

## General

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

With **Butterfly** you can change hörbert's settings, **as well as** add tracks and web radio stations, **without 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 in the designated playlist folders (**No. 1 for the red button, No. 6 for the blue button and No. 8 for the dark green button**) via computer with an SD card reader. hörbert software is no longer required for this. The order is then 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 with 3 buttons**

**1 x Free memory card edition** as selected in the order

**1 x USB-C port** with battery charging function for 4 x NiMH batteries (1.2V AA/HR6)

Note:

Batteries are not included. A power adapter or cable is not included.

Any USB adapter can be used.

If this option was selected at the time of purchase:

**1 x socket for external buttons incl. Y-cable**

for connecting up to two external control buttons

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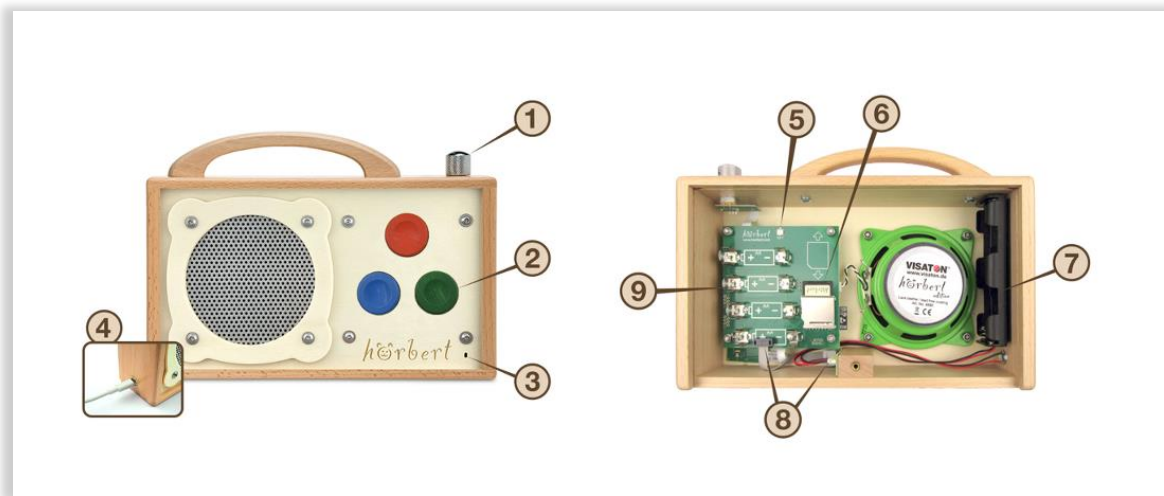


Figure 1 - hörbert's controls

## Commissioning of hörbert

### 1. On/off switch and volume control

1 x Press to turn on/off  
Turn to adjust volume  
2 x Press to switch to Bluetooth speaker mode if the Bluetooth function has been activated before.

### 2. Playlist buttons

with every repeated press of the same button, you jump one track further in this playlist

### 3. Built-in microphone

For recording voices, instruments, etc.

### 4. USB connection socket

for mains operation and for charging rechargeable batteries. Any USB adapter with USB-C cable can be used here. The rechargeables remain in their compartment for charging.

### 5. SET button

With this key you start the browser Set Mode, which can be used to make all settings for hörbert.

### 6. Memory card holder

Here you slide the SD card in from the top or pull it out again at the top.

7. **Separate battery compartment for 4 x NiMH batteries (1.2V AA/HR6). Only rechargeable batteries may be inserted into this compartment!**

### 8. Power connection devices

Plug and circuit board for operation via mains power and the charging function of the batteries

### 9. Battery clips

Stay empty with a hörbert with USB port!

## 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 provided inside hörbert ((6) Figure 1 - hörbert's controls).

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

Orientate yourself by the printed card symbol above the card holder ((6)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 carried out by a suitable adult! Before using in hörbert, first format your own SD cards in FAT32 format (FAT or MSDOSFAT).

The card icon printed above the SD card holder (6) 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 onto the visible map surface with your finger and light pressure from above.

## Inserting batteries

Your hörbert has an integrated battery charging compartment for 4 x AA rechargeable batteries (7) and a USB-C socket (4) for the power connection. If you want to operate hörbert exclusively at the socket via the USB port, the battery compartment (7) can remain empty. If you also want to use hörbert on the go without cables, insert 4 x rechargeable NiMH batteries (1.2V AA/HR6) into the battery compartment (7). When hörbert is connected to the mains, these batteries are then charged as needed.

**The batteries always remain in their charging compartment (7),** they no longer have to be removed. The battery clips (9) on the left side of hörbert remain empty on a hörbert with a USB port.

To insert the batteries, proceed as follows:

- Switch off hörbert before opening the back panel! The insertion of the batteries may only be done by a suitable 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.
- The battery charging compartment (7) is attached to the right side (when looking inside from above) with Velcro. To remove the battery compartment, detach it from its Velcro strip. Do not pull on the cable.
- Now insert four AA batteries. Be sure to make sure that the + and - poles are in the correct position.



### Security:

- **Do not use disposable batteries** in the battery charging compartment under any circumstances! This can lead to **serious damage** to the device and a fire hazard.
- **Do not use batteries where the sheathing 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 the same size.

Attach the battery charging compartment back to the Velcro fastener.



Figure 2 - hörbert with battery charging compartment - Velcro fastener



Figure 3 - Battery Charging Compartment - Polarization of the Batteries

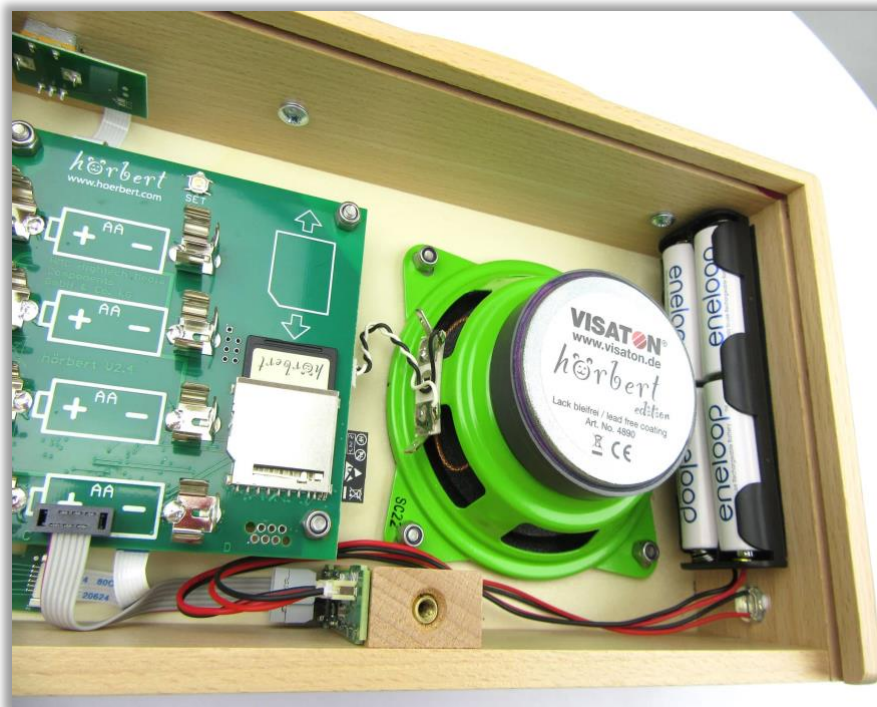


Figure 4 - Power supply installed with batteries

## Charging batteries

If there are rechargeable batteries in the separate battery compartment (7), they will be charged if they are empty. The batteries remain in the separate battery compartment (7). To charge the batteries, hörbert must be connected to the socket

Instruction manual for hörbert with 3 buttons from firmware version Butterfly

via a USB-C cable and appropriate power supply. Any USB adapter can be used. A charge with completely empty batteries takes about 6 hours.



*Figure 5 - USB-C port with cable*

When the batteries are charging, the small power connector board flashes inside hörbert ((8) Figure 1 - hörbert's controls) a red LED. The LED goes off when the batteries are fully charged. If no batteries are inserted, the LED lights up solid red.

## Connect external control buttons

If you ordered a socket connection for external control buttons when you bought it, a matching Y-cable was included. This cable must be plugged into the socket provided for this purpose on the **right side** of hörbert (when looking at the front from the front).



Figure 6 - Connection for external control button(s)

**Safety note:**

**Attention! No wired headphones may** be plugged into this socket. This will cause damage to the headphones and hearing



Figure 7 - hörbert connected with external control buttons via Y-cable

No **external control buttons** are included in the scope of delivery.

## Turn on and off

Turn on hörbert by pressing 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.

## Switching on and off with external control buttons

With a barrier-free hörbert, it is also possible to switch the device on and off via external control buttons. If you have ordered an optional socket connection for connecting external control buttons, you can use the Set Mode browser (see chapter: Settings for hörbert in the browser Set Mode) configure the on/off behavior with the external control buttons. (See chapter: Expert: Power Settings).

## Change the volume

During playback, turn the dial ((1) Figure 1 - hörbert's controls) counterclockwise, Hörbert becomes quieter. Due to the clockwise rotation, hörbert plays louder.

## Navigating through the content

The content on hörbert is organized into "playlists" (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). 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.

**The hörbert with 3 buttons does not have a function for fast-forwarding or jumping back.**

## Navigation through the content with external control buttons

If your hörbert has a socket for connecting external control buttons, you can use the Set Mode browser (See chapter: Settings for hörbert in the browser Set Mode) which reaction hörbert should show when pressing the external control button 1 or 2:

- Pick up where it left off when you turn it on
- Start with the next track in the playlist
- Move to the next playlist

(See chapter: *Expert: Settings for external buttons*)

## 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 Set Mode browser, as well as songs can be added or deleted. In this guide, you will learn how to get into the Set Mode browser and what options it offers. **The prerequisite for this is that the butterfly firmware (or newer) has already been installed on the respective hörbert.**

### 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 sounds, 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 3 buttons from firmware version Butterfly

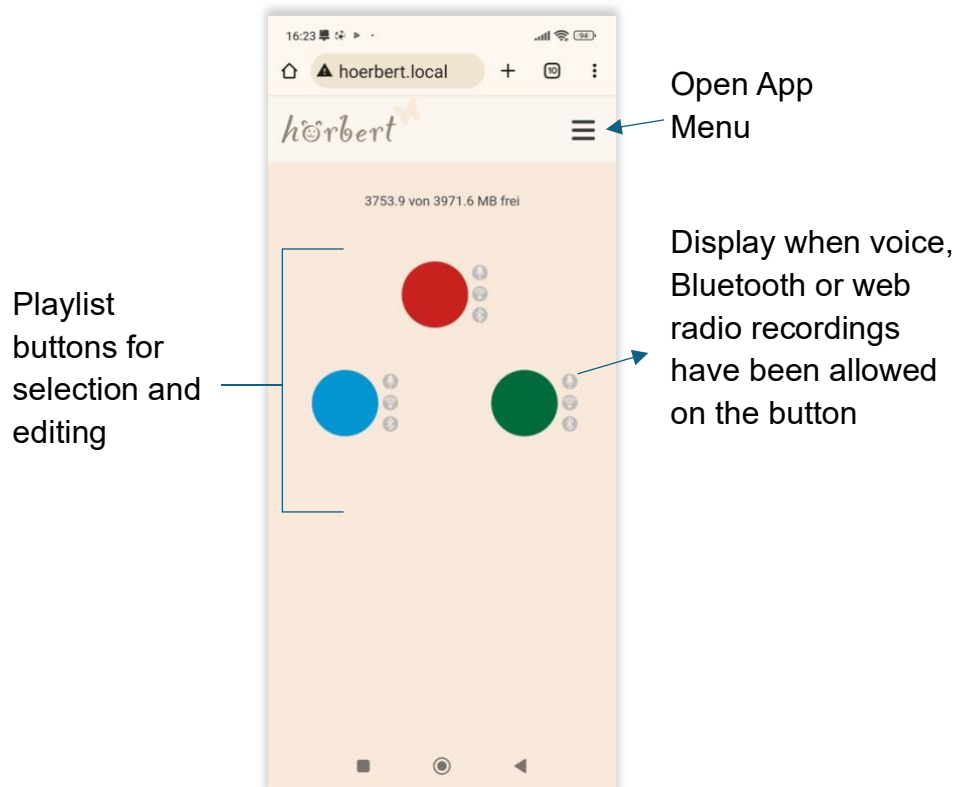


Figure 9 - Mobile View

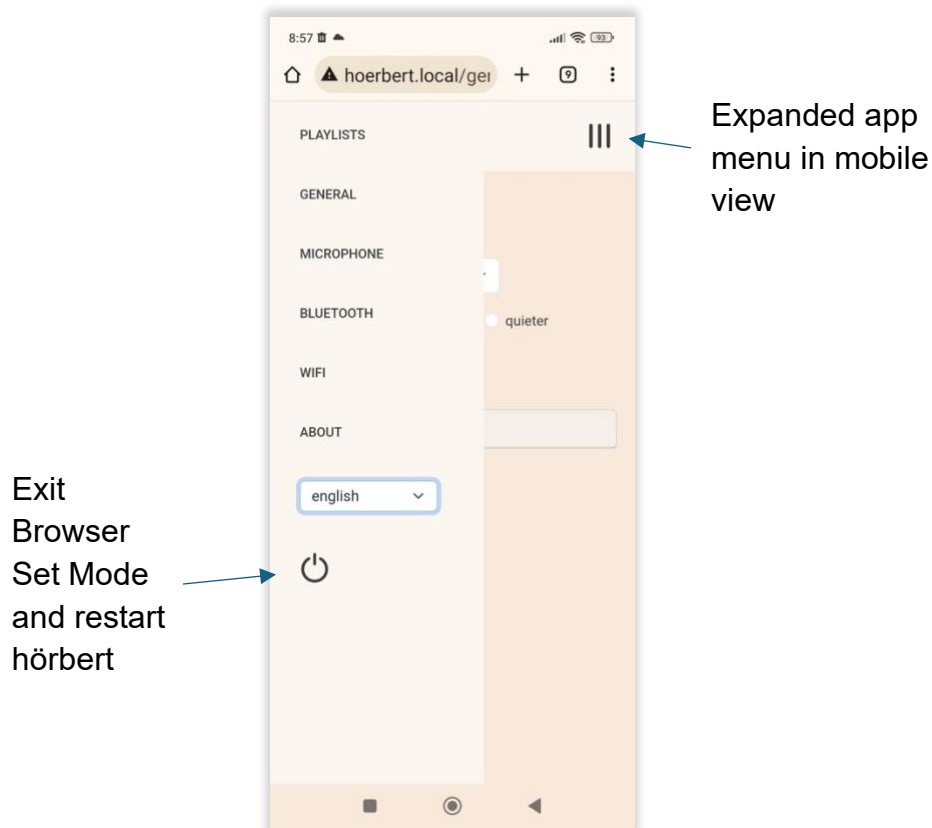


Figure 8 - Main Menu in Mobile View



## Instruction manual for hörbert with 3 buttons from firmware version Butterfly

View on computer:

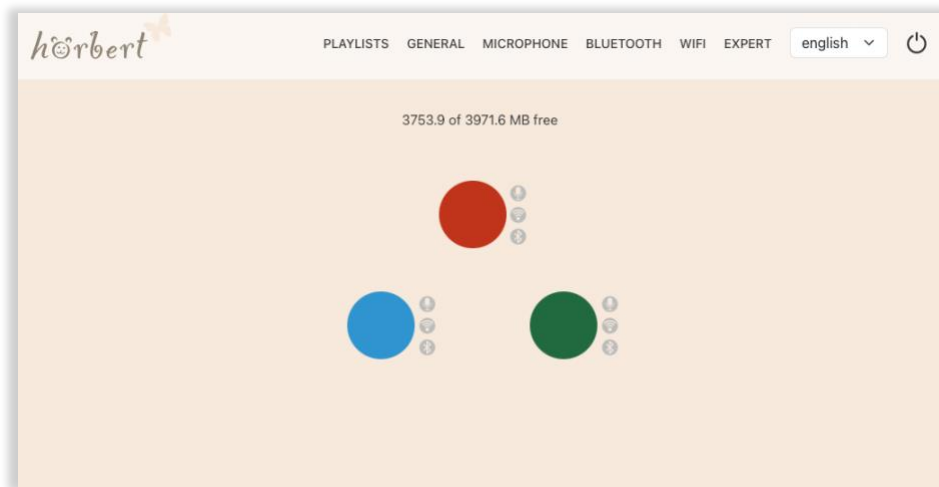


Figure 10 - View on the computer

**Note:** Mobile phones, tablets or computers check themselves whether the Internet is also accessible via WLAN. Therefore, they may show for the hörbert WLAN. displays 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:

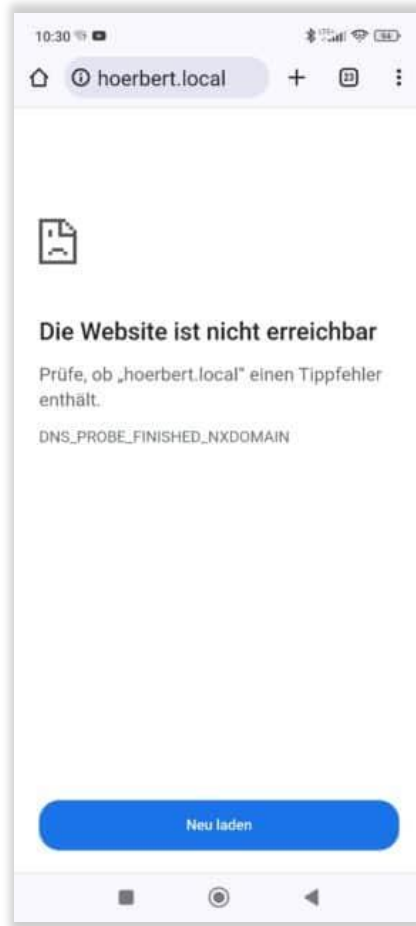


Figure 11 - Android Browser

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.

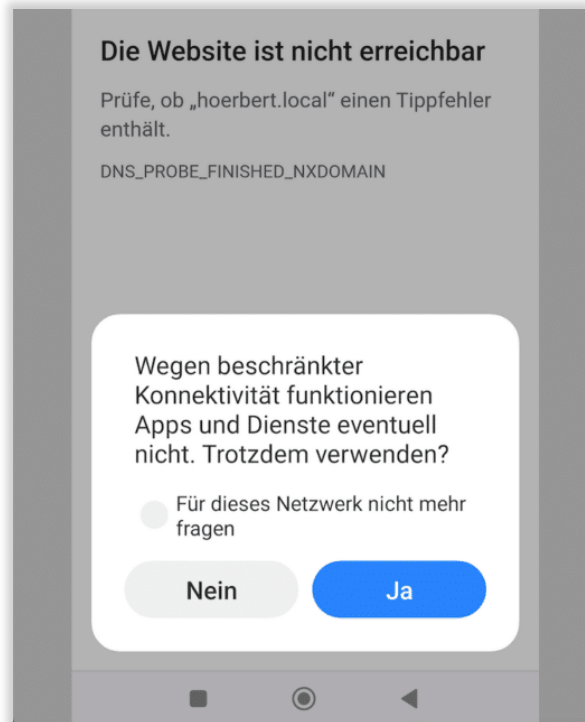


Figure 12 - Android Connectivity Dialog

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

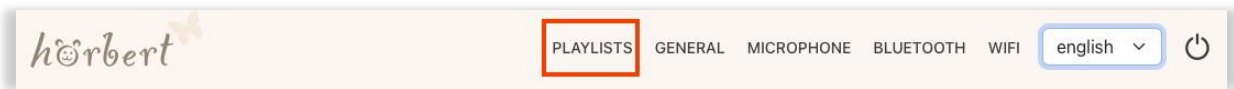


Figure 13 - Playlists menu item

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 "Playlist content" (clickable).



Figure 14 - Content of the playlist

*Explanation of the symbols:*

Edit title name:



Figure 15 - The Edit Icon

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



Figure 16 - 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 17 - 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.

Example of moving to the top of the green playlist:

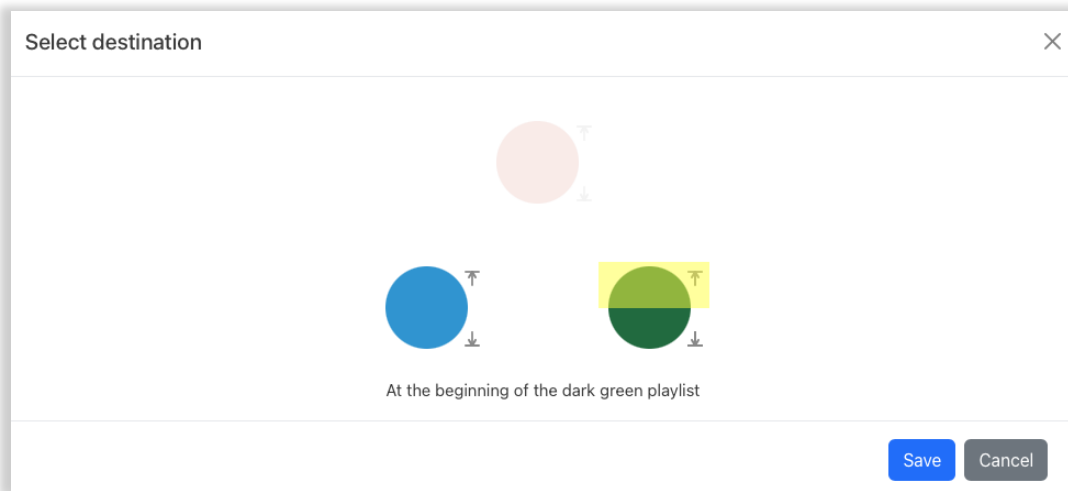


Figure 18 - Example of Moving to the Top of a Playlist

Example of moving to the end of the yellow playlist:

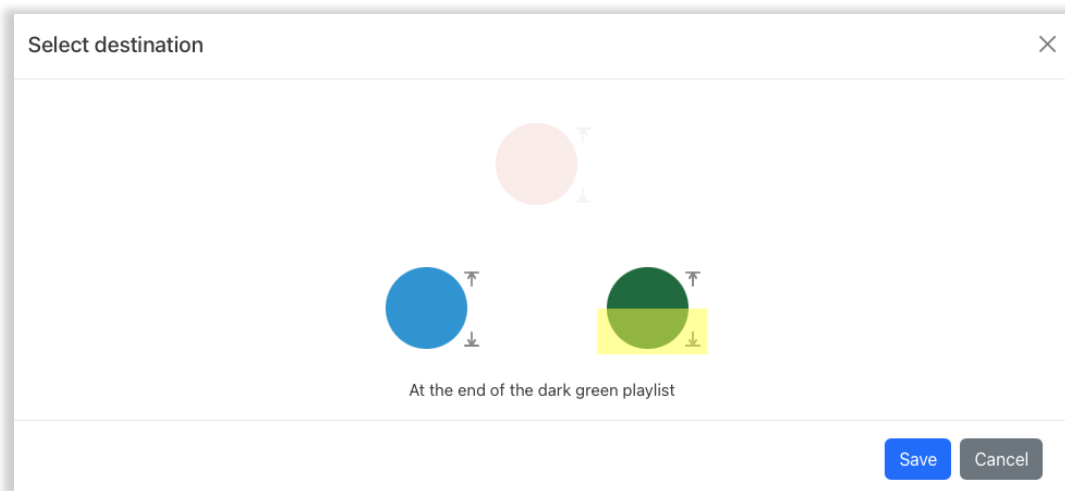


Figure 19 - Example of moving to the end of a playlist

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

To delete rows from the playlist:



Figure 20 - 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.

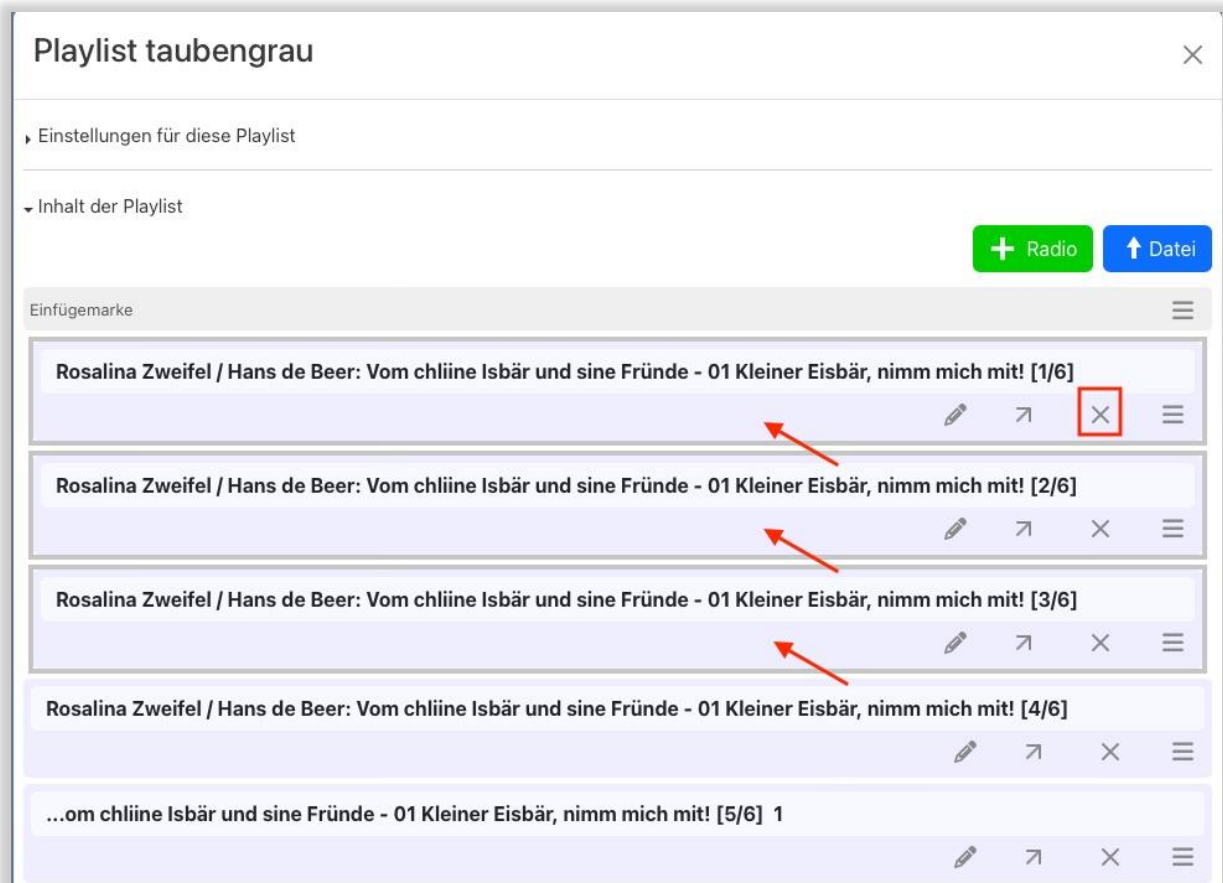


Figure 21 - Deleting Multiple Rows

### Move songs within a playlist



Figure 22 - 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:

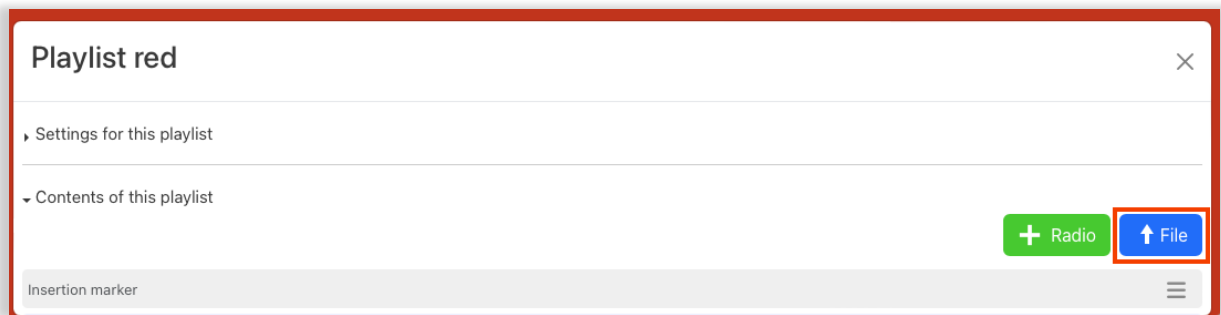


Figure 23 - File Button

To upload one or more files, click the "File" button. 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 point" in the playlist. You can click on the insertion point 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, aac, m4a

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 (empty at 3-button hörbert)

**Folder 1: red playlist**

Folder 2: dark blue playlist (empty at 3-button hörbert)

Folder 3: light green playlist (empty at 3-button hörbert)

Folder 4: yellow playlist (empty at 3-button hörbert)

Folder 5: dove grey playlist (empty at 3-button hörbert)

**Folder 6: light blue playlist**

Folder 7: orange playlist (empty at 3-button hörbert)

**Folder 8: dark green playlist**



If this folder structure has not yet been created, you can create folders 1, 6 and 8 in the main directory of the card and copy audio files into them:

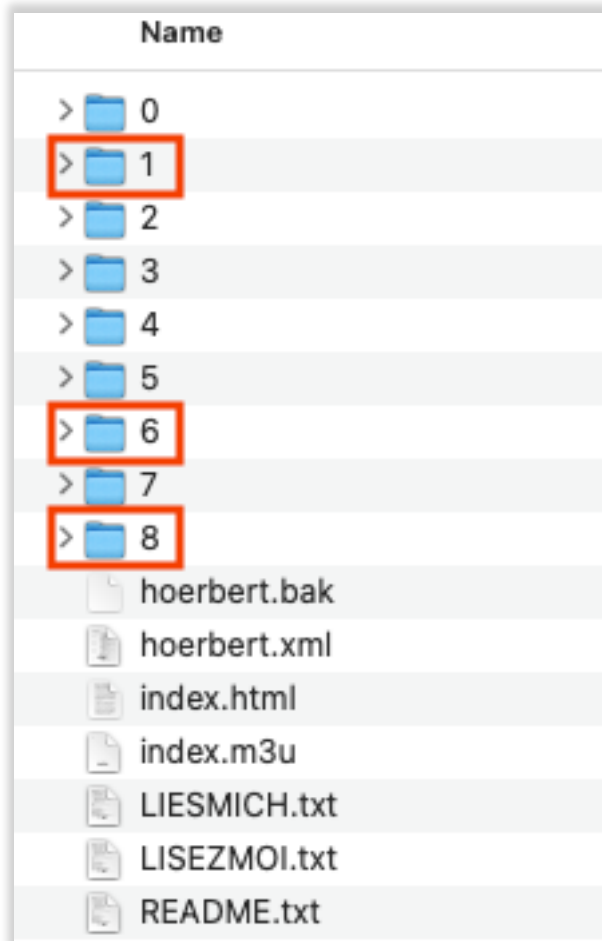


Figure 24 - Folder structure of the hörbert memory card in the file manager

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.

# Instruction manual for hörbert with 3 buttons from firmware version Butterfly

To add Internet radio stations to a playlist:

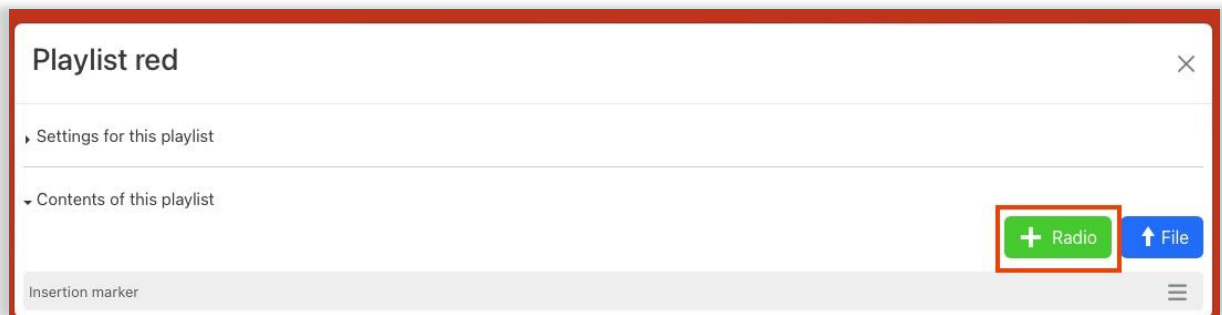


Figure 25 - +Radio Button

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

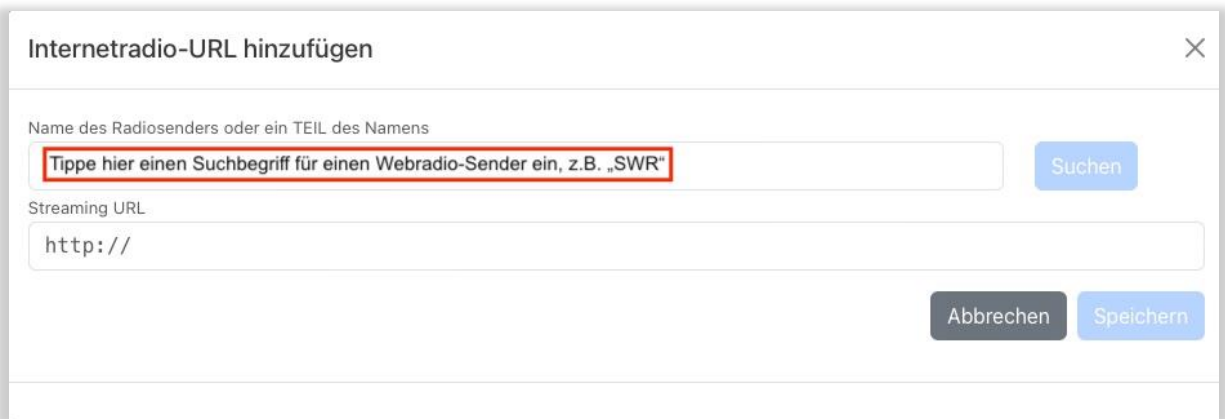


Figure 27 - Search for Internet radio stations

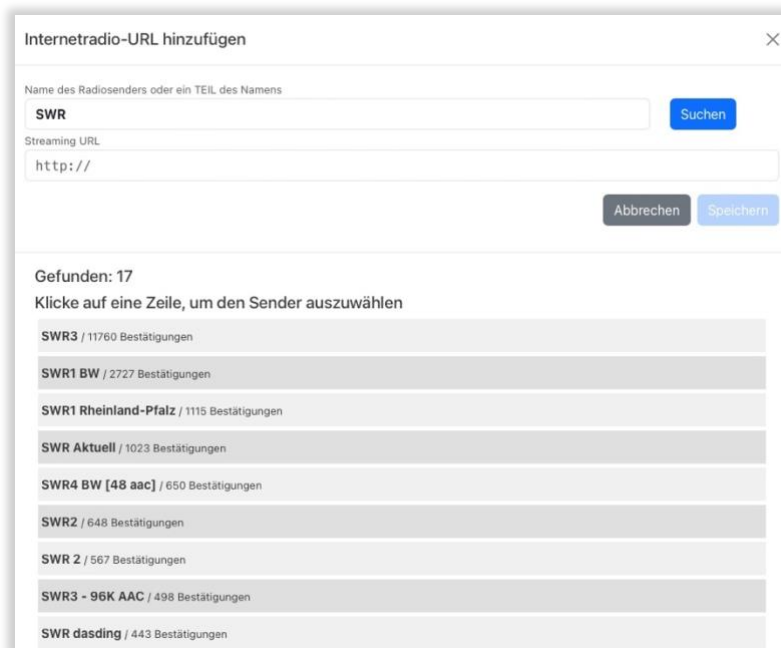


Figure 26 - Selection list of Internet radio stations

## Instruction manual for hörbert with 3 buttons from firmware version Butterfly

Click on the desired station in the list. The station will then be added to the playlist 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 point" in the playlist. You can click on the insertion point on the symbol of the three lines and move it ("drag-and-drop").

## Separate settings for each playlist

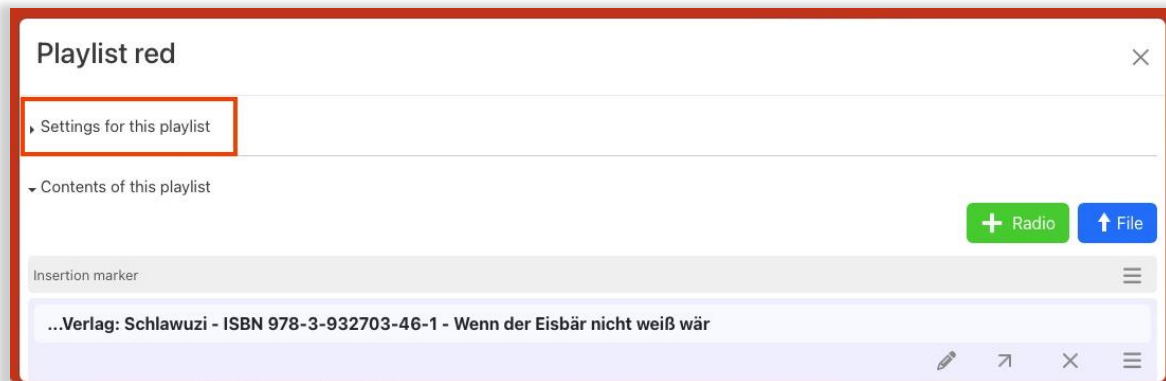


Figure 28 - Changing the settings of a playlist

Click on the "Settings for this playlist" line

*Allow microphone recording, Bluetooth recording, and web radio recording*

Select "Allow" for the appropriate source (or "Save to this playlist" for Bluetooth)

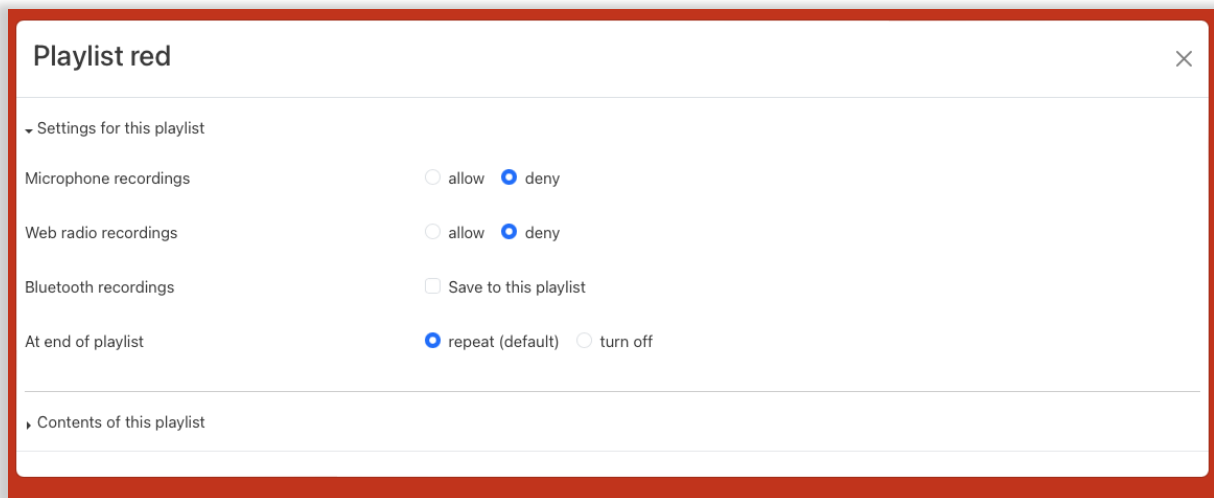


Figure 29 - Allowing or Disallowing Recordings in a Playlist

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

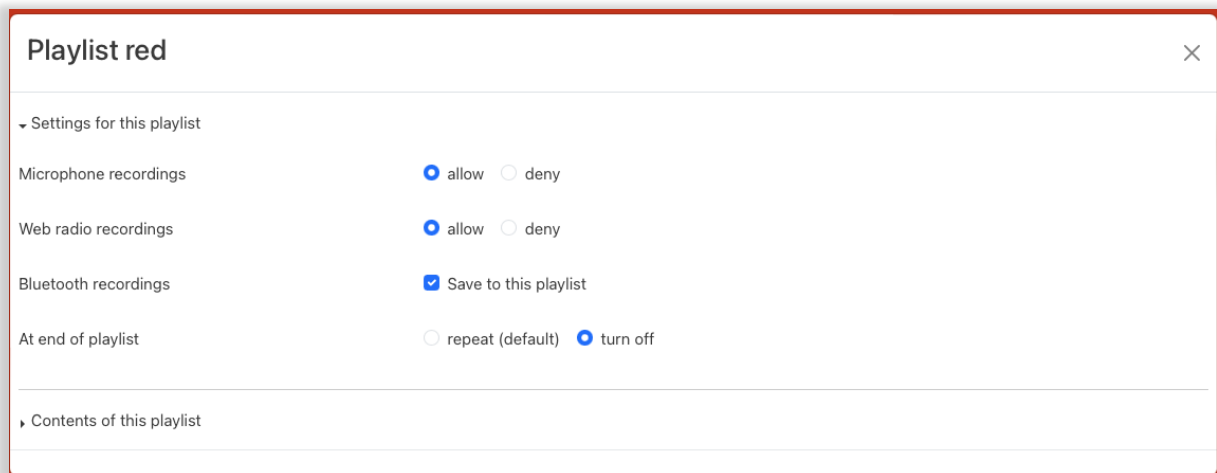


Figure 30 - Switch off at the end of the playlist

When the last track of a playlist has been played, hörbert usually starts 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.

## GENERAL

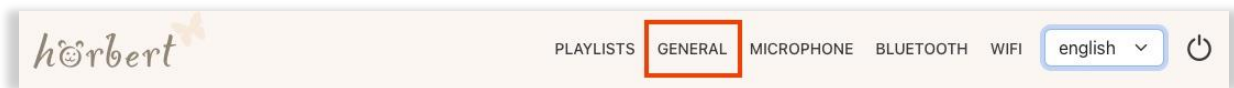
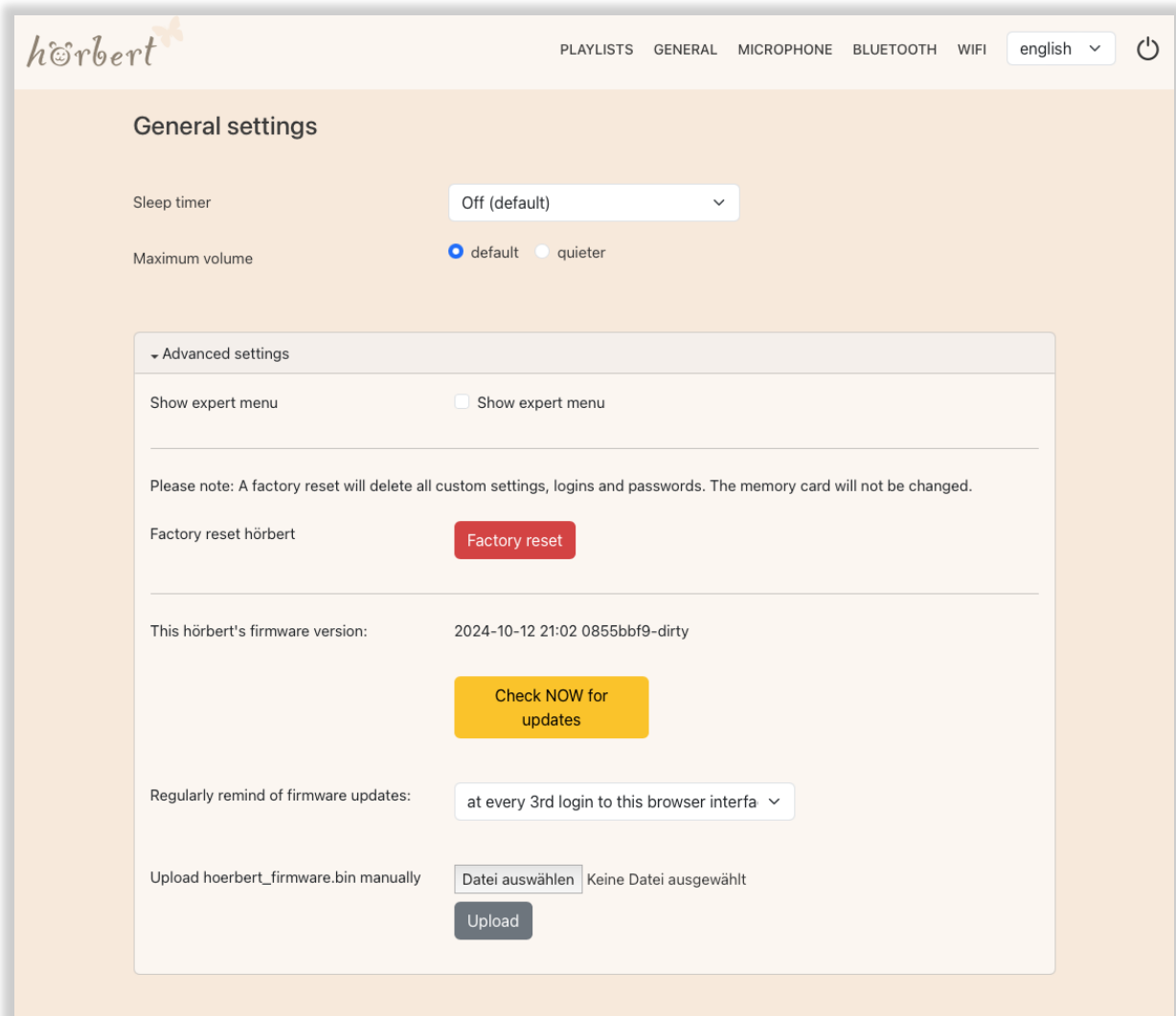


Figure 31 - General menu item

The settings under the menu item "General"

*Sleep timer:*



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

Figure 32 - General functions

*Maximum volume:*

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

### 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:

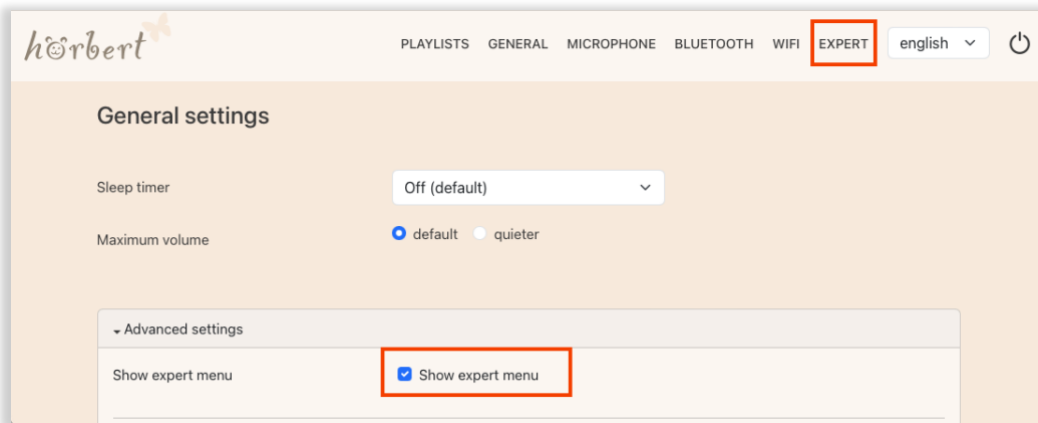


Figure 33 - Expert Menu Item

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 for hörbert to be able to connect to the Internet via your WLAN. See chapter: "WIRELESS" on page 37.

**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 3 buttons from firmware version 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

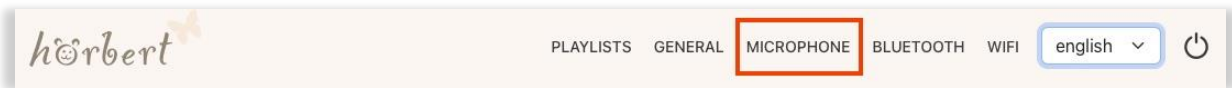


Figure 34 - Microphone Menu Item

The settings under the menu item "MICROPHONE"

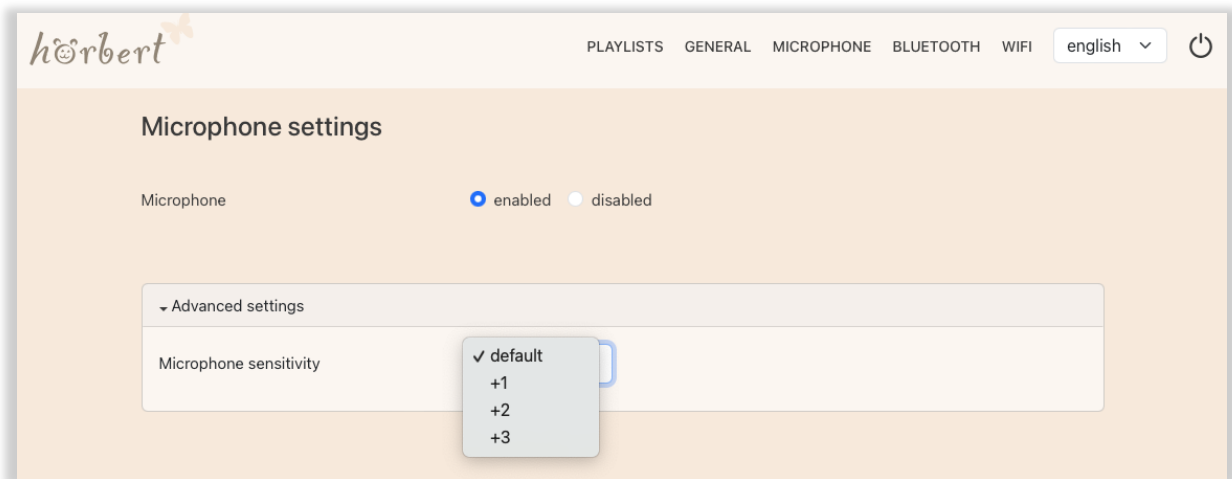


Figure 35 - Microphone Settings

### 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.

### 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.

### Start recording with a hörbert with 3 buttons

You start a recording with a hörbert with 3 buttons by first **changing the recording mode in the expert menu**.

(See chapter: EXPERT MENU)

Click on the menu item "Recording Settings":

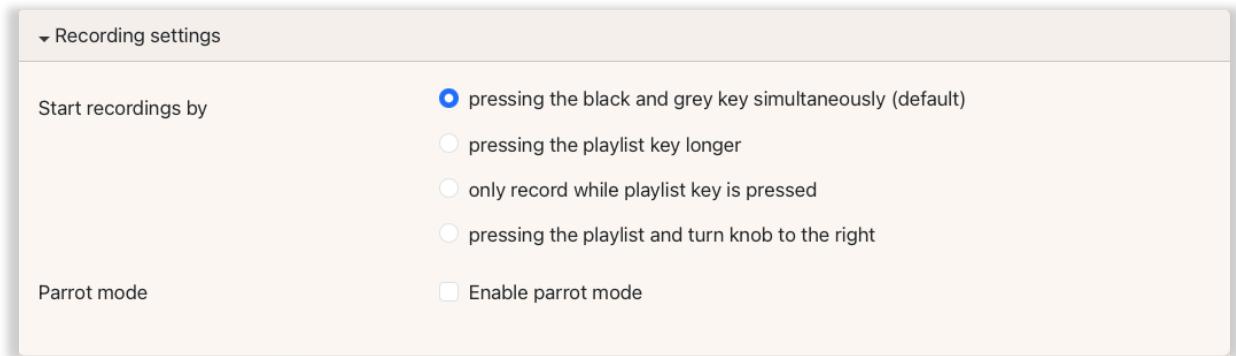


Figure 36 - Recording Settings

You can now select the following settings for starting a recording for your hörbert with 3 buttons:

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

**To start a voice recording, hörbert must play a playlist in which microphone recordings are allowed.** See chapter: "Allow microphone recording, Bluetooth recording, and web radio recording" on page 28

**At least one file must already exist in this playlist.**

After starting a recording, start at the small opening for the built-in microphone ((3) Figure 1 - hörbert's controls) the red LED lights up, the recording is running. Speak or sing into the microphone opening at a distance of about 5 cm

Stop recording by pressing a colorful button again. 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.

## BLUETOOTH

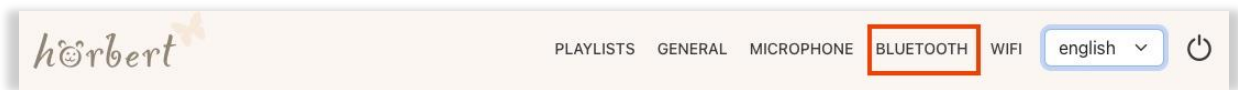


Figure 37 - Bluetooth Menu Item

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"

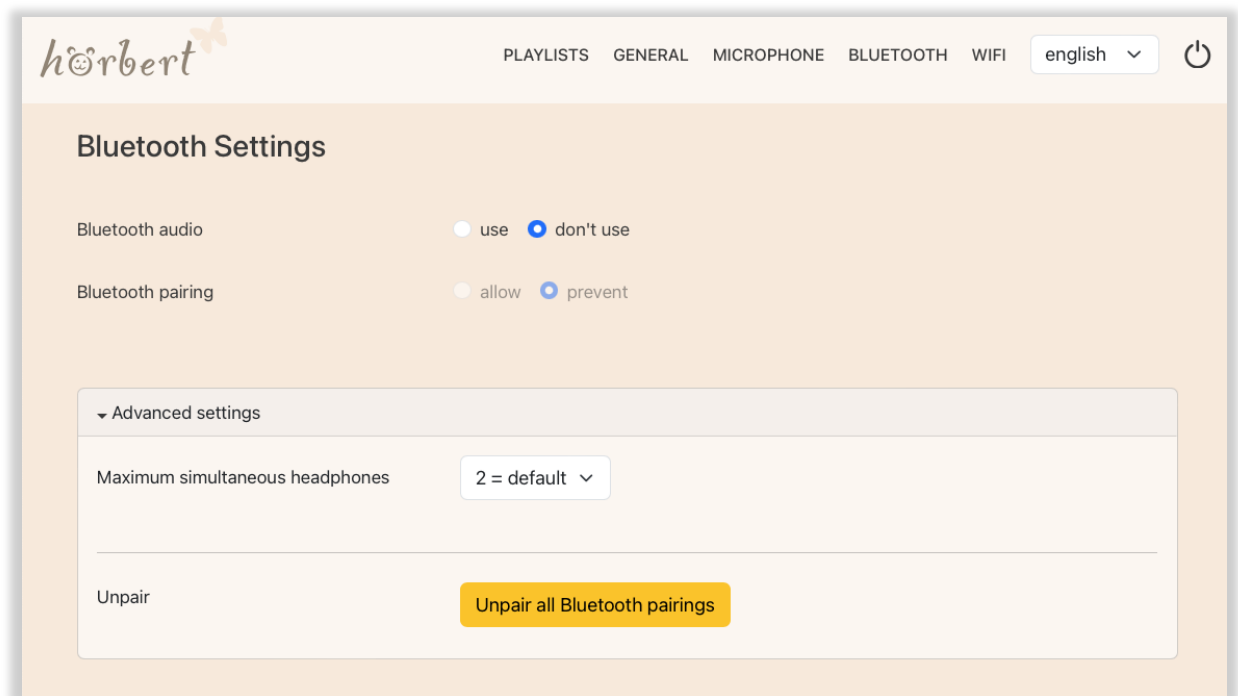


Figure 38 - Bluetooth Settings

### 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.

#### Pair hörbert with 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.

#### Unpairing

Select "Unpair 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.

#### Using hörbert as a 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 Browser Set Mode menu BLUETOOTH, select the command "use" for Bluetooth audio. (See chapter: Bluetooth audio)

Step 2:

- hörbert into Bluetooth speaker mode by double-pressing the on/off button. Please press the second button within about 0.5 seconds. hörbert then does not even play from his memory card. Instead, after the second press of the on/off switch, some ascending signal tones sound as confirmation that hörbert is now going into Bluetooth speaker mode.
- Now you 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 title or, for example, a YouTube music video on the station, hörbert will then play all audio sources from its speaker.

Attention: If you want to stop streaming and turn off hörbert: press the rotary control 1 x at the top. Then hörbert is over. It is not enough to simply disconnect from the mobile phone. Otherwise, hörbert stays on and consumes electricity, he waits for a new transmitter.

### Record Bluetooth streams

To record Bluetooth streams at the same time while listening, proceed as above in the main menu under MICROPHONE. (See chapter: Start recording with a hörbert with 3 buttons). The recordings end up at the end of the playlist you have allowed for Bluetooth recordings.

## WIRELESS

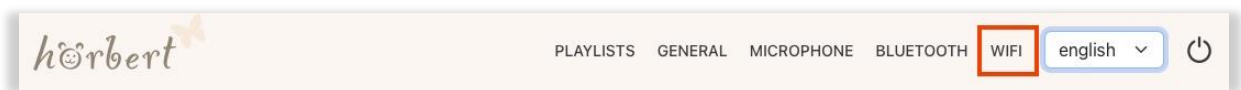


Figure 39 - WLAN menu item

The settings under the menu item "WIFI" 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 Wifi!

## The settings under the menu item "WIFI"

### WIRELESS

"enabled": In order for hörbert to play web radio stations or firmware updates to be conveniently installed at the touch of a button, Wi-Fi must be activated.

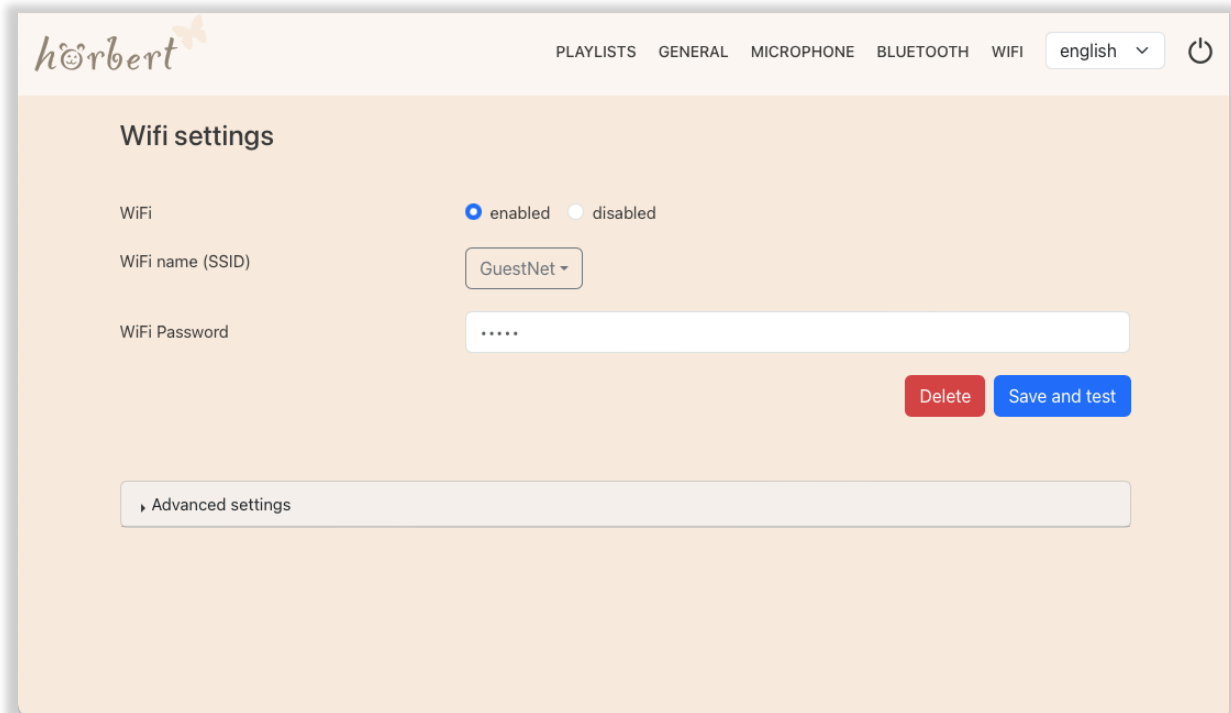


Figure 40 - Wi-Fi Settings

"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 Wi-Fi 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.

### 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.

## Instruction manual for hörbert with 3 buttons from firmware version Butterfly

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 26

### Record web radio streams

To record an Internet radio station at the same time while listening, proceed as above in the main menu under MICROPHONE below. (See chapter: Start recording with a hörbert with 3 buttons). The recordings will end up at the end of the playlist that you have allowed for Wi-Fi recordings.

## LANGUAGE

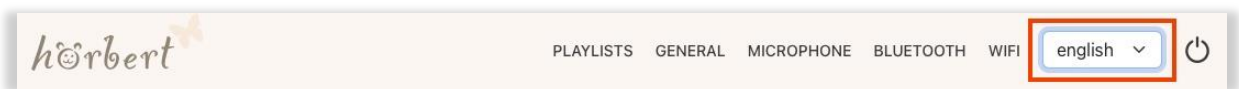


Figure 41 - Changing the language of the interface

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

## Disconnect Wi-Fi / Turn off Browser Set Mode

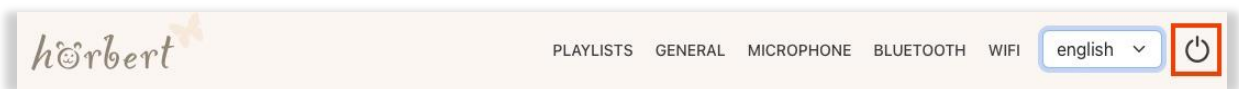


Figure 42 - Turn off browser SET mode

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

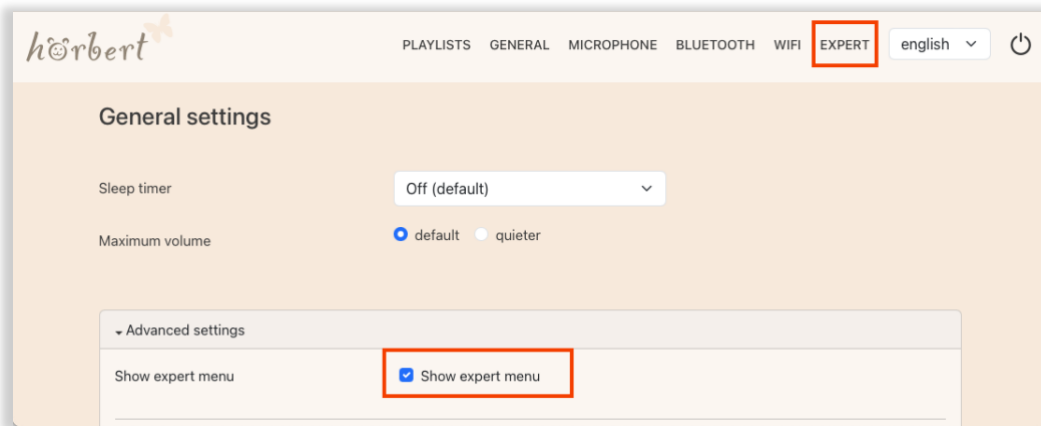


Figure 43 - Show Expert Menu

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:

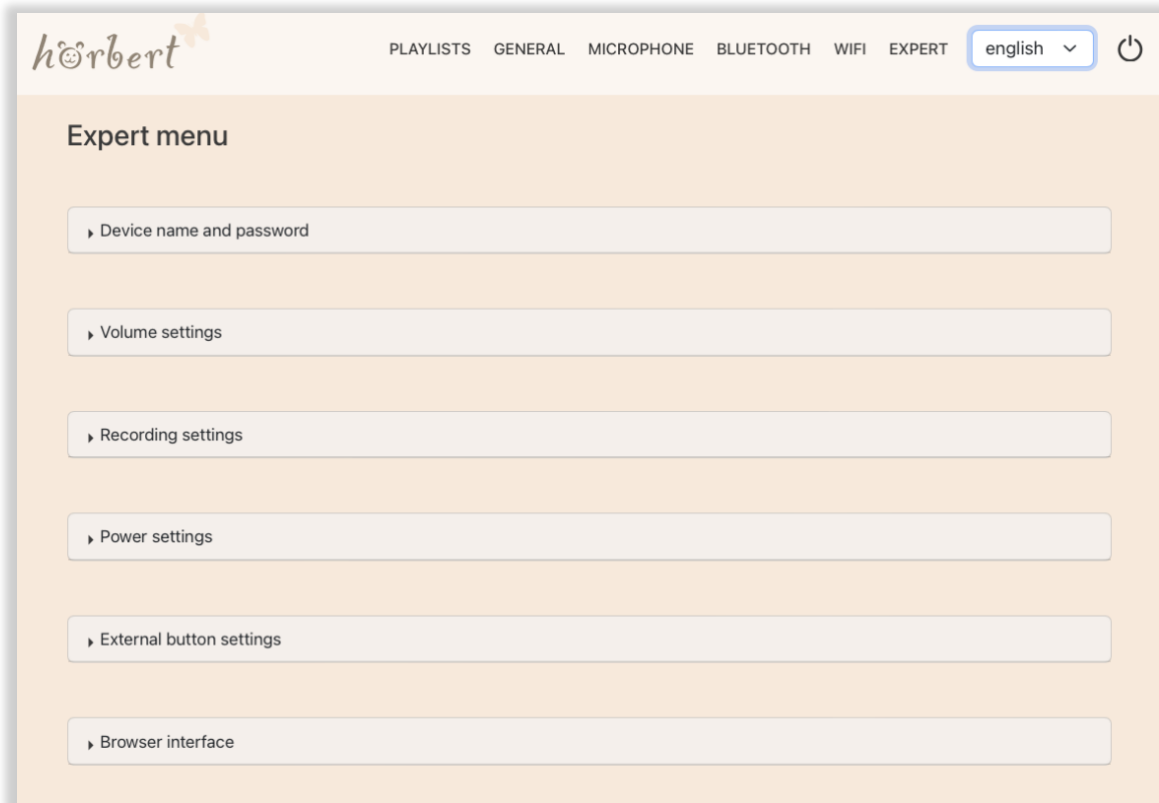
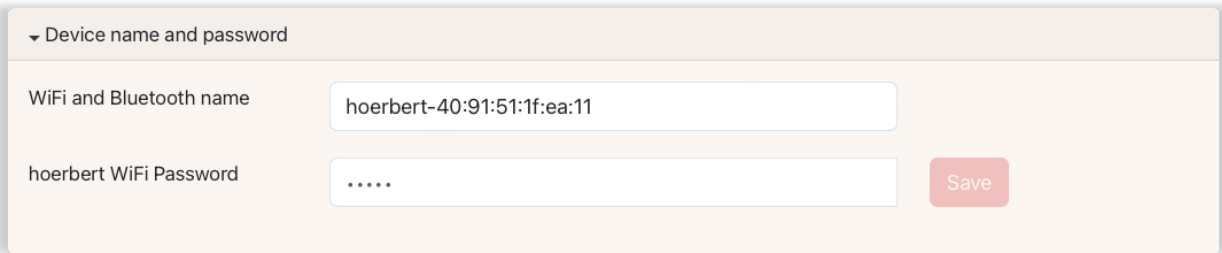


Figure 44 - Expert Menu



### *Expert: Device name and password*

#### WLAN and Bluetooth name for hörbert



The name displayed here is the name of the Wi-Fi that hörbert opens when you put it

*Figure 45 - Expert Mode: Device Name and Password*

in browser SET mode. You will need to connect to this Wi-Fi network if you want to use the browser SET mode.

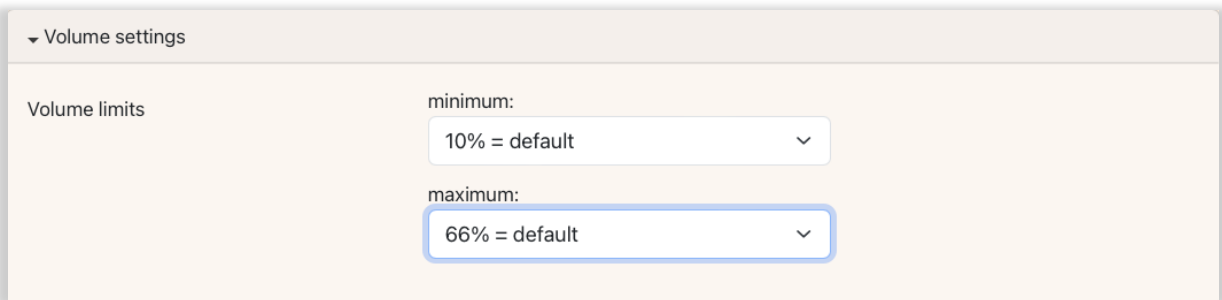
This name is also the Bluetooth name of your hörbert if you use it as a Bluetooth speaker.

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 46 - 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*

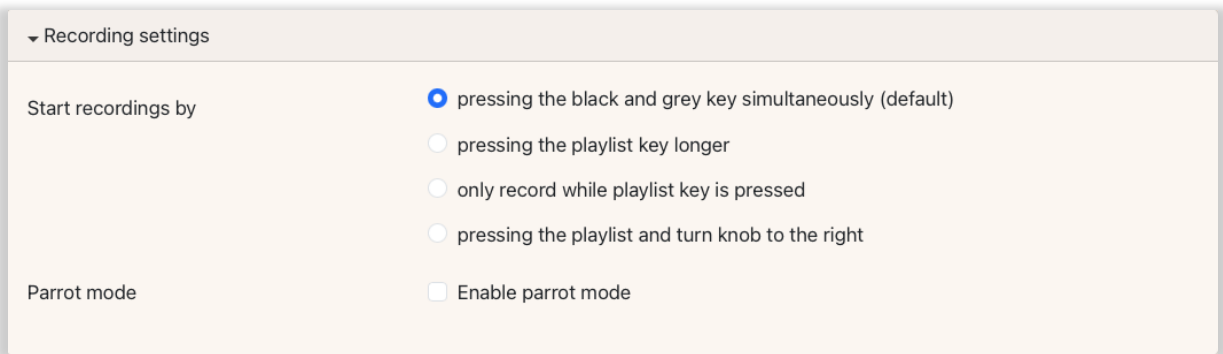


Figure 47 - Expert Mode: Recording Settings

#### *How are recordings started?*

Choose your preferred keyboard shortcut here to start recording. **For the hörbert with 3 buttons, variants 2 and 3 are possible.** The default is "Simultaneous pressing of the black and gray buttons", which only the hörbert with 11 keys has.

1. Longer press of a playlist button
- 2. Record only while a playlist button is pressed**
- 3. 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 is **not** 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

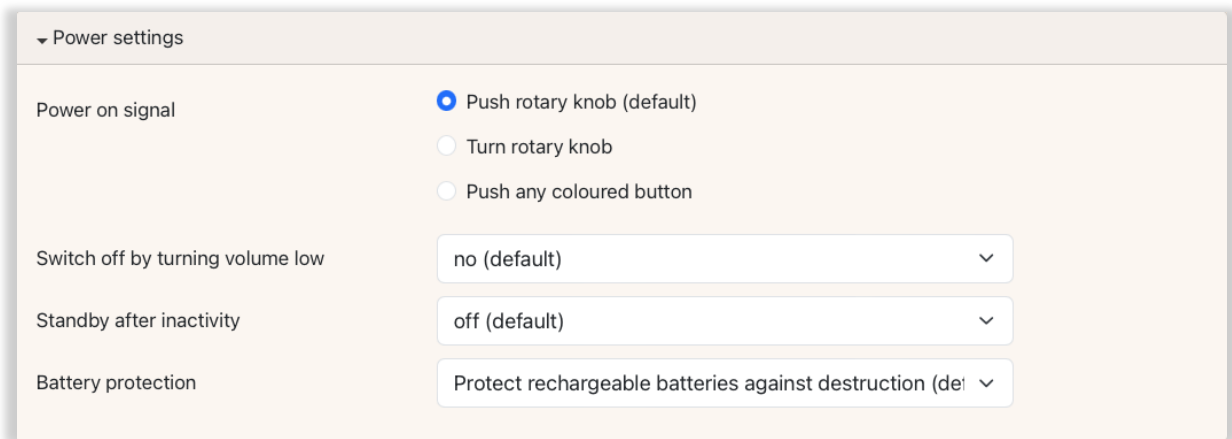


Figure 48 - Expert Mode: Power Settings

### 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

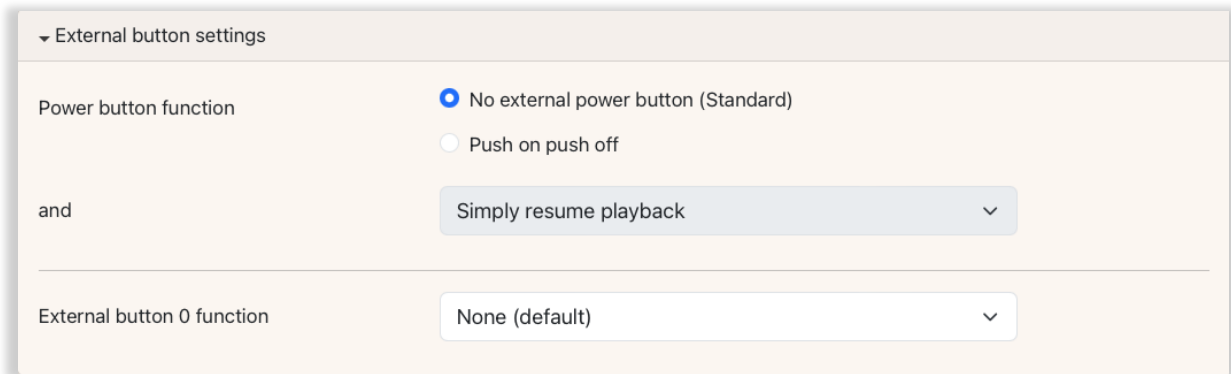


Figure 49 - Expert Mode: Function of the External Power Switch

For barrier-free listeners who have a connection for external control buttons, the behavior of two external buttons can be configured here.

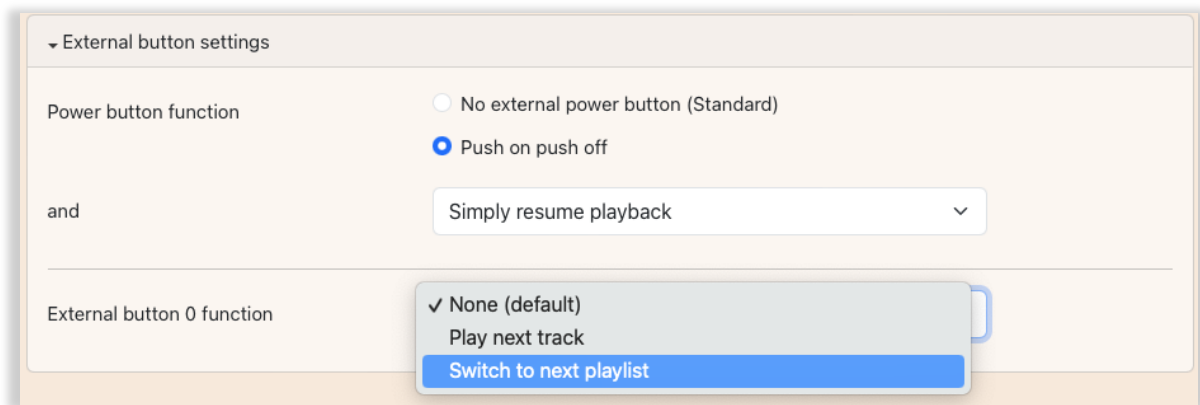


Figure 50 - Expert Mode: Settings for External Button 0

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

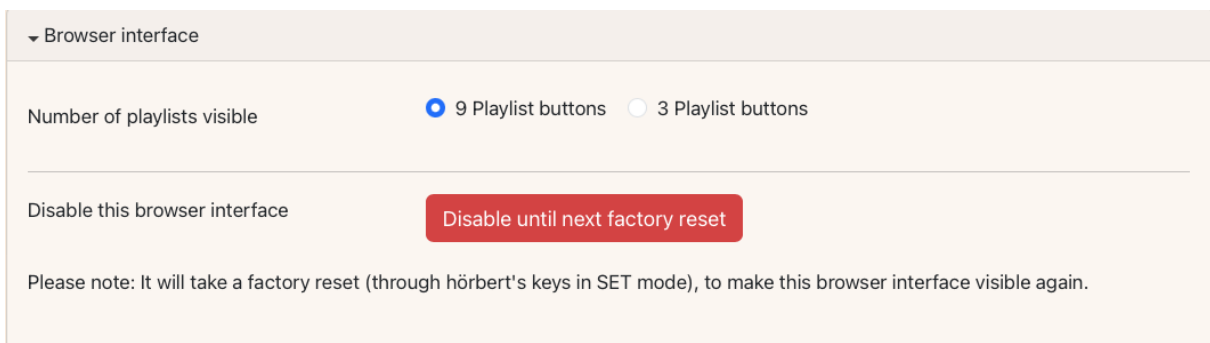


Figure 51 - Expert Mode: Browser User Interface

### 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 48

### *Expert: New options in the menu item PLAYLISTS*

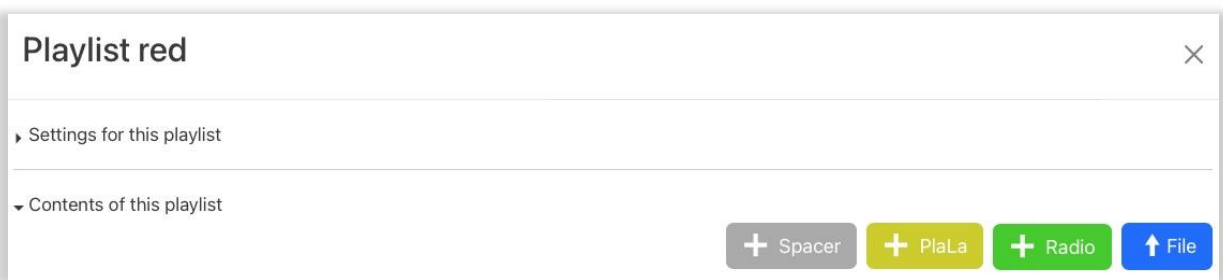


Figure 52 - Playlist content in expert mode

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

### 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** 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, more playlist mode choices will appear:

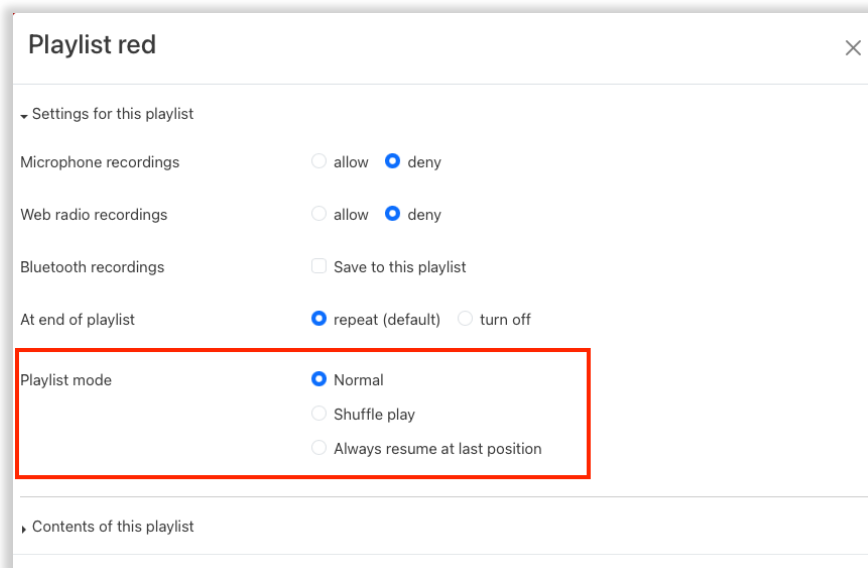


Figure 53 - Playlist mode

### *Normal playlist mode*

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

### *Shuffle in a playlist*

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

### *A playlist remembers its last playback position*

Select "Always continue playing in the 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

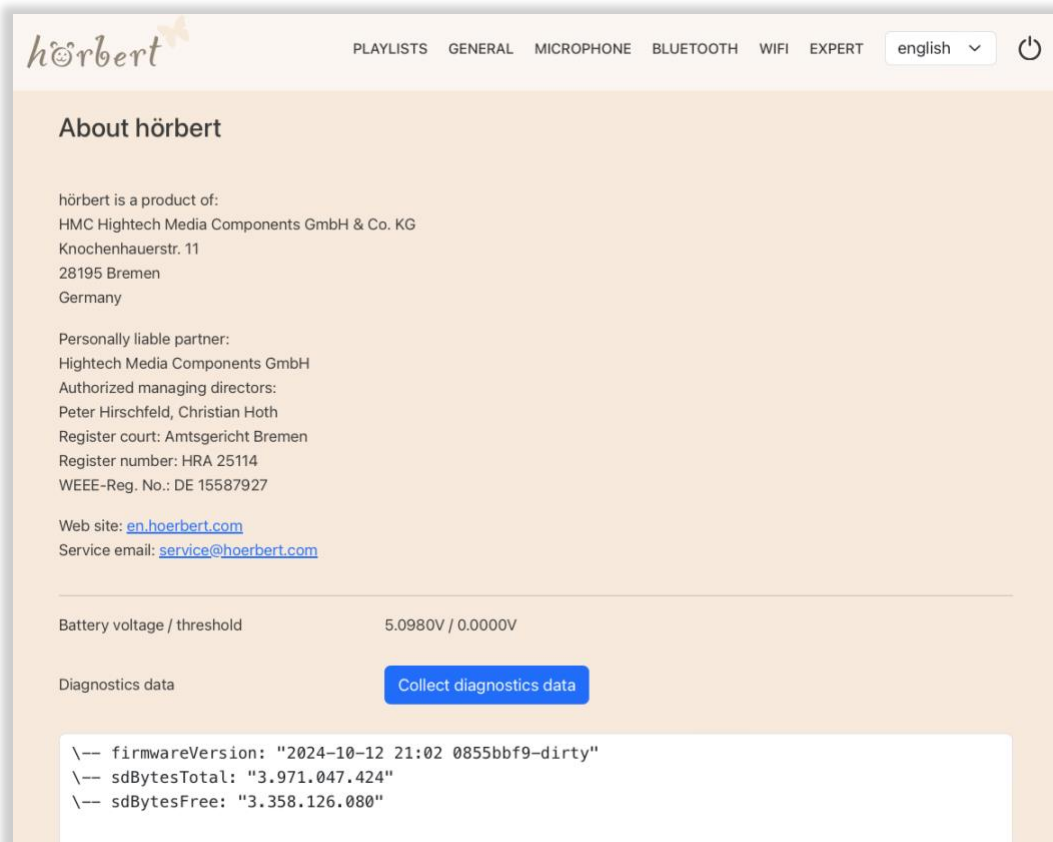


Figure 54 - Diagnostic Data

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.

If 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 set: sleep timer, Bluetooth on/off, WiFi on/off, WLAN name and password store. Turn the microphone on/off and put the listener in the quiet "piano" mode.

For a hörbert with 3 buttons, you need the hörbert software for this. This is available on our website [www.hoerbert.com](http://www.hoerbert.com) in the Service section under Software downloads for the Windows, macOS and Linux operating systems:

<https://www.hoerbert.com/service/downloads-und-bespielen/>

The detailed instructions for the hörbert software can be found under the following link:

<https://link.hoerbert.com/wczqu>