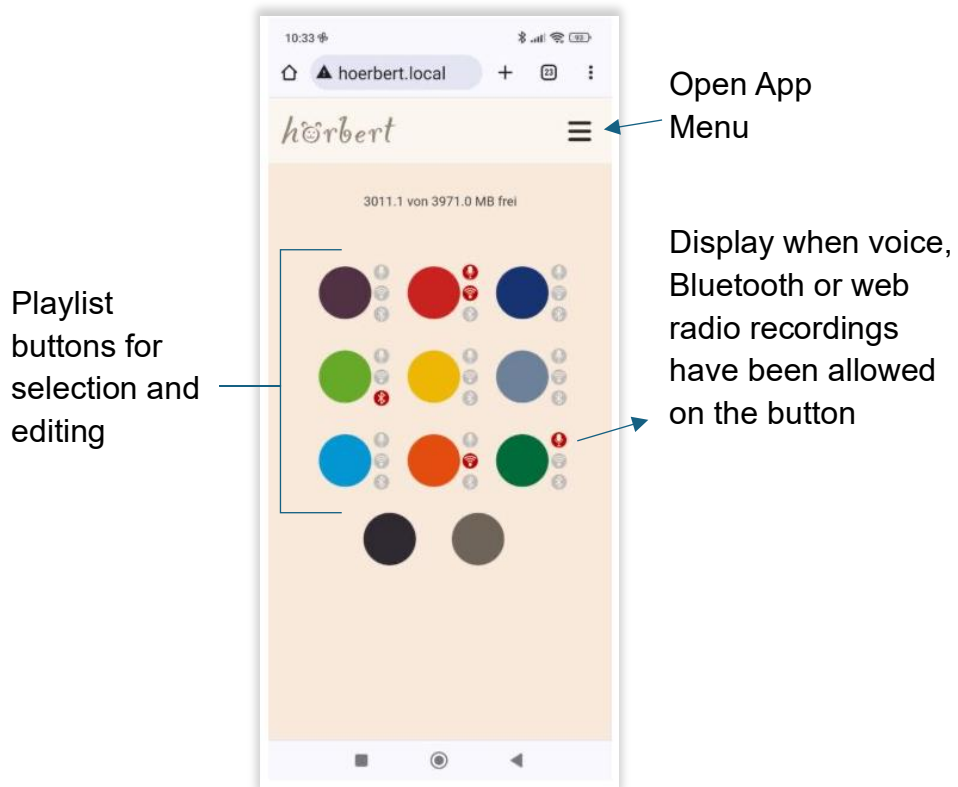


Figure 2 - Mobile View

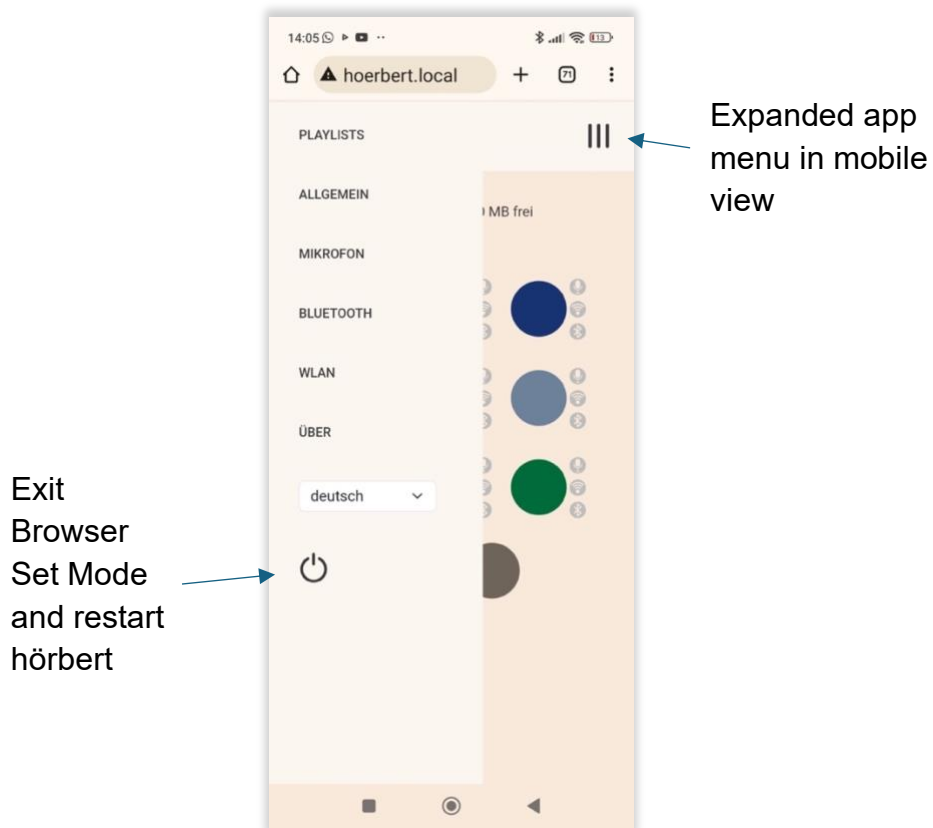


Figure 3 - Main Menu in Mobile View

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View on computer:

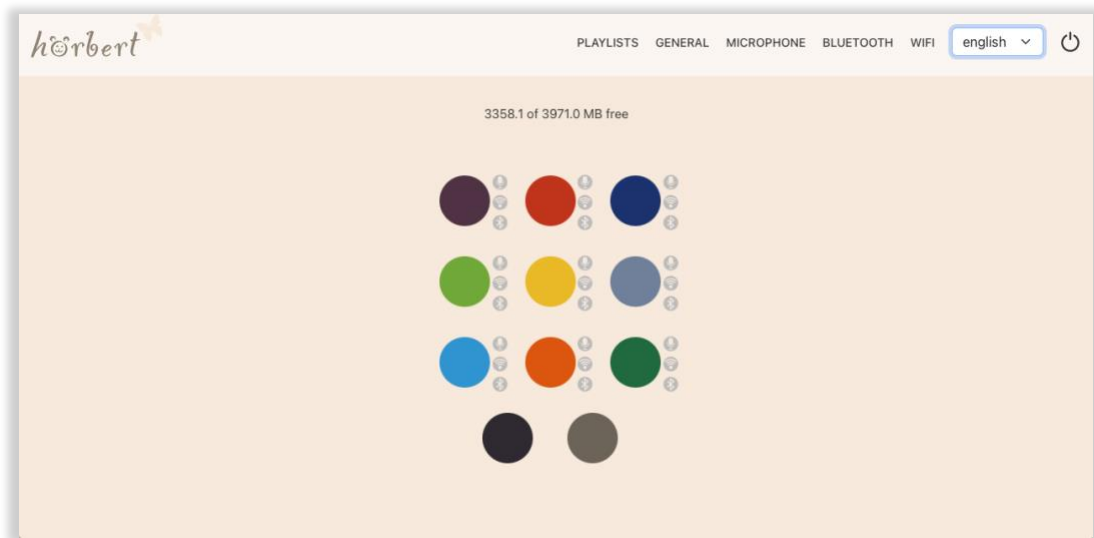


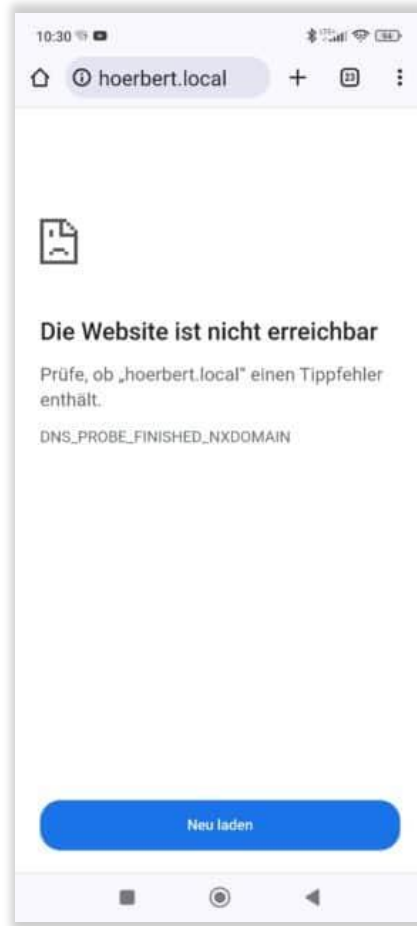
Figure 6 - View on the computer

Note: Mobile phones, tablets or computers check themselves whether the Internet is also accessible via WLAN. Therefore, they may show for the hörbert WLAN various (error) messages such as "limited connectivity" or "poor connection", or "no internet connection". The reason is that there is only a connection *to hörbert* via the hörbert WLAN, and *not to the Internet*. Since the connection to hörbert does not require an internet connection, these messages are unfortunately somewhat misleading.

Android:

For Android devices, the hörbert page sometimes doesn't work right away:

Instruction manual for hörbert with firmware "Butterfly"



→ possible error message:
"The website is not available..."

Figure 7 - Android Browser

The reason: When connecting to the hörbert Wi-Fi, Android displays a message – **sometimes hidden in the background** – that connectivity is limited or the connection is poor. **There is then the question of whether you still want to connect.**

Instruction manual for hörbert with firmware "**Butterfly**"

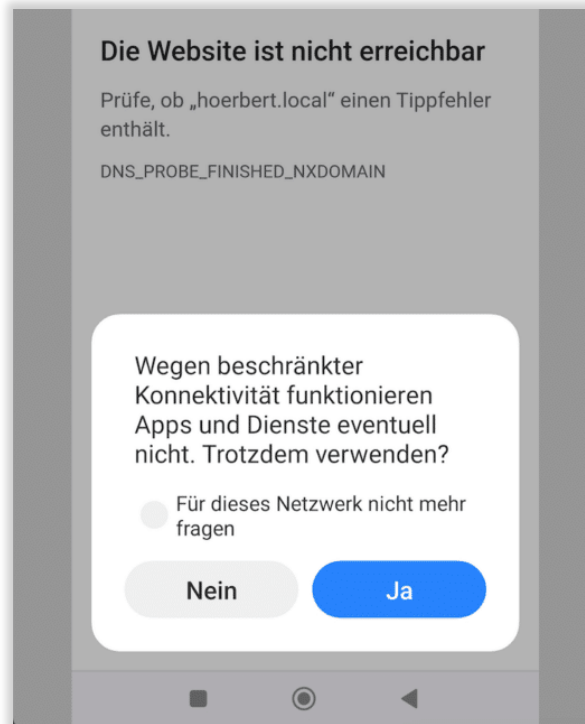


Figure 8 - Android Connectivity Dialog

Confirm this query with "Yes" and select **"Don't ask again for this network"**. Then click on "Reload" again in the first browser.

iPhone:

iPhones display a message for the hörbert WLAN: "No Internet connection". The connection to hörbert will not be affected, so you can ignore this message.

The Browser Set Mode Menu

PLAYLISTS

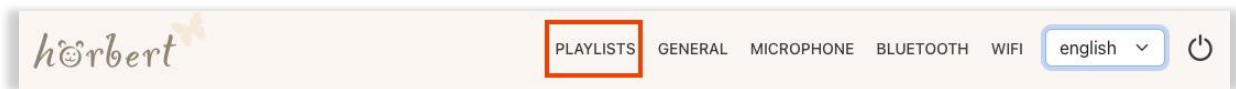


Figure 9 - Playlists menu item

IMPORTANT: Stick with **one** method of editing the contents of the memory card: Use *either* the browser SET mode *or* the hörbert software on the PC. Mixed operation is not planned and is not recommended.

IMPORTANT: Never plug hörbert's memory card on or off when hörbert is switched on or in Browser Set Mode! This can lead to data loss from the memory card.

If you copy audio files from the computer directly to the playlist folders, they will end up at the end of the respective playlist. The order of the titles can be changed later in the Set Mode browser.

The menu item PLAYLISTS shows the colorful hörbert buttons. Select a button you want to edit and click on it. This overview will appear and you will see the "Settings for this playlist" (clickable) or the "Contents of this playlist" (clickable).



Figure 10 - Content of the playlist

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Explanation of the symbols:

Edit title name:



Figure 11 - The Edit Icon

Click on the pencil icon to edit the title of the row.



Figure 12 - Editing Playlist Content

Most changes are saved immediately in the Browser Set Mode. Otherwise, you will find a "Save" button next to some settings. To close the window, simply click on the cross symbol in the upper right corner and you will be taken back to the previous page.

To move tracks to another playlist:



Figure 13 - Move to Another Playlist Icon

By clicking the arrow icon, you can move one or more songs to the beginning or end of *another* playlist. To do this, click on the top or bottom half of the target playlist.

Instruction manual for hörbert with firmware "Butterfly"

Example of moving to the top of the yellow playlist:



Figure 14 - Example of Moving to the Top of a Playlist

Example of moving to the end of the yellow playlist:

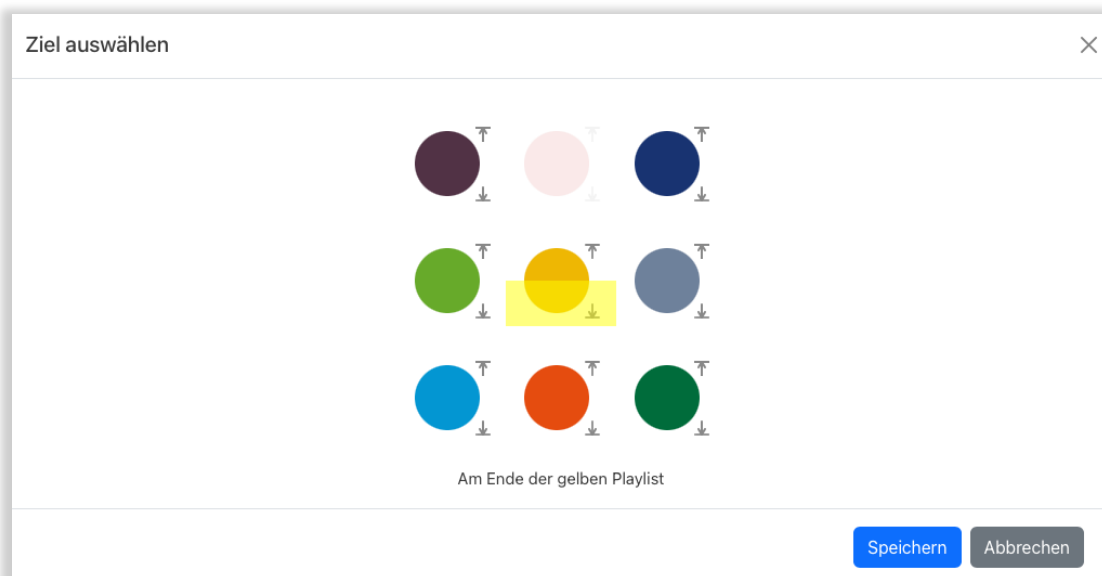


Figure 15 - Example of moving to the end of a playlist

Confirm the move by clicking on the "Save" button.

Instruction manual for hörbert with firmware "Butterfly"

To delete rows from the playlist:

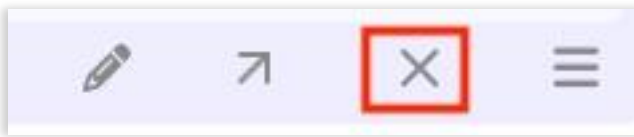


Figure 16 - Delete Icon

The cross symbol deletes one or more rows. Before that, a security prompt appears.

Select multiple rows to move or delete:

To select multiple lines, click them in the free area below the title field. A frame will then appear around the highlighted line. Repeat for more lines. The highlight is removed when a highlighted line is clicked again.

The "Move" and "Delete" functions affect all selected rows, regardless of which row "Move" or "Delete" is clicked in. A security prompt appears before deletion.

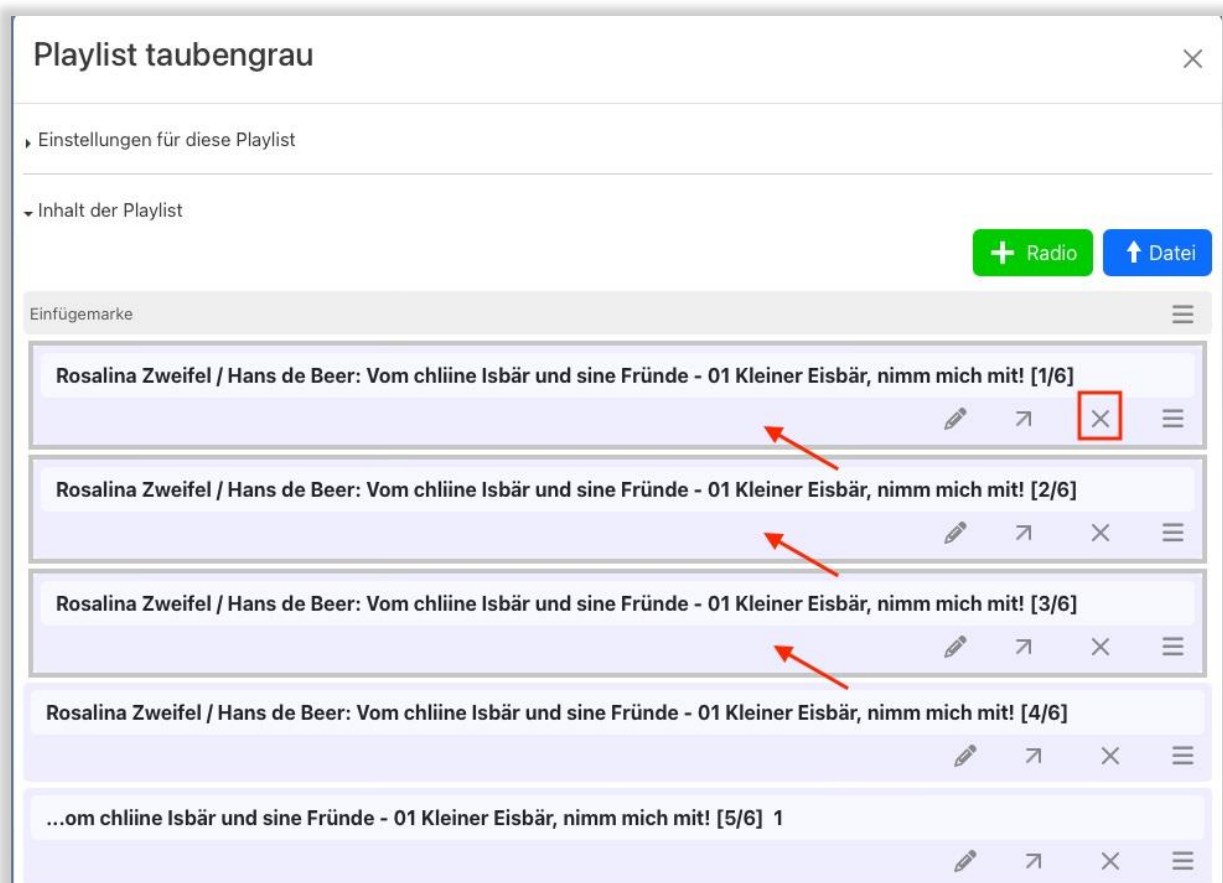


Figure 17 - Deleting Multiple Rows

Move songs within a playlist



Figure 18 - Drag and Move Gripper

To move a row *within* a playlist, click or press the three horizontal lines and move the row. ("drag and drop")

To add a new audio file to a playlist:

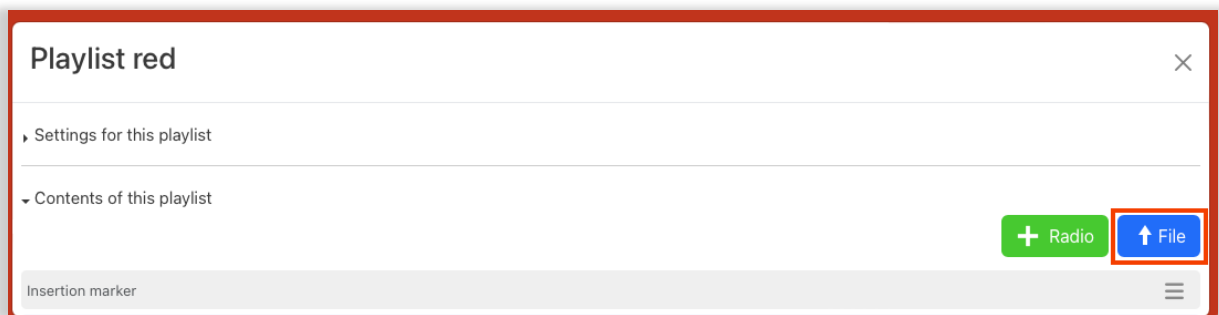


Figure 19 - File Button

To upload one or more files, click the "File" button on your hörbert. In the dialog that follows, select one or more files that will be transferred to your hörbert after confirmation. It may take a few minutes to transfer multiple tracks via the Set Mode browser. Several factors influence the duration, including the quality of the Wi-Fi connection, visible on the Wi-Fi icon of your smartphone/tablet/computer.

The file(s) are always inserted in the place of the "insertion marker" in the playlist. You can click on the insertion marker on the symbol of the three lines and move it ("drag-and-drop").

The fastest way to transfer files is to use a computer with an SD card reader:

Important: Accepted file formats are: wav, mp3 and aac

1.) Insert the hörbert memory card into the SD card reader of the computer, it will be displayed there as a new drive.

2.) Copy the desired audio files to the correct folders on the memory card via "Microsoft Explorer" (Windows) or "Finder" (macOS):

Folder 0: purple playlist, Folder 1: red playlist, Folder 2: dark blue playlist, Folder 3: light green playlist, Folder 4: yellow playlist, Folder 5: dove gray playlist, Folder 6: light blue playlist, Folder 7: orange playlist, Folder 8: dark

green playlist

3.) Eject the memory card with the means of your operating system before pulling it out of the SD card reader.

Files copied by computer are always played by hörbert at the end of the respective playlist. The playing order of the titles can also appear confused, because the order of files in "Explorer" or "Finder" has nothing to do with the playing order in hörbert.

Only the next time you open the playlist in the Set Mode browser, the playback order for hörbert is saved. You can change the order there at any time by moving the rows.

To add Internet radio stations to a playlist:

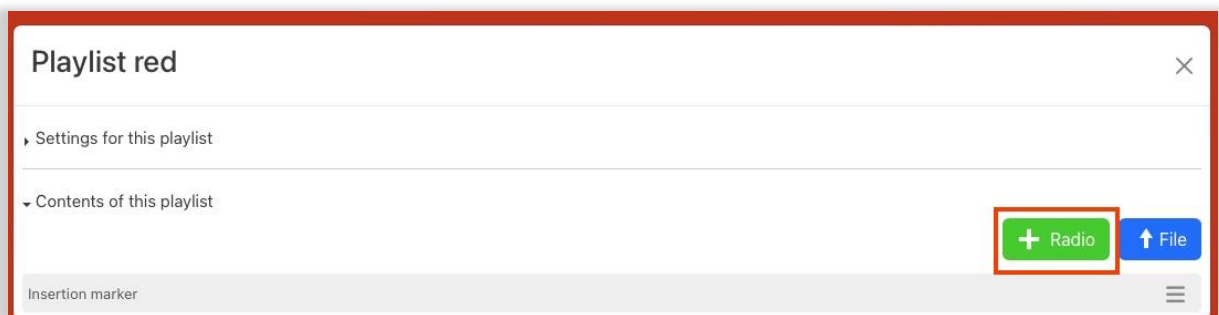


Figure 20 - +Radio Button

Press the green "+ Radio" button and enter part of the station name in the search field.

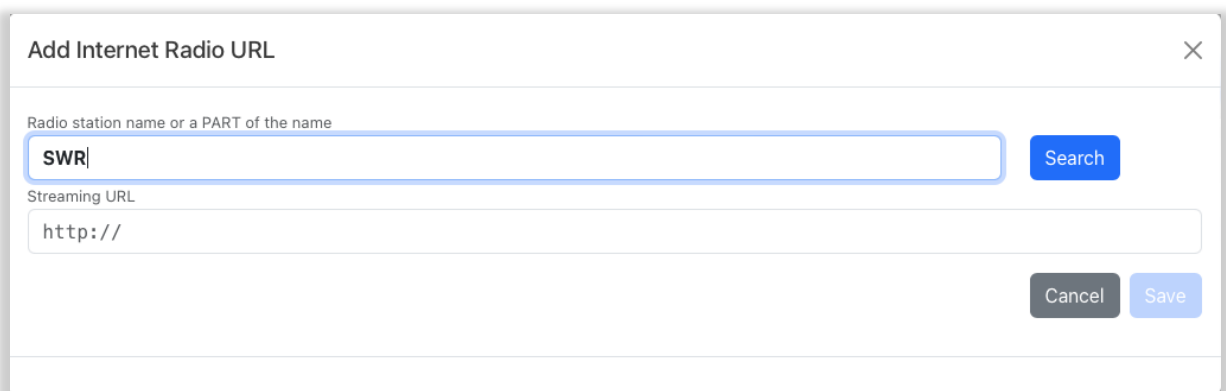


Figure 21 - Search for Internet radio stations

Instruction manual for hörbert with firmware "Butterfly"

Click on the desired station in the list. The station will then be added to the playlist

Add Internet Radio URL

Radio station name or a PART of the name

SWR Search

Streaming URL

http://

Cancel Save

Found: 17

Click an entry to select the radio station

- SWR3 / 11899 Votes
- SWR1 BW / 2797 Votes
- SWR1 Rheinland-Pfalz / 1122 Votes
- SWR Aktuell / 1032 Votes
- SWR2 / 660 Votes
- SWR4 BW [48 aac] / 657 Votes
- SWR 2 / 567 Votes

Figure 22 - Selection list of Internet radio stations

immediately.

Tip: If a URL has a lot of confirmations, it seems to be a popular and working URL.

Radio stations are always inserted in the place of the "insertion marker" in the playlist. You can click on the insertion marker on the symbol of the three lines and move it ("drag-and-drop").

Separate settings for each playlist



Figure 23 - Changing the Settings of a Playlist

Click on the "Settings for this playlist" line

Allow microphone recordings, Bluetooth recordings, and web radio recordings
Select "Allow" for the appropriate source (or "Save to this playlist" for Bluetooth

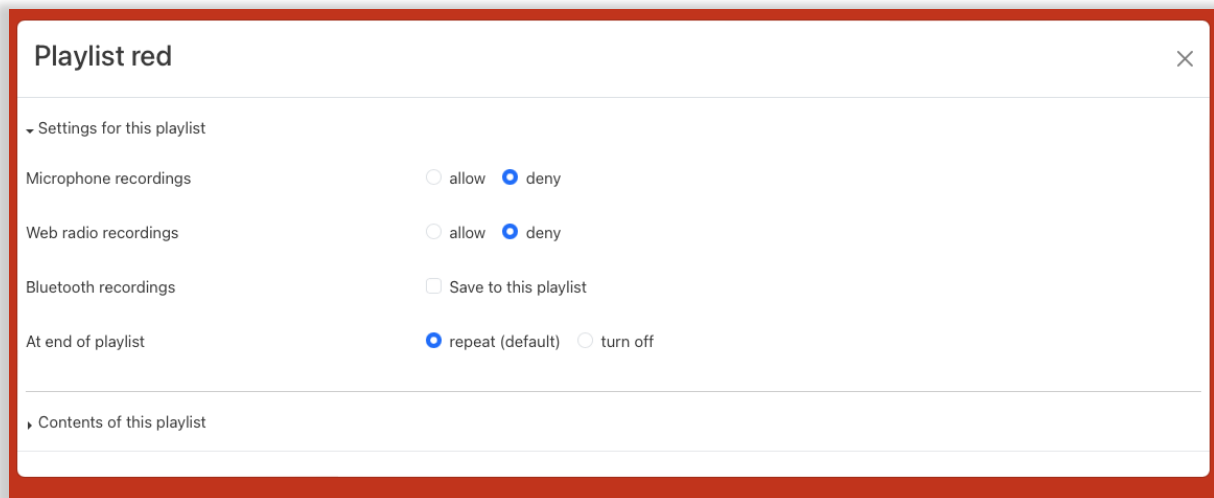


Figure 24 - Allowing or Disallowing Recordings in a Playlist

recordings) if you want to allow recordings from the corresponding source in this playlist. Recordings end up as files in the playlist in which they were started, if such recordings are allowed in this playlist.

Recordings made in Bluetooth streaming mode *can* only be saved to a single playlist because no playlist can be selected for recordings in Bluetooth streaming mode.

Recordings via voice microphone or Internet radio recordings, on the other hand, can also be allowed in several playlists. Such recordings are always saved as a file in the currently selected playlist.

hörbert should switch off at the end of a playlist

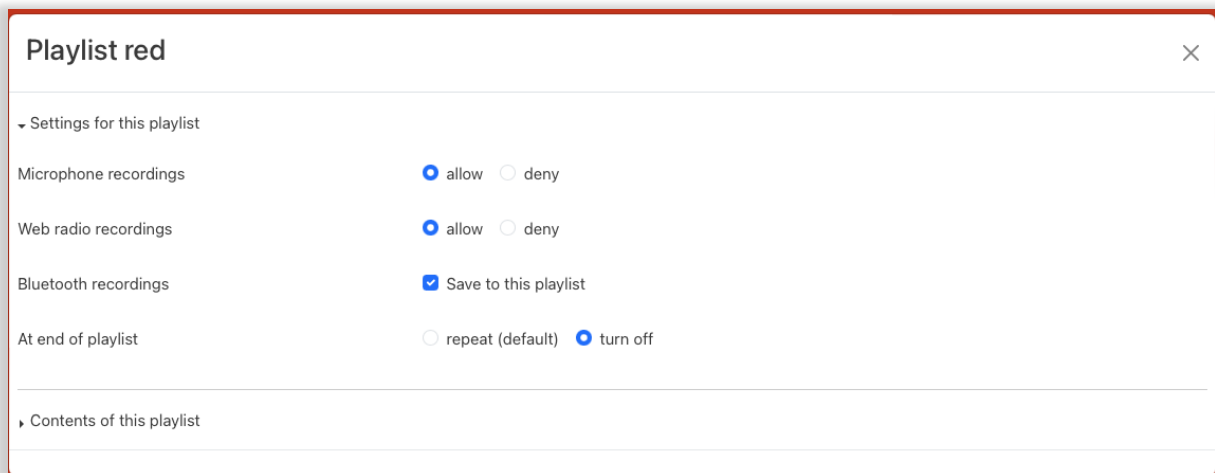


Figure 25 - Switch off at the end of the playlist

When the last track of a playlist has been played, hörbert usually starts all over again at the first track in the playlist. If you do not want this, you can use this settings menu to select that hörbert turns off at the end of this playlist. This setting can be made separately for each individual playlist.

Instruction manual for hörbert with firmware "Butterfly"

GENERAL



Figure 26 - General menu item

The settings under the menu item "General"

Sleep timer:

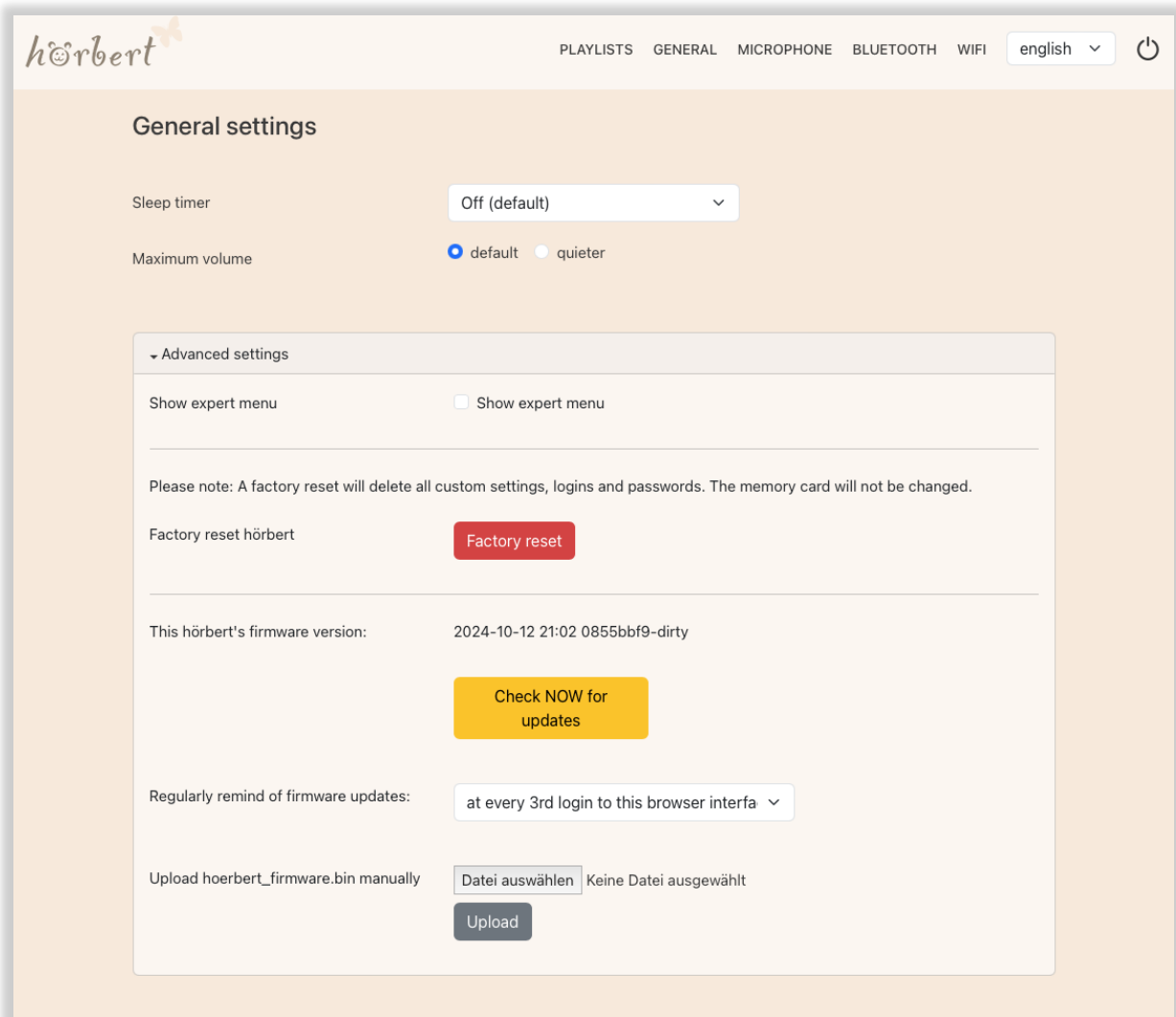


Figure 27 - General functions

Set here after which time hörbert should switch off by itself.

Maximum volume:

Especially for small children, we recommend an even greater limitation of hörbert's volume by setting it "quieter".

Instruction manual for hörbert with firmware "**Butterfly**"

Advanced settings:

To expand the advanced settings, click on the text "Advanced settings" next to the small triangle.

Show expert menu:

Only check the "Show expert menu" box if you want to access functions that allow very extensive customization:

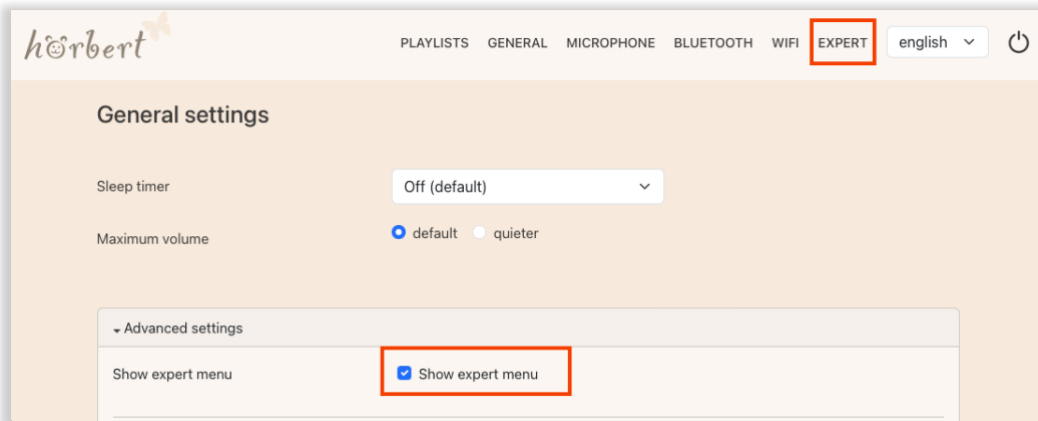


Figure 28 - Expert Menu Item

Only after this activation does the new menu item "EXPERT" appear in the main menu.

The settings in the Expert Menu can be found in this manual under the item "Expert Menu" at the end of the document.

Factory reset:

All settings and passwords will be reset to their original state. For example, all special functions of hörbert that were previously activated are deactivated. Bluetooth, WiFi, sleep timer and voice microphone are switched off. In addition, the volume will be set back to standard mode. Content on the memory card remains unaffected by the reset.

Check for updates now:

Use this button to check whether your hörbert firmware is up to date. If a new firmware is found, it can then be updated at the touch of a button. For this function, it is necessary that hörbert can connect to the Internet via your WLAN (see chapter: "WIRELESS" on page 34).

IMPORTANT: Stay in browser SET mode, and do not let your phone/tablet/computer go into standby mode while the update is in progress. The update takes about 3 minutes. After that, hörbert will automatically restart and play again from its memory card.

Regularly remind you of firmware updates:

Firmware updates include bug fixes and new features for your hörbert. It is therefore worthwhile to keep the firmware up to date at all times. Here you can set the interval

Instruction manual for hörbert with firmware "**Butterfly**"

between reminders of a firmware update. hörbert will not do this check on its own and without your involvement.

[hoerbert_firmware.bin](#) upload manually:

If you do not want to connect your hörbert to the Internet, or if you have received a special firmware file from the service team, you can also install the firmware manually.

To do this, click on "Select File", select the appropriate hoerbert_firmware.bin file in the dialog that follows , and then click on "Update" to start the firmware update.

MICROPHONE

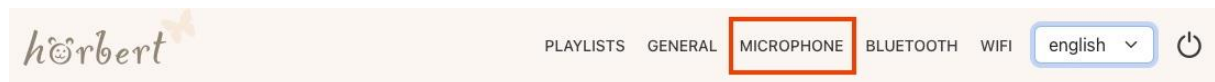


Figure 29 - Microphone menu item

The settings under the menu item "MICROPHONE"

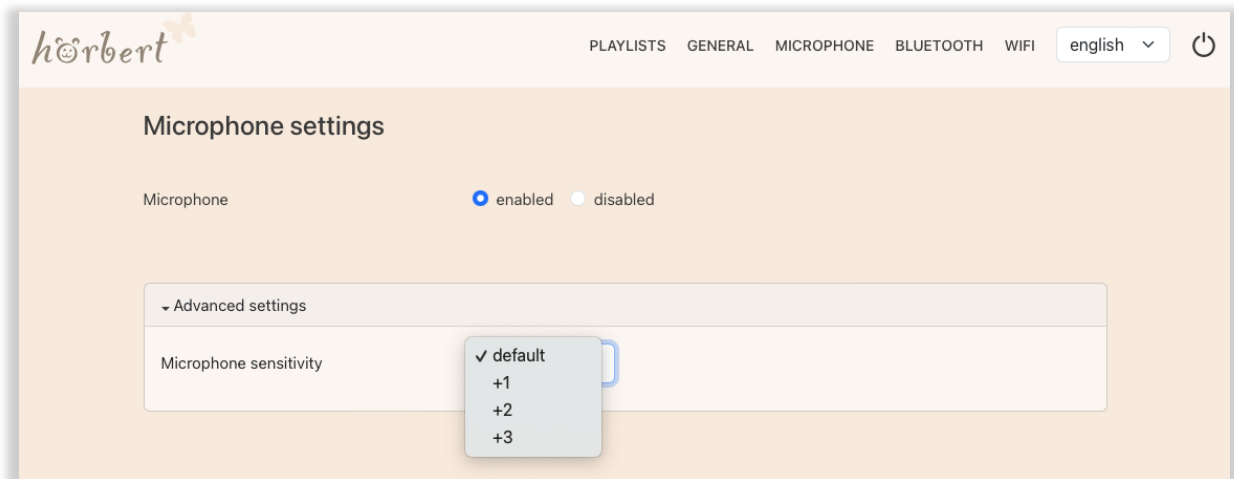


Figure 30 - Microphone Settings

Enable/Disable Microphone Recordings

If the microphone is disabled here, this setting applies to the entire device. The microphone cannot be used for recording, even if microphone recordings are allowed in playlists.

In order for a voice recording to succeed, after activating the microphone function in each playlist, it must be set whether microphone recordings should be allowed in the playlist.

See chapter: "Allow microphone recordings, Bluetooth recordings, and web radio recordings" on page 24

To start a voice recording, hörbert must play a playlist in which microphone recordings are allowed.

You can then start a recording by pressing the black and grey buttons of hörbert at the same time (standard recording mode). At the small opening of the built-in microphone, the red LED starts to light up, the recording is running. Speak or sing into the microphone opening at a distance of approx. 3-5 cm (5) Figure 1 - hörbert's controls

Stop recording by pressing the black button. The voice recording will play back immediately after a few seconds.

The voice recording is always stored behind the file that was listened to before the recording started.

Microphone sensitivity

Adjust the sensitivity of the microphone to your preferred use:

"Standard": The microphone is set to low sensitivity/volume. You have to speak into the microphone opening at a short distance, about 3 to 5 centimeters.

"+1": The microphone records at slightly higher sensitivity/volume

"+2": The microphone records at medium sensitivity/volume

"+3": The microphone records at maximum sensitivity/volume.

BLUETOOTH



Figure 31 - Bluetooth Menu Item

hörbert can serve as a Bluetooth speaker for a Bluetooth transmitter (e.g. a smartphone, tablet or computer) or be paired with up to two wireless Bluetooth headphones at the same time.

The settings under the menu item "BLUETOOTH"

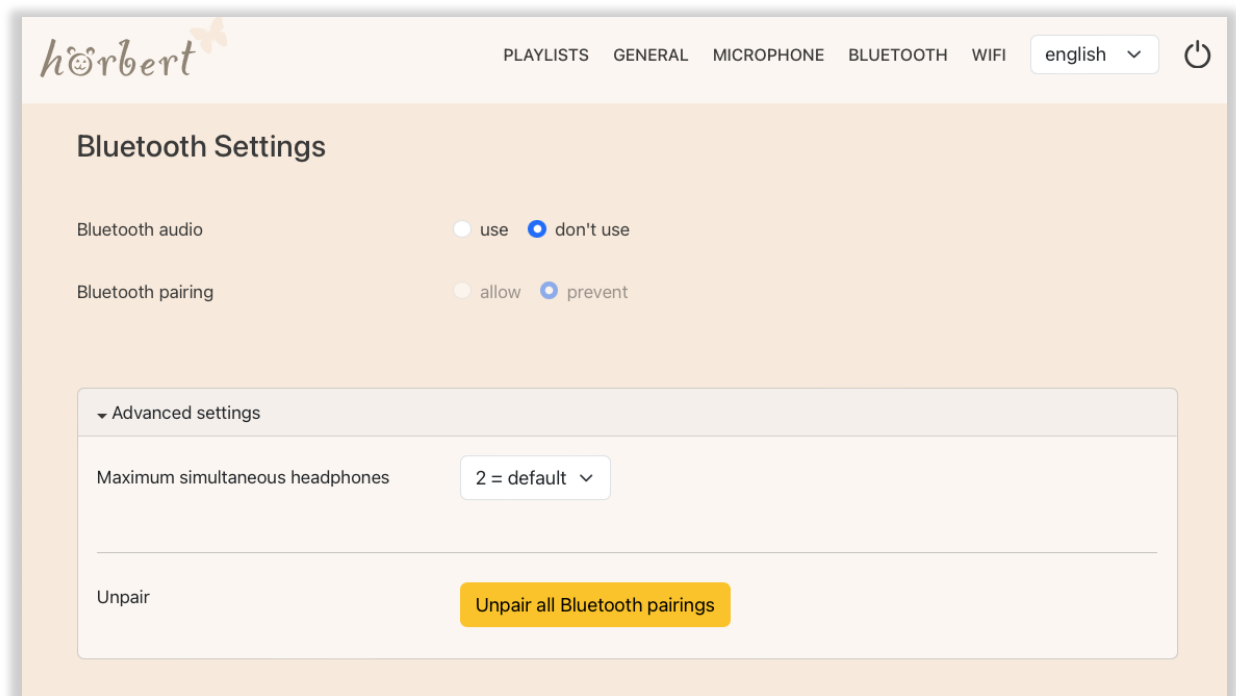


Figure 32 - Bluetooth Settings

Bluetooth audio

"use": with this selection you activate the Bluetooth function of hörbert

"don't use": all Bluetooth radio is switched off and hörbert's Bluetooth functions cannot be used, neither as a transmitter nor as a receiver.

Bluetooth Pairing

"allow": with this selection you allow new, not yet known devices to pair with hörbert via Bluetooth.

"prevent": this selection prevents the pairing of foreign, unknown devices.

Tip: If you have successfully paired all known and desired Bluetooth devices in your household with hörbert once, you can then deactivate pairing by selecting "prevent".

This means that only approved devices can connect to hörbert. No foreign, unpaired devices can "interfere" and grab the connection with hörbert.

Advanced Bluetooth settings

Maximum simultaneous headphones

By default, hörbert can connect to a maximum of **two** Bluetooth headphones for simultaneous playback.

Listen to hörbert via Bluetooth Headphones

If Bluetooth and pairing have been activated, hörbert automatically searches for a Bluetooth receiver for 60 seconds after switching on, e.g. Bluetooth headphones. Turn on hörbert first, then immediately turn on the headphones. You may need to press more buttons on your headphones. hörbert now finds the headphones and switches the sound output to the headphones. If pairing doesn't work on the first try, try again and make sure there are no other interfering Bluetooth-enabled devices in the area turned on and in pairing mode.

As soon as the connection is established, hörbert searches again for a second pair of headphones during the next 60 seconds. During this second search, some headphone models may experience noise (stuttering) in the first, already connected pair of headphones.

Tip: If you never want to connect hörbert to 2 Bluetooth headphones at the same time anyway, set it to "1" here. This saves some power and avoids any background noise.

Unpair

Select "Forget all Bluetooth pairings" if you want hörbert to forget all devices to which he has already been connected via Bluetooth. This feature is useful if you want to remove unwanted or old Bluetooth devices.

Use hörbert as Bluetooth Speaker

You can easily connect your mobile phone, tablet or computer to hörbert and use hörbert as a Bluetooth speaker.

Step 1:

In the Bluetooth settings in the BLUETOOTH browser set mode menu, select the 'use' command for Bluetooth audio. See chapter: "Bluetooth audio" on page 31.

Step 2:

- Set hörbert to Bluetooth speaker mode by double pressing the on/off button. Please press the second button within approx. 0.5 seconds. hörbert will then not play from its memory card. Instead, after pressing the on/off switch for the second time, you will hear a few ascending beeps to confirm that hörbert is now in Bluetooth speaker mode.

Instruction manual for hörbert with firmware "**Butterfly**"

- You now have 60 seconds to find hörbert in the list of Bluetooth devices on your mobile phone, tablet or computer and pair it.

- Then start a playlist, a track or, for example, a YouTube music video on the transmitter, hörbert will then play all audio sources from its speaker.

Attention: If you want to stop streaming and switch hörbert off: press the rotary control at the top once. Then hörbert is off. It is not enough to simply disconnect the mobile phone. hörbert will otherwise remain on and consume power, waiting for a new transmitter.

WIRELESS

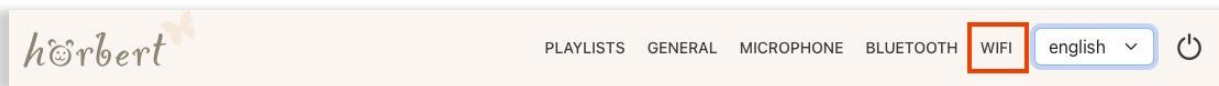


Figure 33 - WLAN menu item

The settings under the menu item "WLAN" are used to enable hörbert to establish a connection to the Internet via your wireless network. hörbert only needs Wi-Fi access if you want to listen to Internet radio stations with hörbert, or if you want to search for new firmware versions and update them conveniently at the touch of a button. Otherwise, hörbert does not need internet access and no WLAN!

The settings under the menu item "WLAN"

WIRELESS

"enabled": In order for hörbert to play web radio stations or firmware updates to be

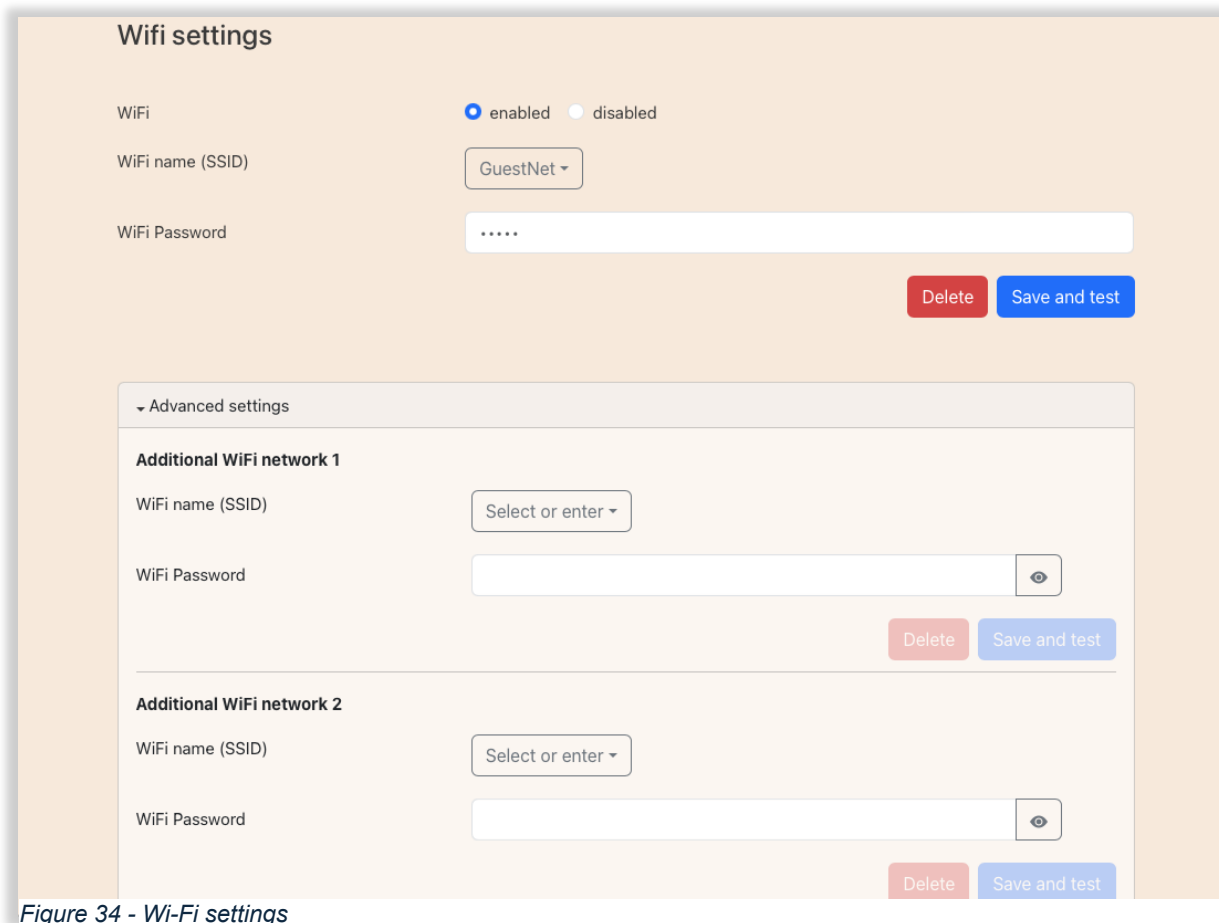


Figure 34 - Wi-Fi settings

conveniently installed at the touch of a button, WLAN must be activated.

"disabled": hörbert will **not** connect to any Wi-Fi in his area, and **will not establish an** Internet connection. Regardless of this, hörbert's own WLAN remains active in browser set mode. (This can only be turned off under the expert options)

Wi-Fi Name (SSID)

Click Select or Enter. In this list, hörbert shows the strongest Wi-Fi networks in its area. Select your desired Wi-Fi here, or enter the name of your Wi-Fi if it is not found, or if your Wi-Fi is invisible. In this way, you can enter up to 5 wireless networks in hörbert in order to be able to listen to web radio at different locations without having to reconfigure it every time. There are no restrictions on the SSID. Special characters and spaces may be included.

WiFi Password:

Enter the password for your home Wi-Fi here. There are no restrictions on the password. Special characters and spaces may be included. A length of 8-40 characters is possible.

In order for hörbert to play web radio stations, you must add a radio station to a playlist.

See chapter: "To add Internet radio stations to a playlist:" on page 22.

LANGUAGE

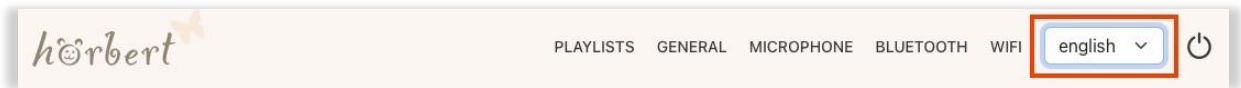


Figure 35 - Changing the language of the interface

The language of the browser set mode can be switched here.

Disconnect Wi-Fi / Turn off Browser Set Mode

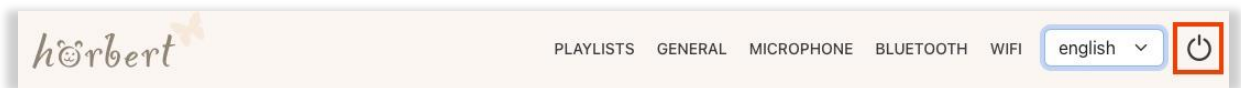


Figure 36 - Turn off browser SET mode

The switch-off symbol disconnects the connection with hörbert and hörbert ends the set mode. He then starts playback from his memory card.

EXPERT MENU

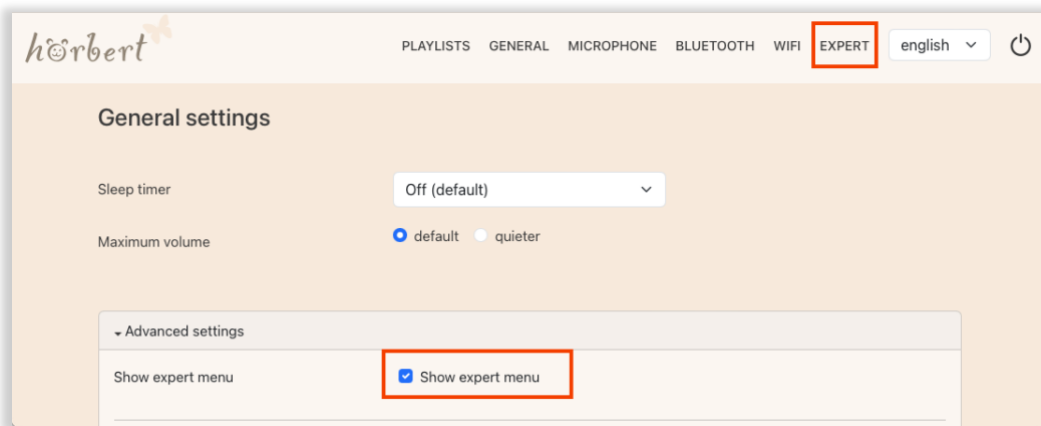


Figure 37 - Expert Menu

To access the expert menu, it must first be activated under GENERAL in the main menu. After that, a new, selectable item "EXPERT" appears in the main menu, which offers the following overview:

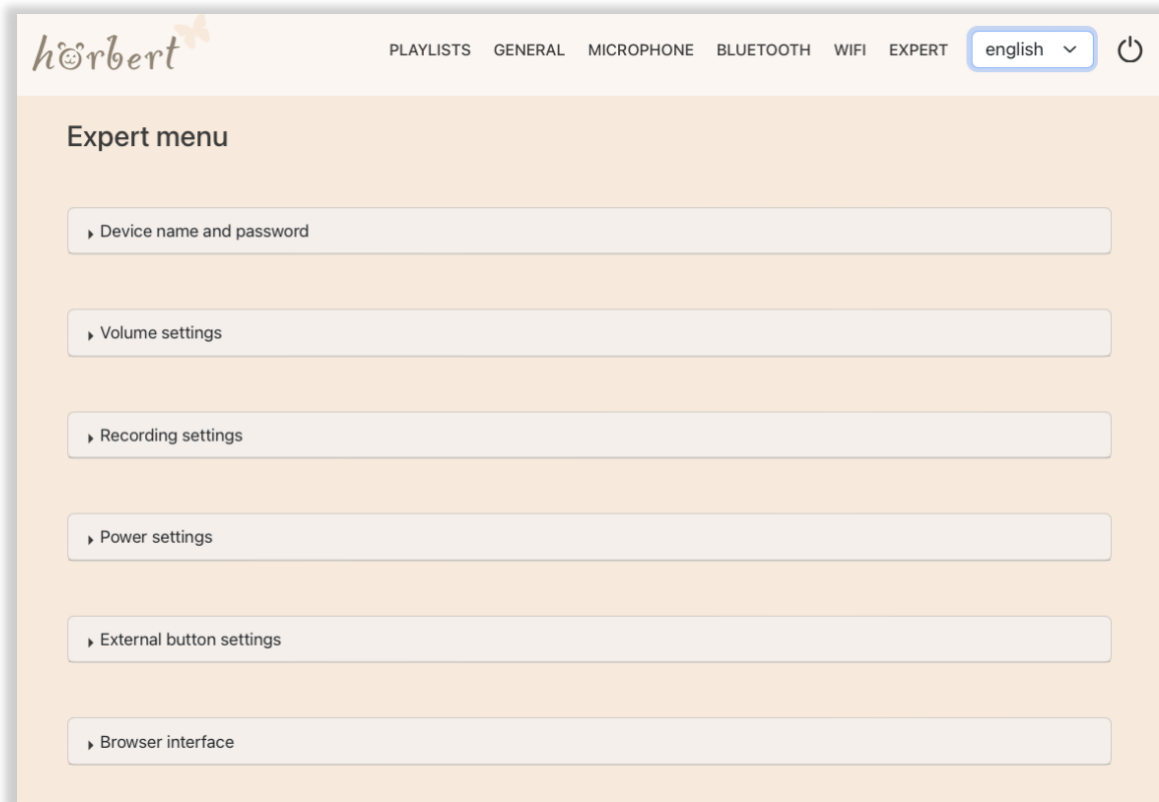


Figure 38 - Expert Mode

Instruction manual for hörbert with firmware "**Butterfly**"

Expert: Device name and password

WLAN and Bluetooth name for hörbert

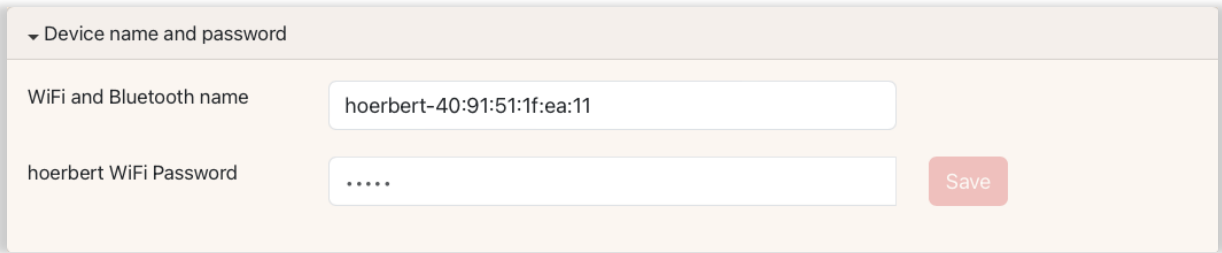


Figure 39 - Expert Mode: Device Name and Password

The name displayed here is the name of the Wi-Fi that hörbert opens when you put it in browser SET mode. You will need to connect to this Wi-Fi network if you want to use the browser SET mode.

This name is also the Bluetooth name of your hörbert if you use it as a Bluetooth speaker.

If you have several hörberts, it is therefore advisable to change the name of your hörberts and make it more unique. E.g. "einsbert", "zweibert", etc.

WLAN password for hörbert

The default password here is: **hoerbert** and can be changed here.

Expert: Volume Settings

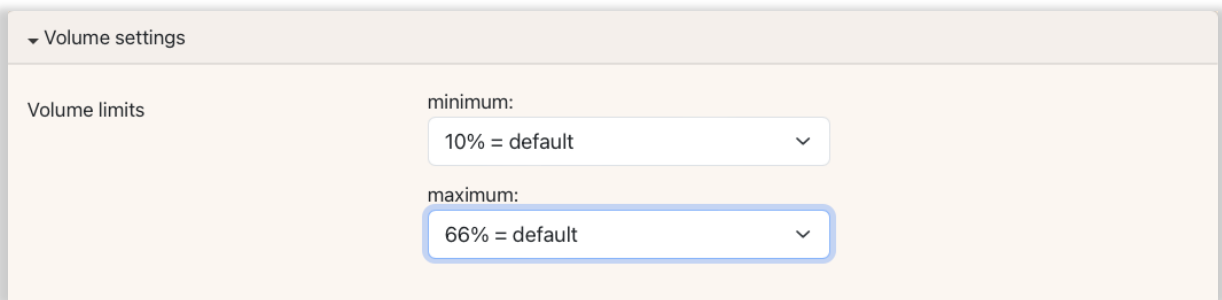


Figure 40 - Expert Mode: Volume Settings

The default setting of "10%" for the minimum ensures that hörbert is still very quietly audible when its volume control has been turned very low. This prevents hörbert from "playing silently" unnoticed and consuming electricity.

The default setting of "66%" for the maximum limits hörbert's volume below the limit for children's toys.

A higher volume maximum *can* be useful in the following cases:

- hörbert should be audible in very noisy environments, e.g. in the gym, in the garden, during a hike in the cart...
- hörbert is used for people with hearing impairments

RISK OF HEARING DAMAGE:

Only increase the volume maximum if hörbert is used under the supervision of adults, caregivers or not children! Anything above 66% is definitely too loud for sensitive children's ears and can cause permanent hearing damage.

Expert: Recording Settings

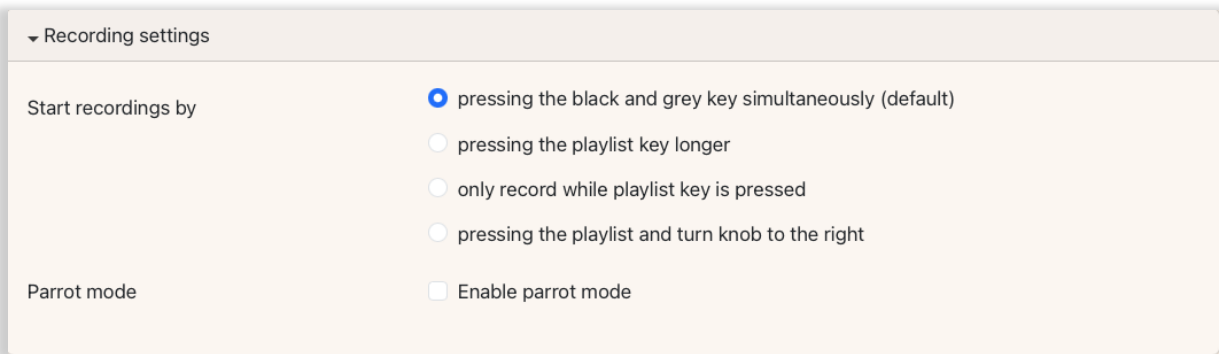


Figure 41 - Expert Mode: Recording Settings

How are recordings started?

Choose your preferred keyboard shortcut here to start recording. The default is "Press the black and gray buttons simultaneously". Alternatively, the following combinations can be chosen here:

- Longer press of a playlist button
- Record only while a playlist button is pressed
- Press a playlist button and turn the dial to the right at the same time.

Parrot Mode

hörbert is fun and lets young and old gain wonderful experiences with their own voice or with instruments!

This mode is ideal for testing voice recordings in a playful way. When parrot mode is activated, hörbert behaves like this: As soon as a voice recording has been made, hörbert plays it. If no recordings are allowed in this playlist, the recording will **not** be permanently stored in this playlist.

Parrot shots are therefore possible "in" all playlists!

In a playlist where you have allowed voice recordings, the recording will of course remain as a new track in the playlist.

Expert: Power Settings

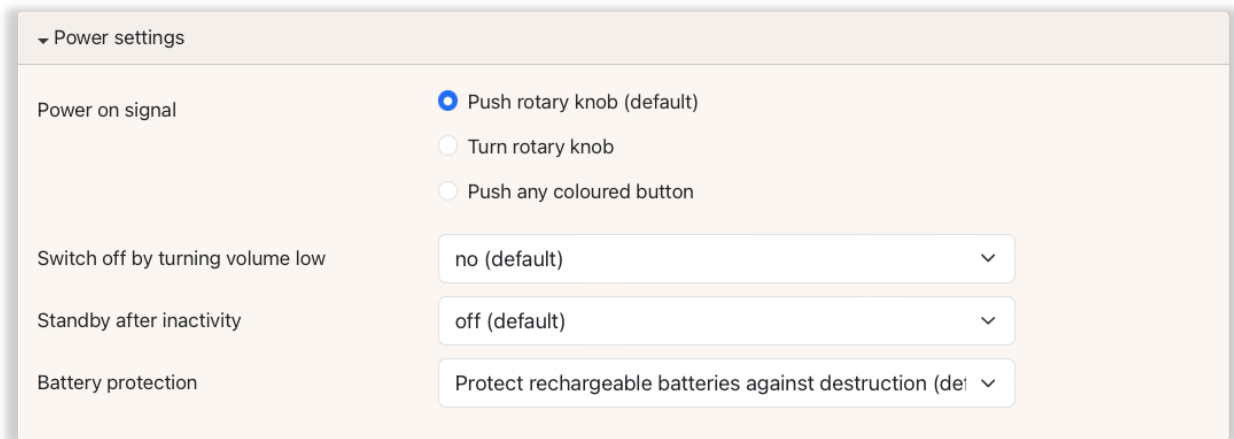


Figure 42 - Expert Mode: Power Settings

Options for turning on hörbert

There are three ways to tune in to hörbert. Choose your preferred method here:

- Press the rotary knob
- Turn the knob
- Press a colorful button

hörbert can *always* be switched off by pressing the silver rotary control on its top.

Switch off by turning down the volume

Choose the volume below which hörbert switches off when it is turned down.

Standby after inactivity

Choose here after which time of inactivity (without pressing buttons) hörbert should switch off. In principle, this function corresponds to the fall asleep timer - with the difference that this timer starts again if a user interaction has taken place in the set time period.

Expert: Settings for external buttons

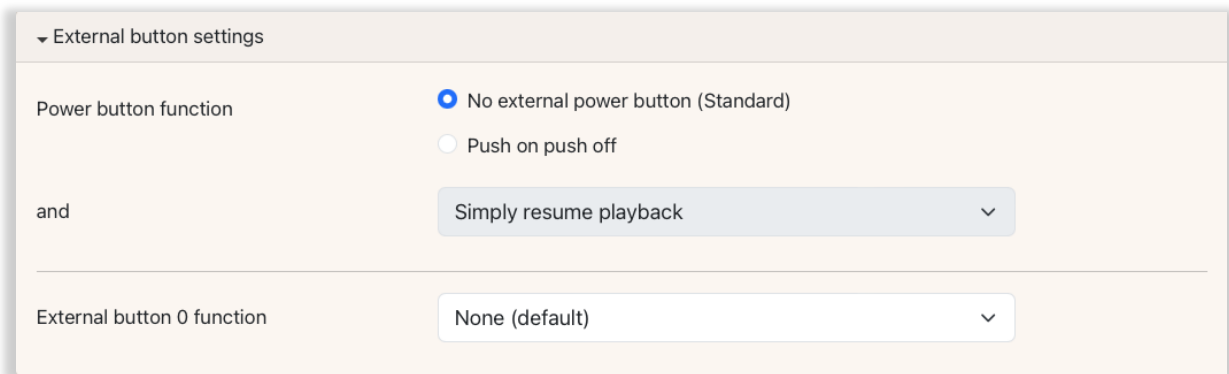


Figure 43 - Expert Mode: Function of the External Power Switch

For accessible hörberts that have a connection for external buttons, the behavior of two external buttons can be configured here.

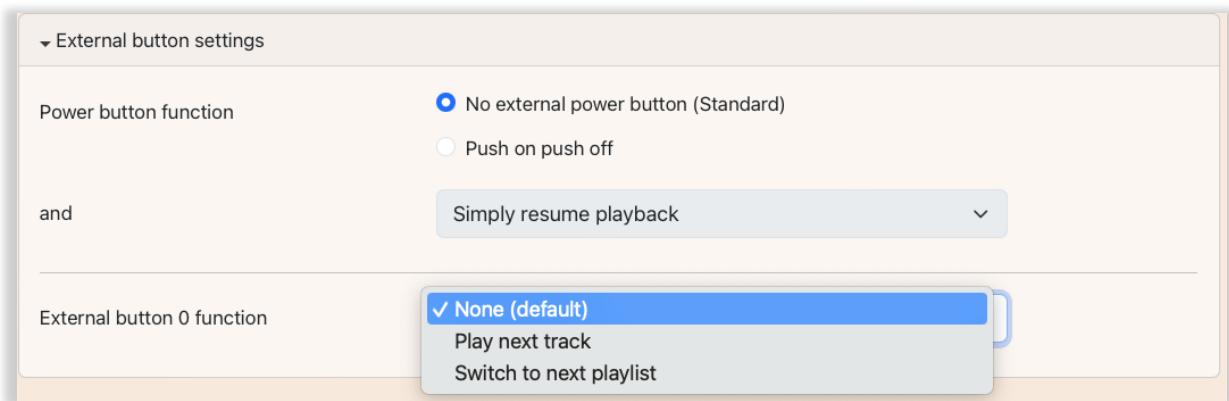


Figure 44 - Expert Mode: Settings for External Button 0

It is possible to connect up to two external control buttons. Only one of the buttons can turn hörbert on and off. For the second button, you can choose whether hörbert should jump to the next track in the playlist when pressed, or whether it should jump to the next playlist.

Expert: Browser UI

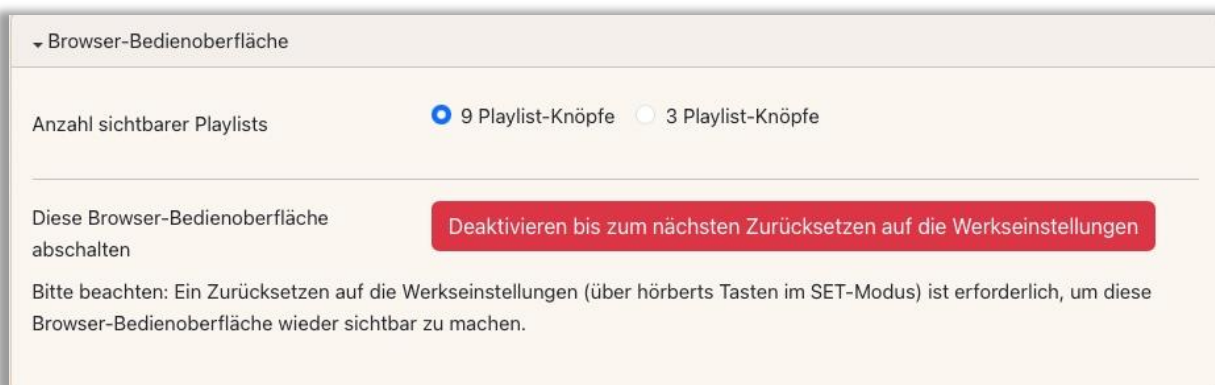


Figure 45 - Expert Mode: Browser User Interface

Switch between a hörbert with 9 and 3 playlists

There are hörberts with 3 large buttons for 3 playlists, and more buttons for 9 playlists. However, the firmware is identical except for the number of playlists.

In expert mode, you can choose whether you have a hörbert with 3 or 9 playlists. This setting may have been prompted when the browser SET mode was started for the first time. If you have made a typo there, you can always correct this setting here.

Turn off the browser user interface

If you are sure that all settings are correct and you will never need the Browser Set Mode, you can turn it off completely here.

If you press the red button, you will not be able to connect to the hörbert WLAN again. Only a factory reset via the SET mode button inside hörbert and another key combination, the hörbert WLAN will reappear with the browser SET mode.

See chapter: "Settings without browser" on page 46

Expert: New options in the menu item PLAYLISTS

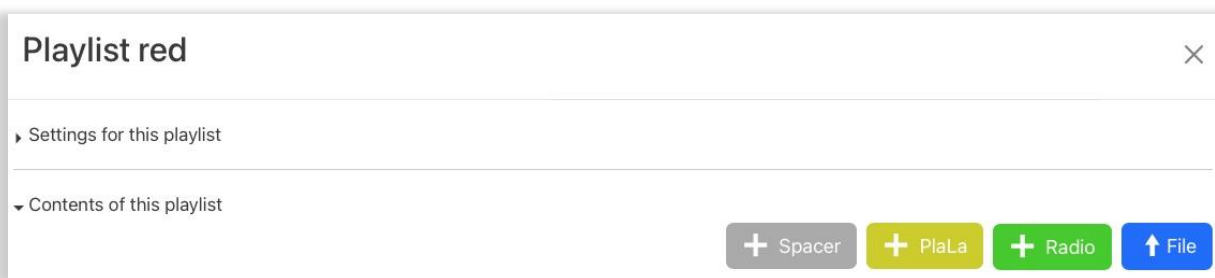


Figure 46 - Playlist content in expert mode

If the expert mode has been activated under GENERAL, two new buttons will appear when editing playlists.

Instruction manual for hörbert with firmware "**Butterfly**"

Add a blank line in a playlist Overview

Click + **Blank Row** to insert a blank line at the insertion point in the playlist. It is used for the optical separation of lines in the playlist, e.g. for the optical separation of albums or radio plays. Blank lines can be moved and deleted like any other rows.

Add PlaLa Row in a Playlist Overview

PlaLa is hörbert's **playlist language and consists of commands that** can affect hörbert's controls, such as volume settings or other advanced commands.

Click "**+PlaLa**" if you want to add a PlaLa command to the insertion point. An overview of PlaLa commands and PlaLa Address modifiers can be found on this page:

<https://www.hoerbert.com/technik/>

Playlist settings when the expert menu is active

If the Expert Menu has been activated, further selections for the **playlist mode** will appear:

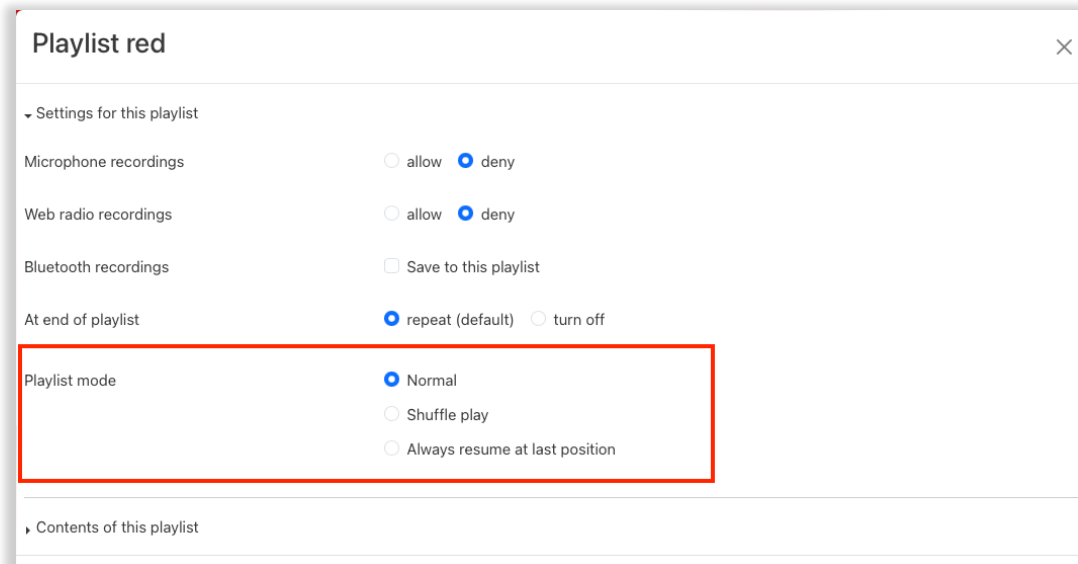


Figure 47 - Playlist Mode

Normal Playlist Mode

The playlist starts again from the beginning when the last track has been played.

Shuffle play

If you select "Shuffle" here, hörbert will play a random order of the tracks in this playlist.

A playlist resumes at last position

Select "Always resume at last position" if you want this playlist to remember where you last listened. This playlist then continues to play exactly where it left off, even if you switch to another playlist in between.

About hörbert

Contact the service team

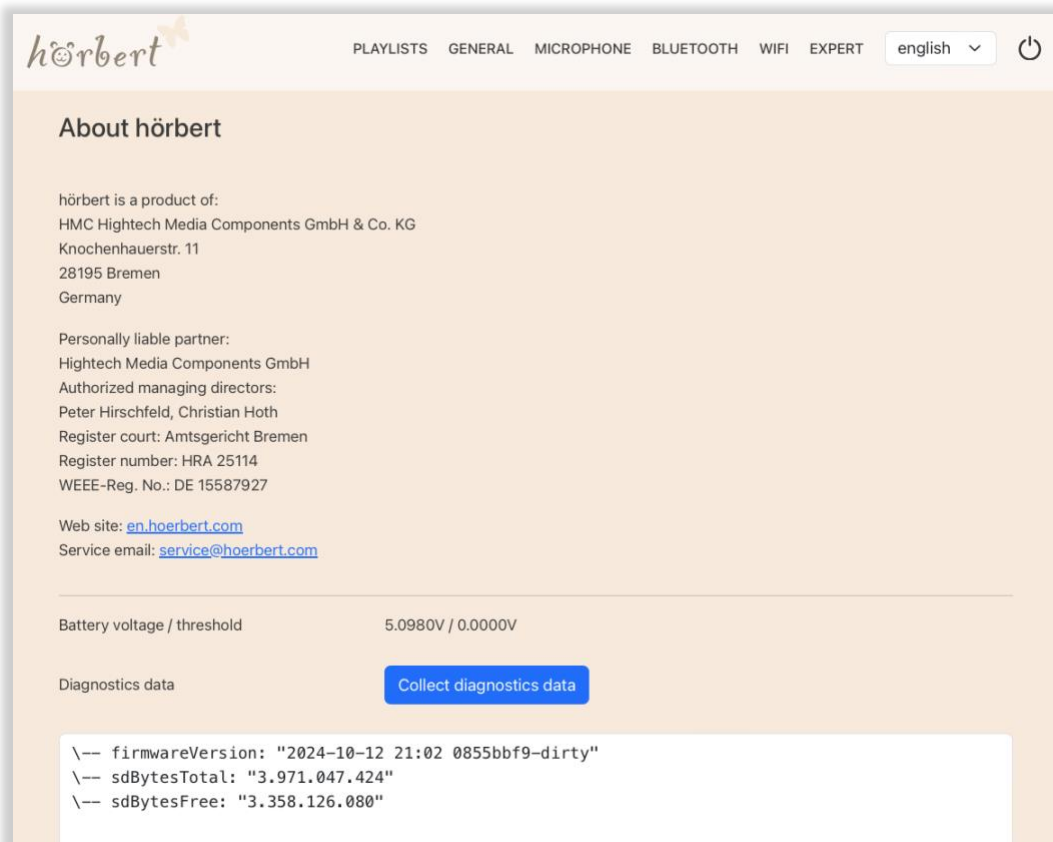


Figure 48 - Diagnostic data

Click on the hörbert logo, there you will find our contact details.

In the mobile view on a smartphone or tablet, you can find this view under the "About" menu item in the app menu.

Find out the firmware version of your hörbert

On the "GENERAL" page and in the top row of your diagnostic data, you will find the current firmware version of your hörbert, with year-month-day, time and commit. This information is very useful in service cases.

Collect service data for diagnosis

you contact our service team with a question, we can help you better in some cases if you send us a diagnostic file of your hörbert. It contains information about your memory card and the settings of your hörbert.

The blue button "Collect diagnostic data" generates a service file, which you can send to our service team by email by arrangement.

Settings without browser

Even without the browser set mode, the most important functions can be controlled: sleep timer, Bluetooth on/off, WiFi on/off, microphone on/off and listen to the quiet mode "piano". To activate the SET mode, press the SET button inside hörberts (6) Figure 1 - hörbert's controls.

Activating SET mode with the SET button



Figure 49 - SET Button

The SET button is located inside hörbert at the top of the board, right next to the hörbert logo.

Open hörbert as described above under "Insert memory card" or "Change batteries". Then:

- 1.) Tune in hörbert.
- 2.) Press the SET button 1 x. hörbert emits a triple, ascending tone of confirmation. The green LED next to the set button now lights up continuously. Now you can set the most important functions with hörbert's colorful keys. See chapter: "Meanings of the keys in SET mode" on page 47
- 3.) To save your changes, you must exit SET mode by pressing the SET button again. hörbert automatically starts playing again after a few seconds. To discard the changes, simply turn hörbert off.

Meanings of the keys in SET mode



Figure 50 - SET Mask

This image explains which button is responsible for which function in SET mode.

A single acknowledgment tone after a keystroke means "on", a double acknowledgment tone means "off". The number keys "+1" and "+10" add their value with each press. A low acknowledgment tone here means "0".

The detailed instructions for setting the functions in SET mode via the colorful buttons can be found on our website:

- German: <https://link.hoerbert.com/6REw7>
- English: <https://link.hoerbert.com/ON7A1>
- French: <https://link.hoerbert.com/vY8MH>