Profile Wireless

Compact, 2-channel all-in-one microphone system

PDF Export of the Original HTML Manual

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1. Preface

PDF Export of the Original HTML Manual

This PDF document is an automatic export of an interactive set of HTML manuals. Some content and interactive elements may not be included in the PDF because they cannot be displayed in this format. In addition, automatically generated page breaks may cause related content to be slightly shifted. We can therefore only guarantee the completeness of the information in the HTML manual and recommend using it. You can find it in the Documentation Portal at www.sennheiser.com/documentation.

2. Quick start

The Profile Wireless is ready to use in just a few steps.

To use Profile Wireless immediately:

1. Unpacking the Profile Wireless

- Unpack the Profile Wireless completely and inspect the delivery for completeness (see Delivery includes).
- Remove the protective films from the contacts on the receiver and the two transmitters.

> The charging status on delivery is about 30% and the devices come pre-paired.

2. Switching the devices on

- Turn on the receiver and one or both transmitters using the **ON/OFF button** (see Switching devices on and off).

3. Starting a recording

- Start a recording by either pressing the **REC button** on the transmitter or double-tapping on the receiver display (see Start/stop/mute recording).

✓ The Profile Wireless is ready to use.

3. Product Information

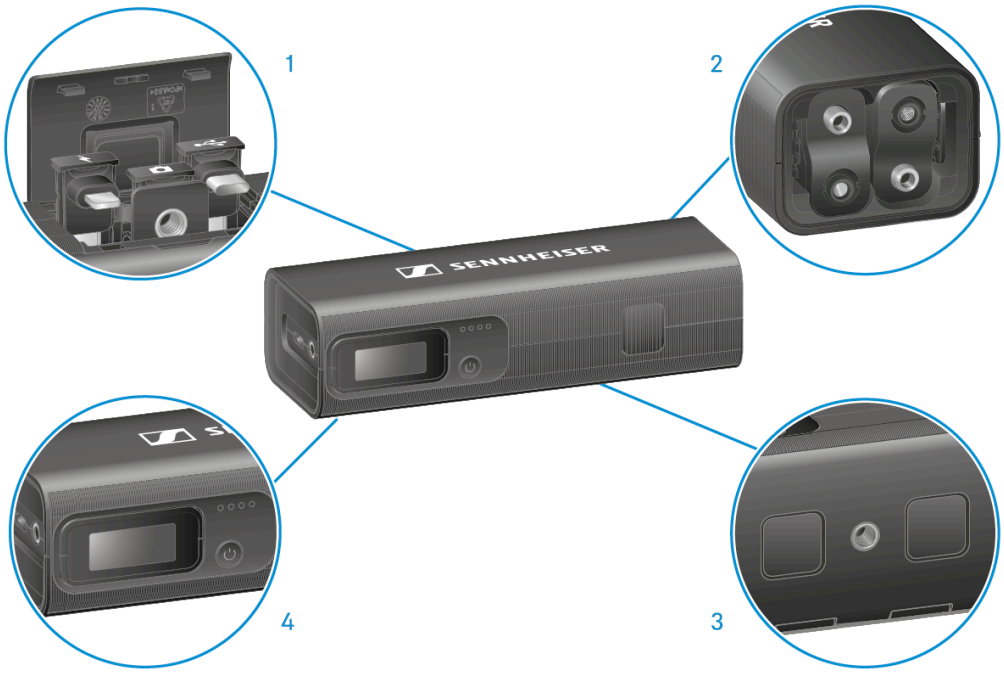
Information about the scope of delivery, the device's structure and connections, and available sets and accessories.

Device overview

Overview of the devices and their controls

Charging bar (CB)

Model: PWCB



1 Hinged compartment with three adaptors: USB-C, lightning and hot shoe

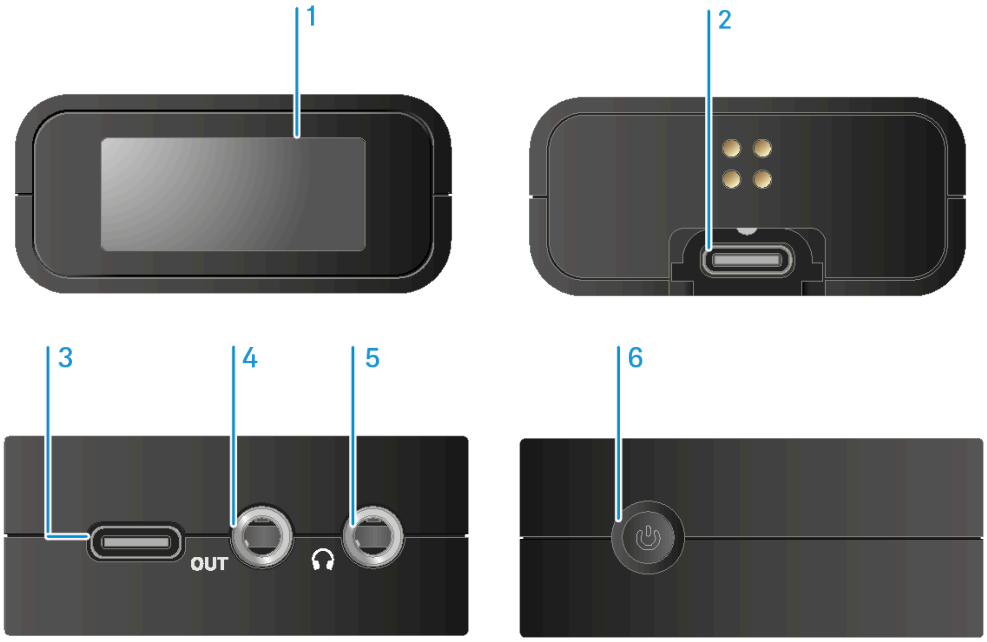
2 Slots for two transmitters (TX)

3 Magnets for securing the transmitters and threads for attaching a tripod

4 Slots for the receiver (RX)

Receiver (RX)

Model: PWRX



1 Touch display

2 USB-C connector / adaptor

3 USB-C connector

4 3.5 mm jack socket for connecting the camera

5 3.5 mm jack socket for headphones

6 ON/OFF button for switching the device on and off

Transmitter (TX)

Model: PWTX

1 LED to display battery status, connection status and recording status

2 Microphone / windshield connector

3 3.5 mm jack socket for TRS microphone

4 ON/OFF button for switching the device on and off

5 **REC** button for starting and stopping an internal recording

6 Clip fastener

7 USB-C connector

Delivery includes

The Profile Wireless is available in two different versions:

2-channel wireless microphone set

- Multifunction charging bar (CB)
- Two-channel receiver (RX)
- 2x clip-on microphone transmitters (TX)
- Adaptors: USB-C, lightning, hot shoe
- 2x fastening magnets
- Microphone windshield
- Charging bar windshield foam
- USB-C cable
- 3.5 mm TRS coiled cable
- Carrying pouch

1-channel wireless microphone set

- Two-channel receiver (RX)
- Clip-on microphone transmitter (TX)
- Adaptors: USB-C, lightning, hot shoe
- Fastening magnet
- Microphone windshield
- 2x USB-C cables
- 3.5 mm TRS coiled cable
- Small carrying pouch

Accessories

The following components are available as accessories:

Multifunction charging bar (CB)	Art. no. 700267
Two-channel receiver (RX)	Art. no. 700269
Clip-on microphone transmitter (TX)	Art. no. 700268
USB-C adaptor	Art. no. 700275
Lightning adaptor	Art. no. 700273
Hot shoe adaptor	Art. no. 700274
Fastening magnet	Art. no. 700270
Microphone windshield	Art. no. 700271
Charging bar windshield foam	Art. no. 700481
3.5 mm TRS coiled cable	Art. no. 700272
Carrying pouch	Art. no. 700276
Small carrying pouch	Art. no. 700279

4. User Manual

Information on handling, operation, user interface and application scenarios.

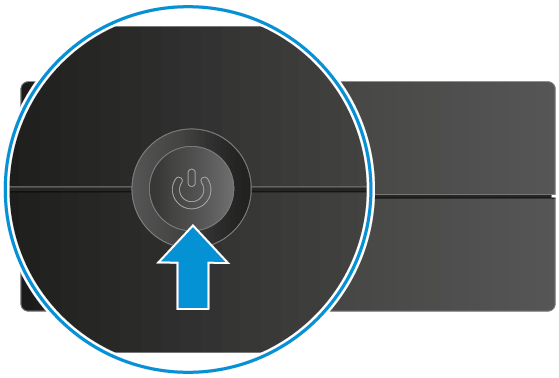
Commissioning the Device

This chapter describes the initial configuration and commissioning of the product.

Switching devices on and off

To switch the receiver on:

- Press the **ON/OFF** button.
  - The receiver switches on.



To switch the receiver off:

- Press the **ON/OFF** button.
  - The receiver switches off.

To switch the transmitter on:

- Press the **ON/OFF** button.
  - The transmitter switches on.

To switch the transmitter off:

- Press the **ON/OFF** button.
  - The transmitter switches off.

To switch on/off all devices in the charging bar simultaneously:

- Press and hold the **ON/OFF** button on the charging bar.
  - All inserted devices are switched on/off.

Charging devices / checking charge levels

Receivers and transmitters charge automatically when they are inserted into the charging bar (see Inserting/removing the receiver and transmitter). Alternatively, they can also be charged separately via USB-C.

To charge the charging bar:

- Connect a power source (e.g. power supply unit or power bank) to the charging bar via USB-C. The USB-C jack is located above the adaptor storage compartment.

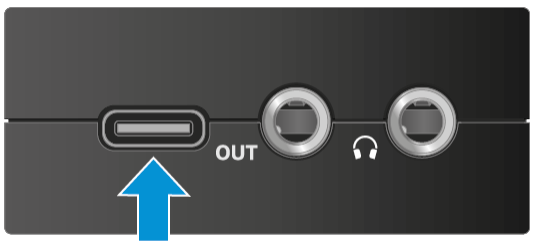
  > i We recommend the power supply unit NT 5-20 UCW (art. no. 508996).

  ✓ The charging bar now begins charging.

To charge the receiver via USB-C:

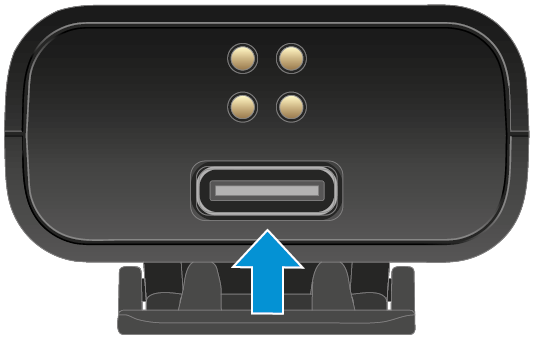
- Connect a power source (e.g. power supply unit or power bank) to the receiver via USB-C.

  ✓ The receiver will now begin charging.



To charge the transmitter via USB-C:

- Connect a power source (e.g. power supply unit or power bank) to the transmitter via USB-C.
  - The transmitter now begins charging.



To check the charge level of the devices:

- Briefly press the **ON/OFF** button on the charging bar.
  - The LEDs on the charging bar show the current charging status of the charging bar. The receiver display shows the charge levels of all devices.

Inserting/removing the receiver and transmitter

To remove the receiver:

- Press the release button on the bottom of the charging bar.
  - The receiver is ejected and can be removed.

To insert the receiver:

- Insert the receiver into the appropriate slot in the charging bar.
  - The receiver locks in with an audible click.

To remove the transmitters:

- Press the two release buttons on the left and right side of the charging bar.
  - The transmitters are ejected and can be removed.

To insert the transmitters:

- Insert the transmitters into the appropriate slots in the charging bar.
  - The transmitters lock in with an audible click.

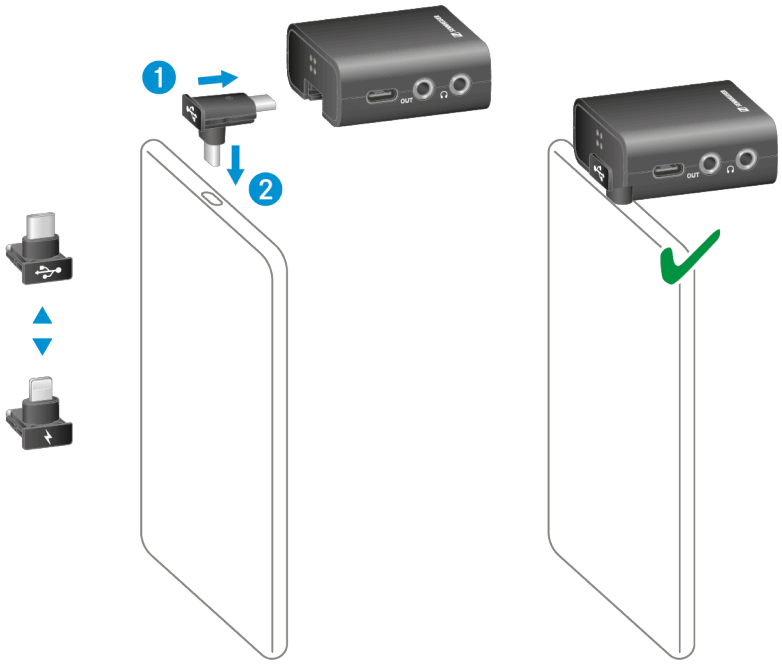
Connecting a receiver to a smartphone

The receiver can be connected to a smartphone using the included USB-C or lightning adaptor.

To connect a smartphone to the receiver:

- Select the adaptor that suits your smartphone and connect it to the receiver first and then to the smartphone as shown.

  The receiver is now connected to the smartphone.

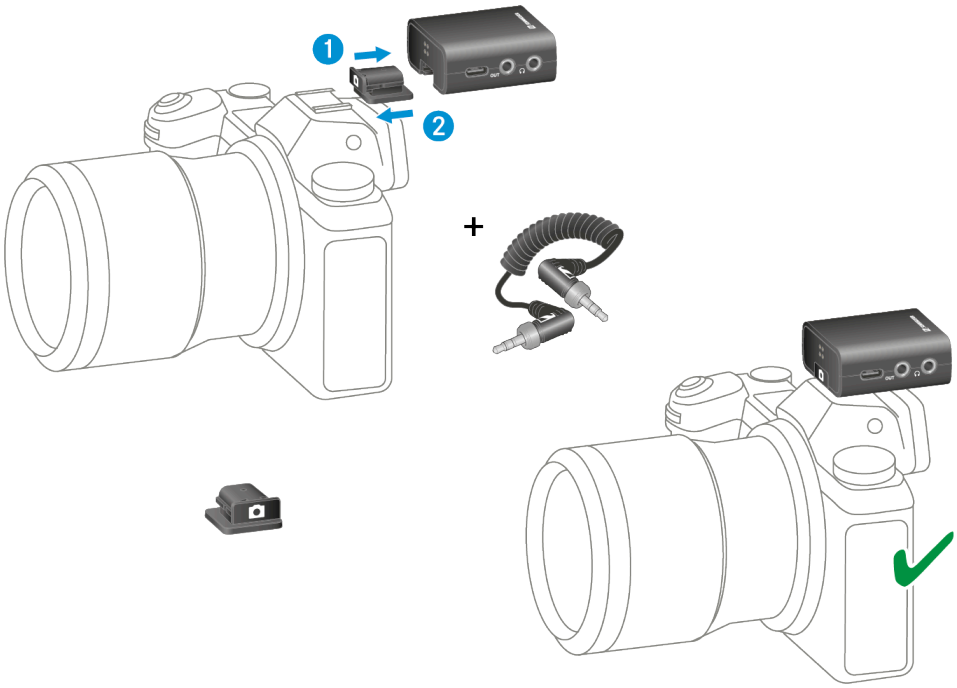


Connecting a receiver to a camera

The receiver can be connected to a camera using the supplied hot shoe adaptor.

To connect the receiver to a camera:

- Connect the hot shoe adaptor to the receiver first, then to the camera, as shown.
- Connect the receiver to the camera using the supplied 3.5 mm jack cable.
  - The receiver is now connected to the camera.



Connecting a receiver or transmitter to a PC or Mac

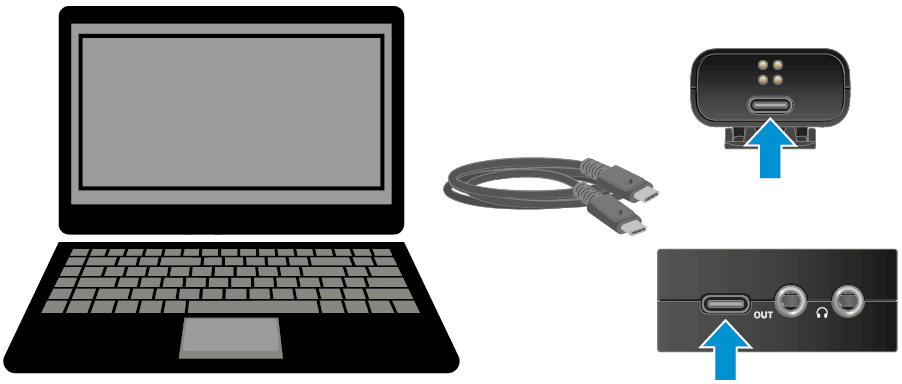
Receivers and transmitters can be connected to a PC or Mac using the included USB-C cable. This allows you to access recordings or perform firmware updates (see Resetting or installing updates).

> **i** When the receiver is connected to a PC or Mac, it is recognized as a microphone and displayed.

To connect a receiver or transmitter to a PC or Mac:

- Plug the supplied USB-C cable into the corresponding USB-C sockets on the devices and on the PC or Mac as shown in the figure.

  ✓ The receiver or transmitter is now connected to the PC or Mac.



User Manual

The following chapters contain additional information on operating the product.

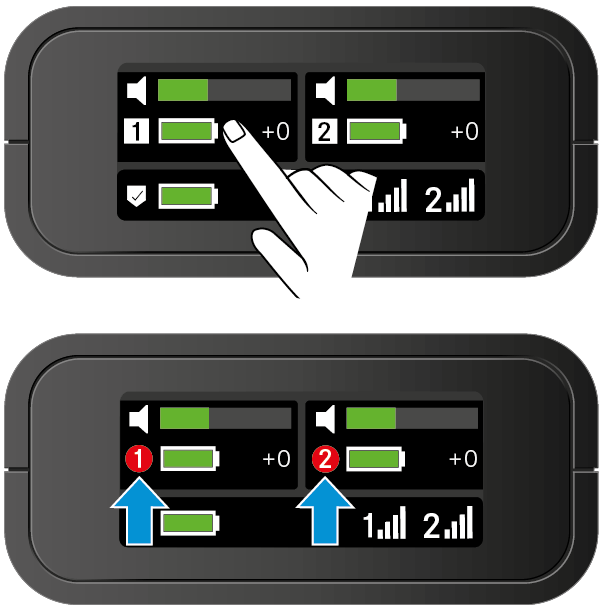
Start/stop/mute recording

To start/stop a recording via the transmitter:

- Briefly press the **REC** button on the side of the transmitter.
  - Recording is started/stopped.

To start/stop a recording via the receiver:

- Double-tap one of the transmitter fields on the receiver's display.
  - Recording is started/stopped. An active recording is indicated by red icons in the transmitter fields.



To mute a transmitter:

- Press the **REC** button to mute or enable the audio signal.
- Alternatively, the transmitters can also be muted using the corresponding menu on the receiver. See Accessing the transmitter menu, navigating through menu items and making settings.

  The transmitter is muted or enabled.

Outputting audio signals

The receiver has two unbalanced 3.5 mm audio outputs.

CAUTION

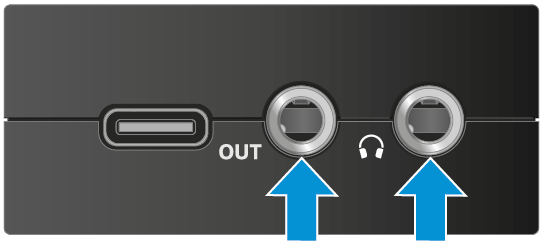
Hearing damage due to high volumes

The product is capable of producing high sound pressure levels. Higher volumes or longer durations can damage your hearing.

- Set the volume to a medium level.

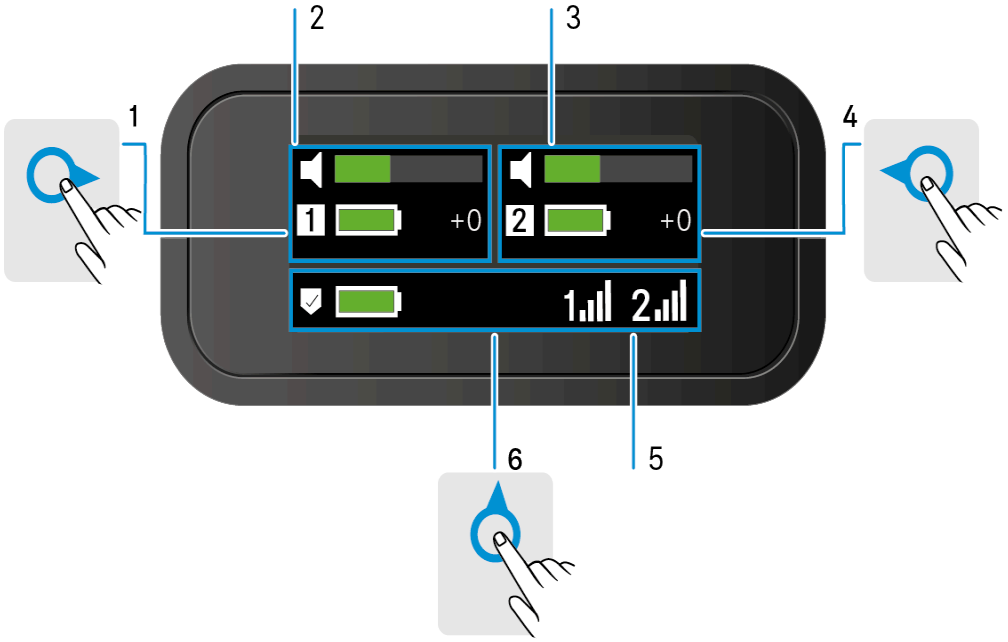
To connect headphones or an audio output device to the receiver:

- Insert the jack cable into the appropriate socket on the receiver.



Displays on the receiver's display panel

Status information such as recording mode, signal strength, battery status and audio level is shown on the display.



Home screen

The display is divided into three different areas for the two transmitters and the receiver.

1. TX1 menu – swipe right to make adjustments.
2. TX1 status information
3. TX2 status information
4. TX2 menu – swipe left to make adjustments.
5. RX menu – status information
6. RX menu – swipe up to make adjustments.

See Operating the receiver for more information on navigating the menu structure.

Home screen icons

The following icons may appear on the home screen depending on your settings:

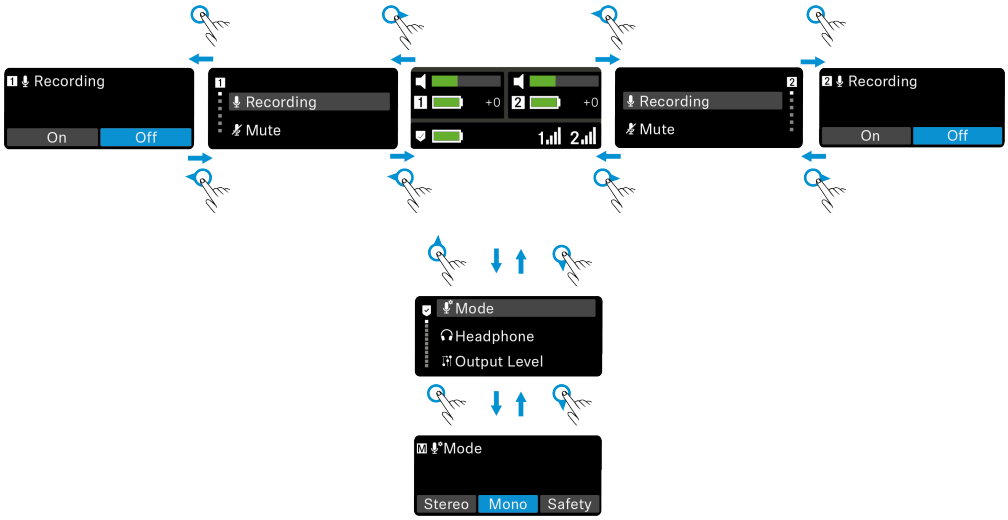
RX mode: Mono, Stereo, or Safety are enabled. See Receiver output modes.

Transmitter audio bar.

	Adaptor for connecting a smartphone to the receiver. See Connecting a receiver to a smartphone
	Display lock enabled.
	Icons for transmitters 1 and 2.
	Active recording by the transmitters. See Start/stop/mute recording
	Display of the transmitter signal strength.
	Display of the battery status. See Charging devices / checking charge levels
	Display of the gain level.
	Low-cut filter activated.

Operating the receiver

The receiver's display is divided into three areas for the receiver and the two transmitters. The different menu items can be opened and settings can be made using different swiping movements. The receiver is operated using the navigation principle shown below.



> **i** As an alternative to the swiping movements, you can also go back one menu by briefly pressing the **ON/OFF** button on the side of the receiver.

Navigation principle

The following gestures are possible on the touch screen:

Swipe up.

- When on the home screen, swiping up takes you to the receiver menu.
- Used to navigate through the menus.

Swipe down.

- When in the receiver menu, swiping down takes you back to the main menu or to the home screen.
- Used to navigate through the menus.

Swipe left.

- When on the home screen, swiping left opens the TX2 transmitter menu.
- When in the TX1 transmitter menu, swiping left takes you back to the main menu or to the home screen.

Swipe right.

- When on the home screen, swiping right opens the TX1 transmitter menu.
- When in the TX2 transmitter menu, swiping left takes you back to the main menu or to the home screen.

Tap.

- A single, short tap can be used to make adjustments or confirm a selection.

Double tap.

- Double-tap the transmitter displays on the home screen to start or stop recording. See Start/stop/mute recording.

Tap and hold.

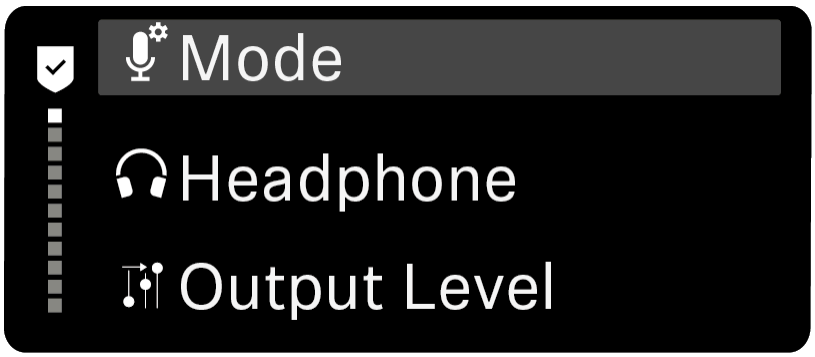
- Tap and hold to make adjustments faster than single-tapping multiple times. This is useful for adjusting the brightness or headphones, for example.

Accessing the receiver menu, navigating through menu items and making settings

In this menu, you can make settings for the subitems Mode, Headphones, Output Level, Backup Recording, Brightness, Pairing, Rotate Display, Date, Time, Reset and Info. A complete overview of the menu can be found here: Receiver menu structure

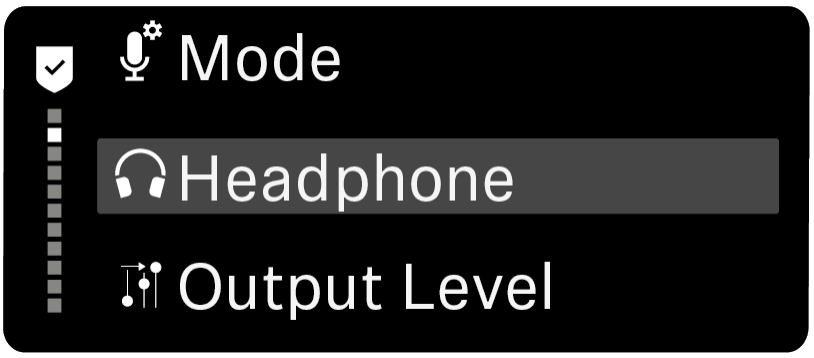
To open the RX menu:

- Swipe up on the display.
  - You will be taken to the RX menu.



To navigate the menu items:

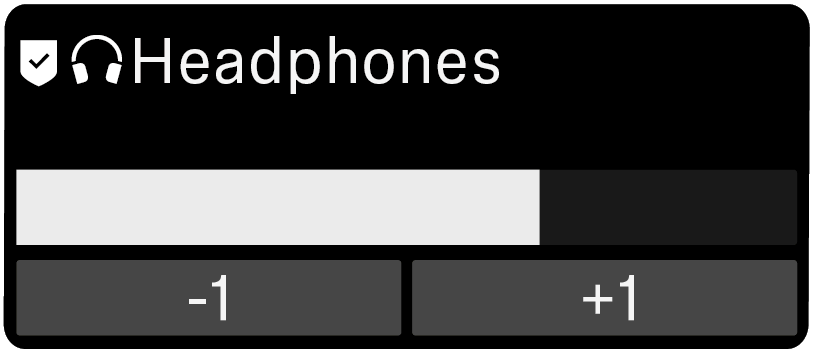
- Swipe up or down on the display.
  - The currently active menu item appears in the center of the display highlighted in gray.



To display a menu item and make settings:

- Navigate to the desired menu item as described above.
- Tap the gray menu item to open it.
- Tap the different buttons.

The settings are applied.



To return to the receiver menu:

- Swipe down on the display or press the ON/OFF button.

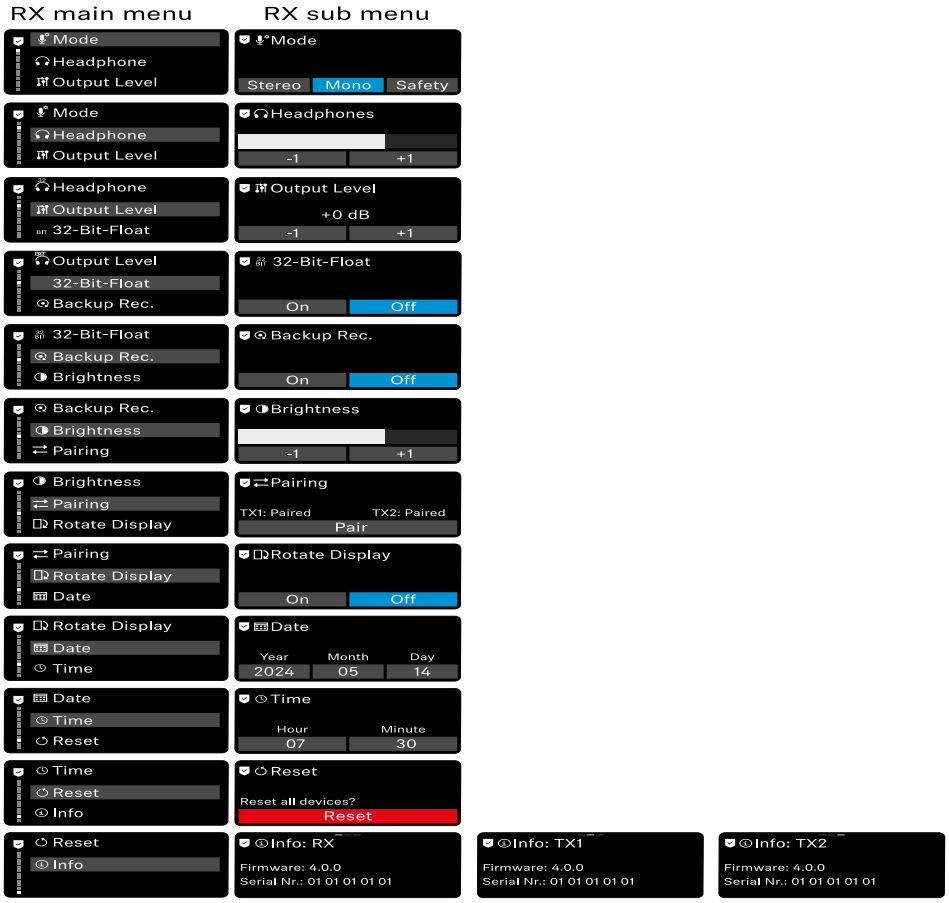
  You will be taken to the receiver menu.

To return to the home screen:

- Swipe down on the display or press the ON/OFF button.

  You will be returned to the home screen.

Receiver menu structure

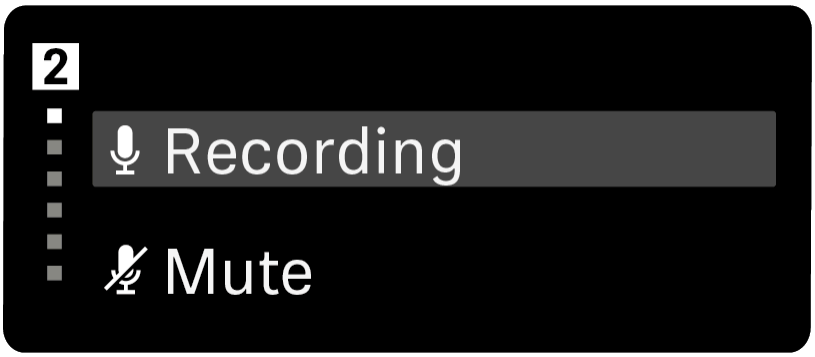


Accessing the transmitter menu, navigating through menu items and making settings

In this menu, you can make settings for the subitems Recording, Mute, Gain, Low Cut, LED Lights and Memory. A complete overview of the menu can be found here: Transmitter menu structure

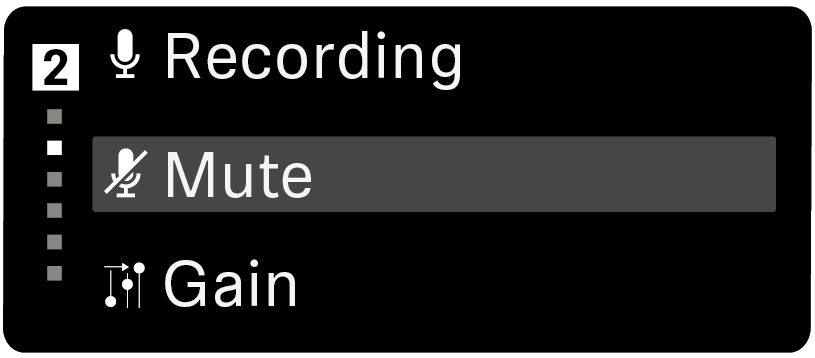
To open the TX menu:

- Swipe right (for the TX1 menu) or left (for the TX2 menu) on the display.
  - You will be taken to the TX menu.



To navigate the menu items:

- Swipe up or down on the display.
  - The currently active menu item appears in the center of the display highlighted in gray.



To display a menu item and make settings:

- Navigate to the desired menu item as described above.
- Tap the gray menu item to open it.
- Tap the different buttons.

✓ The settings are applied.

To go back to the transmitter menu:

▶ Swipe left (for TX2) or right (for TX1) on the display.

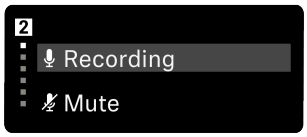
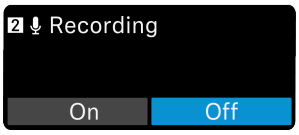
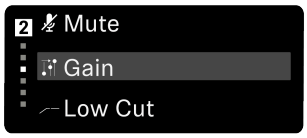
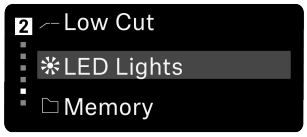
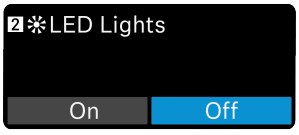
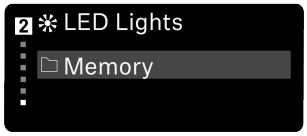
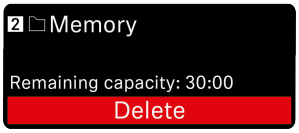
✓ You will be taken to the transmitter menu.

To return to the home screen:

▶ Swipe left (for TX2) or right (for TX1) on the display.

✓ You will be returned to the home screen.

Transmitter menu structure

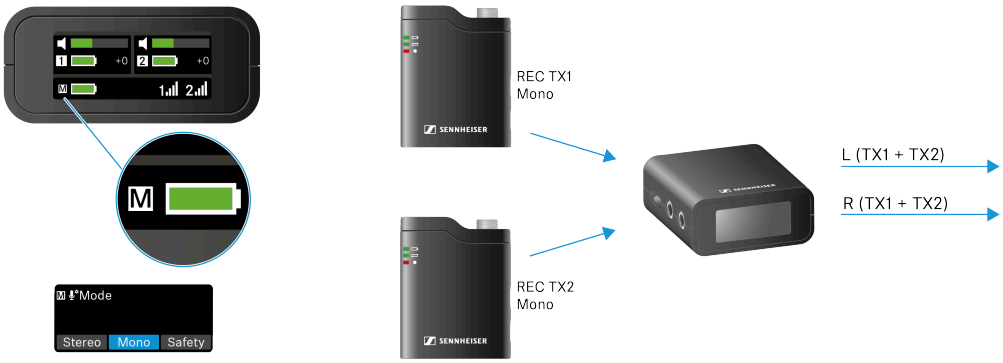
TX main menu	TX sub menu
	
	
	
	
	
	

Receiver output modes

The receiver has three different modes (mono, stereo and safety) that can be set to optimally adjust all parameters to the respective recording situation and make your work easier.

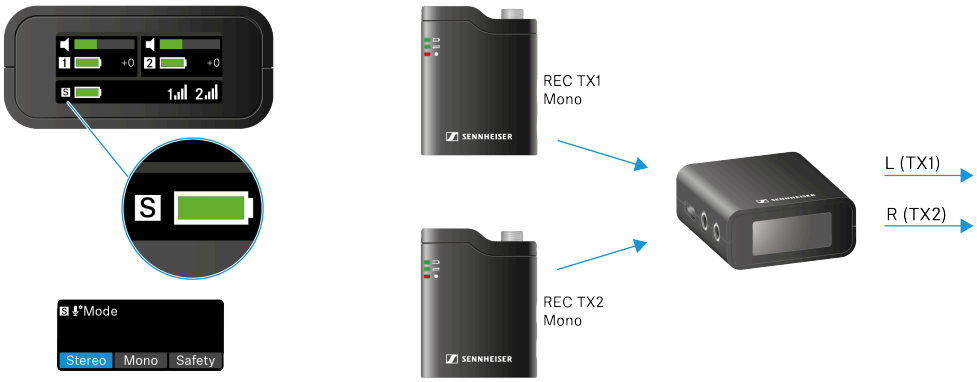
> The different modes can be selected in the receiver menu. See Accessing the receiver menu, navigating through menu items and making settings.

Mono mode



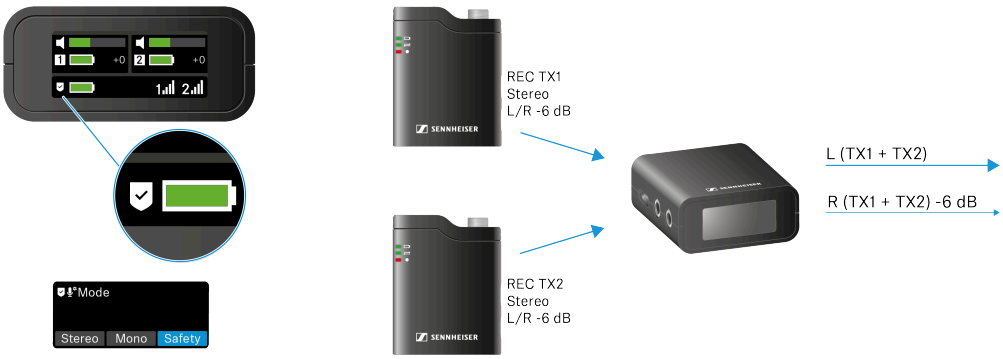
Mono mode is ideal when using balanced audio output (left/right) on a device (e.g. camera or smartphone) that only supports one input channel. With this mode, the signals of both transmitters are mixed in the receiver and output as an identical signal from the left and right receiver outputs. However, this means that the audio signals from the transmitters cannot be processed separately in post-production.

Stereo mode



In **stereo mode**, the audio signals from the two transmitters are output separately via the audio outputs (analog and digital) on the receiver (TX 1 left / TX 2 right). In this mode, the audio from the two transmitters are recorded on your camera, smart device or computer as separate tracks and can be edited individually in post-production.

Safety mode



Safety mode works essentially like mono mode, except in this case the right channel of the mixed audio signal is output at -6 dB on the receiver output. This quieter track is a safety feature in case the sound overdrives on the camera during recording.

For added safety, a stereo recording with two different gain settings is recorded on the transmitter in this mode. Again, the right channel is 6 dB quieter. This ensures that the recording makes full use of the capsule's available dynamics and prevents clipping in many cases.

Bluetooth® Mode

The transmitter (TX) can establish a direct wireless connection to your Bluetooth®-compatible smart devices or PC/Mac via Bluetooth® Classic or Bluetooth® LE Audio, without requiring a Profile Wireless Receiver, and you can find information on pairing transmitter and receiver in the chapter Pairing transmitter and receiver.

To activate Bluetooth® mode:

- Briefly press the **ON/OFF** button on the side of the powered-on transmitter 3 times.

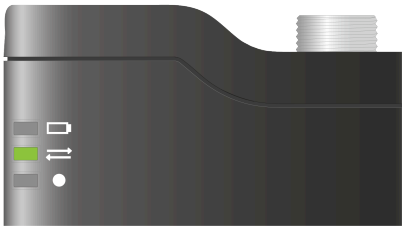
  ✓ Bluetooth® mode is activated and the connection status LED initially lights up blue:

> **i** For information on compatible devices, see the chapter here.

- Set the transmitter (TX) to pairing mode.
- Now pair your smart device by selecting the transmitter (TX) in the Bluetooth® menu; it will be displayed as "Profile Wireless TX BT".

> **i** If your device supports "Bluetooth® LE Audio", you must enable "LE Audio" in the Bluetooth® connection settings. Only then will you use the highest possible audio quality for the wireless connection without a receiver. If your device only supports "Bluetooth® Classic", this option will not be displayed.

✓ When your smart device is paired, the connection status LED lights up green.



To disconnect the transmitter from a paired smart device, the following options are available:

- Select the transmitter in the Bluetooth® settings of the smart device and click "Disconnect".

  ✓ The connection LED on the transmitter changes from green to blue and the connection to the smart device is disconnected.

- Set the transmitter to pairing mode to pair it with another smart device.

  ✓ The connection LED on the transmitter flashes blue.

- To pair the transmitter with the receiver again, switch from Bluetooth® mode to proprietary mode. To do this, quickly press the **ON/OFF** button on the transmitter three times while it is switched on.

  ✓ The connection LED on the transmitter changes from green to red and the transmitter can now be connected to the receiver again.

32-bit float recording function

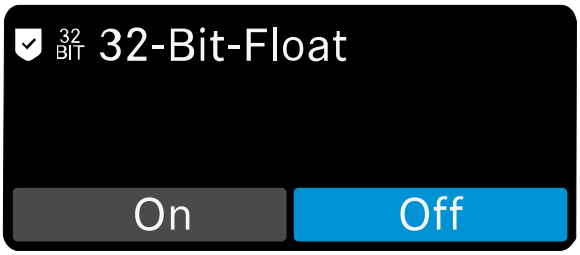
The 32-bit float recording function enables exceptionally high dynamics, precision and the recovery of quiet and overdriven recordings on the internal memory.

> **i** Please note that this recording method reduces the available recording time, as 32-bit float recordings require more space than the regular 24-bit/48kHz recordings.

To enable/disable the 32-bit float feature:

- Open the Receiver menu, navigate to the menu item "32-Bit-Float" and confirm the selection by tapping (see Opening the Receiver menu, navigating through the menu items and making settings).
- Then tap "**On**" or "**Off**" to enable/disable this feature.

  The 32-bit float function is now enabled/disabled.



Backup recording mode

The backup recording mode automatically turns on the internal recording when the RF signal weakens or disappears. This feature allows you to ensure that you always have a backup audio recording on your station when needed – without having to manually start the internal recording feature at each session.

> **i** Once a backup recording is triggered, the transmitter's recording LED and the recording icon on the receiver display light up and indicate that an internal recording is in progress.

To set backup recording mode:

- Open the Receiver menu, navigate to the menu item "Backup Rec." and confirm the selection by tapping (see Opening the Receiver menu, navigating through the menu items and making settings).
- Then tap "**On**" or "**Off**" to enable/disable this feature.
  - Backup recording mode is now enabled/disabled.

Adjusting the transmitter gain

The sensitivity of the transmitter microphones can be adjusted using the gain control. It can be set on the transmitter itself, provided the transmitter is not connected to the receiver. When the transmitter is connected, this feature is disabled and controlled by the receiver.

> **i** Once the transmitter and receiver are connected, the gain can be adjusted via the transmitter menu on the receiver (see Accessing the transmitter menu, navigating through menu items and making settings).

To adjust the gain on the transmitter:

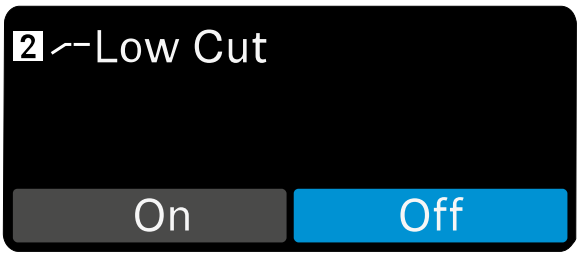
- When the receiver is powered on, press the **ON/OFF** button twice in quick succession to enter gain mode.
- Pressing one more time changes the gain in three steps from -6, to 0 to +6 dB. The green feedback LEDs indicate the selected setting (see Meaning of the LEDs on the transmitter).
  - ✓ After a short time, the last selected value is saved and the transmitter returns to normal operating mode.

Setting the transmitter low cut

The low cut filter can reduce unwanted low-frequency noise in audio recordings.

To activate/deactivate the low-cut filter:

- Open one of the transmitter menus, navigate to the "Low Cut" menu item and confirm the selection by tapping.
- Then tap "On" or "Off" to enable/disable this feature for the particular transmitter.
  - The low cut filter is now enabled/disabled.



Pairing the transmitter and receiver

The two transmitters are delivered pre-paired with the receiver. If you do not automatically connect to the receiver when you turn it on, you can manually activate the pairing mode of both devices to re-establish the connection.

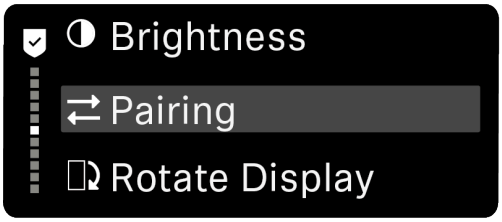
> **i** If the transmitter is in Bluetooth® mode, you must first switch to proprietary mode. You can recognize this by the Connection LED lighting up solid blue. To do this, briefly press the **ON/OFF** button on the transmitter three times while it is switched on. The Connection LED now lights up solid red.

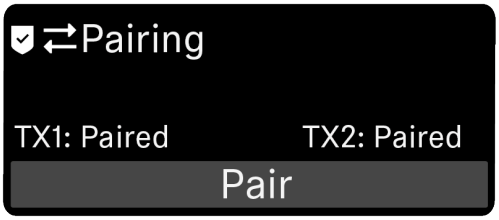
To activate pairing mode on the transmitter:

- Press the **ON/OFF** and **REC** buttons on the transmitter **simultaneously** for 2 seconds.
- Do not release the two buttons until the connection status LED flashes blue (see Meaning of the LEDs on the transmitter).
  - ✓ Pairing mode is activated on the transmitter.

To activate pairing mode on the receiver:

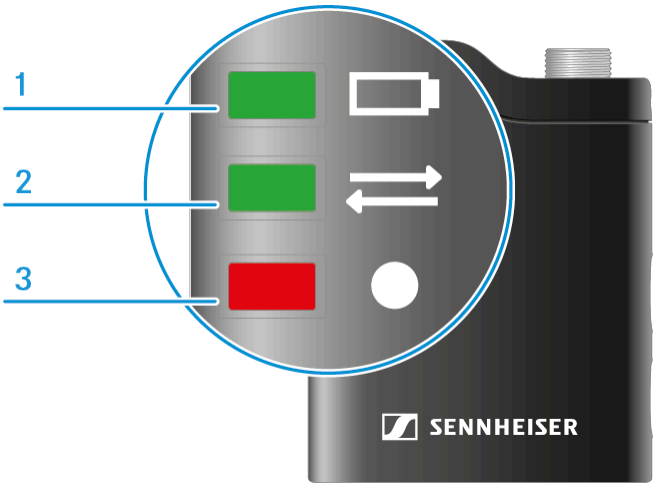
- Navigate to the “Pairing” item in the receiver menu and open it (see Accessing the receiver menu, navigating through menu items and making settings).
- In the submenu that opens, you can activate pairing mode using the “Pair” button.
  - ✓ Pairing mode is activated on the receiver.





The devices will now connect automatically.

Meaning of the LEDs on the transmitter



> **i** It is possible to turn off the transmitter LEDs individually while they are connected to the receiver. This helps prevent unwanted flashing in video recordings.
>
> Simply go to one of the transmitter menus, navigate to "LED Lights" and confirm the selection by tapping. Then tap "On" or "Off" to enable/disable this feature for the particular transmitter. (see Accessing the transmitter menu, navigating through menu items and making settings)
>
> The transmitter LEDs automatically switch on again if the connection to the receiver or the power supply is interrupted. This ensures that the device status can be seen.

1 LED charging status

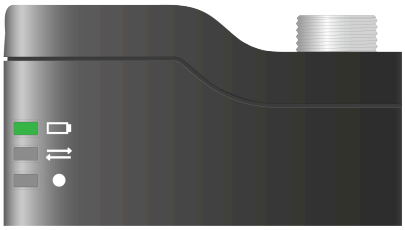
2 Connection status LED

3 Recording LED

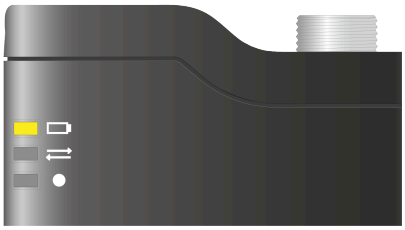
Charging status LED

The charging status LED indicates the charge level of the transmitter.

The LED is green:	• The battery level is between 100 and 51%.

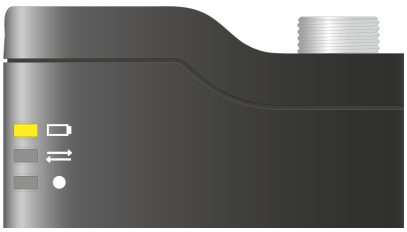


The LED is yellow:



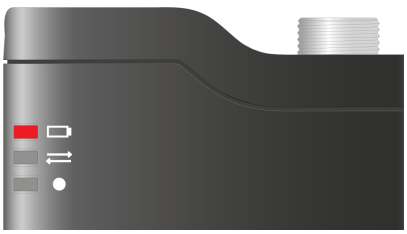
- The charge level is between 50 and 11%.

The LED is flashing yellow:



- The battery is charging.

The LED is flashing red:

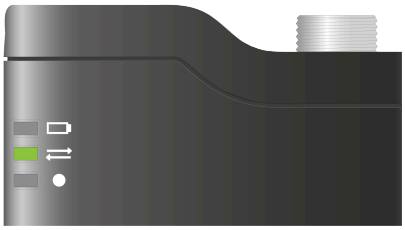


- The charge level is between 10 and 1%.

Connection status LED

The connection status LED indicates the pairing status of the transmitter and the receiver.

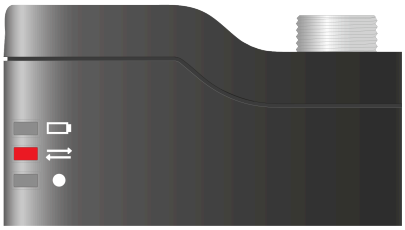
The LED is green:



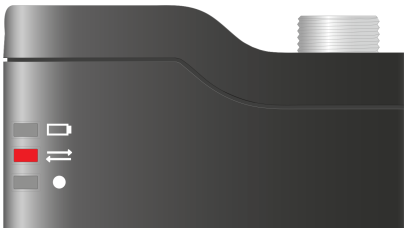
- The transmitter is connected to the receiver.

The LED is continuously red:

- The transmitter is not connected to the receiver.

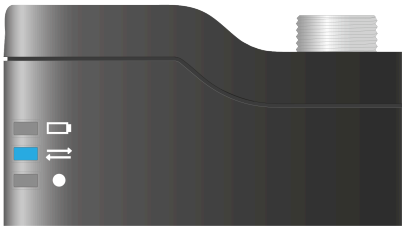


The LED is flashing red:



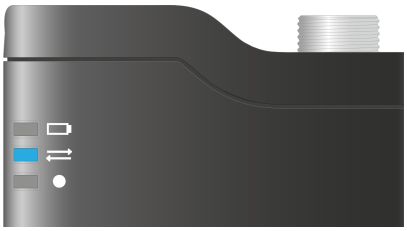
- The connection exists but is weak. You can expect the connection to cut out.

The LED is continuously blue:



- The Bluetooth® mode is active, but no device is connected.

The LED is flashing blue:

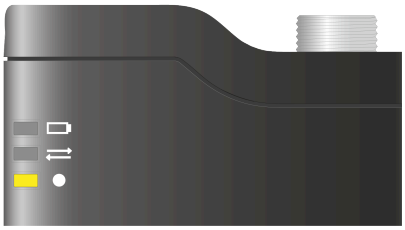


- Coupling mode active.

Recording LED

The recording LED provides information about the status of an active recording or the memory (see Start/stop/mute recording).

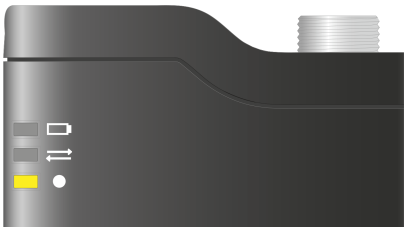
The LED is yellow:



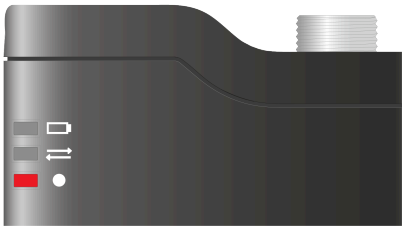
- The transmitter is muted.

The LED is flashing yellow:

- Clipping warning / volume too high.

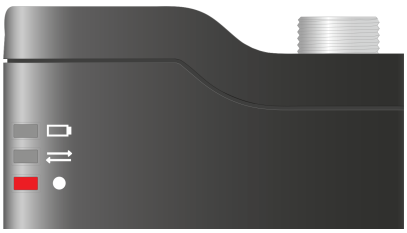


The LED is continuously red:



- The transmitter is recording / active recording.

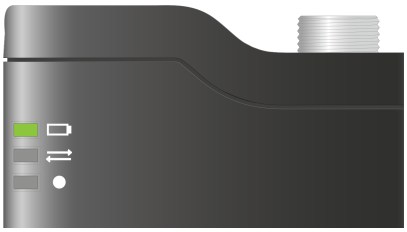
The LED is flashing red:



- Memory is full.

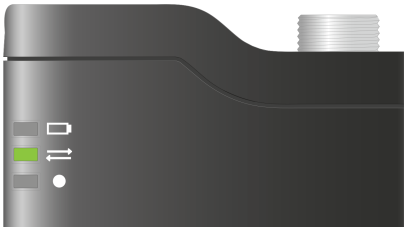
Gain settings

The charging status LED flashes green:



- Gain level status: + 6 dB

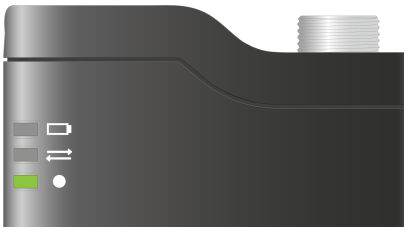
The connection LED flashes green:



- Gain level status: 0 dB

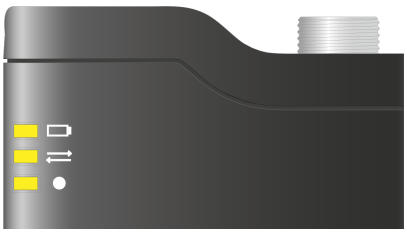
The recording LED flashes green:

- Gain level status: -6 dB



Other LED indicators

All LEDs are flashing yellow simultaneously:



- Reset or update is underway.

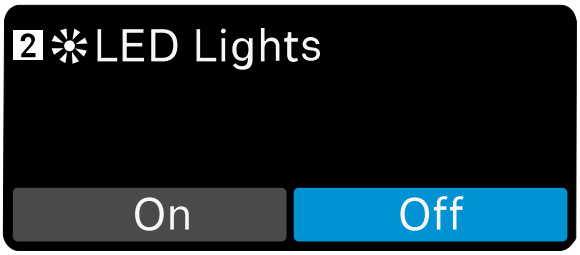
Switching off the transmitter LEDs

It is possible to turn off the transmitter LEDs individually while they are connected to the receiver. This helps prevent unwanted flashing in video recordings.

> The transmitter LEDs automatically switch on again if the connection to the receiver or the power supply is interrupted. This ensures that the device status can be seen.

To switch the LEDs on the transmitter on/off:

- Go to one of the transmitter menus, navigate to "LED Lights" and confirm the selection by tapping.
- Then tap "**On**" or "**Off**" to enable/disable this feature for the particular transmitter.
  - The LEDs are now on/off.



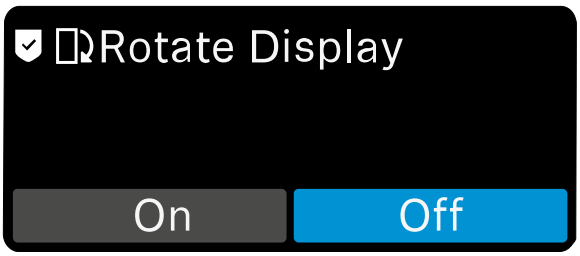
Rotate display feature

The receiver has a gyro sensor that, when the "Rotate Display" feature is enabled, can automatically rotate the display by 180 degrees. This feature is especially useful if you want to shoot videos in portrait layout with your smartphone or if the display is upside down due to the attachment of the receiver to a camera or smartphone.

> **i** If you want the orientation to be permanently rotated by 180 degrees, simply enable the feature, turn the receiver upside down and disable the feature again. Now the display permanently maintains this orientation.
> To reverse this effect, simply enable the feature, move the receiver to the desired orientation and disable the feature again.

To enable/disable the feature:

- Open the Receiver menu, navigate to the menu item "Display Rotation" and confirm the selection by tapping (see Opening the Receiver menu, navigating through the menu items and making settings).
- Then tap "**On**" or "**Off**" to enable/disable this feature.
  - The "Rotate Display" feature is now enabled/disabled.



Installing updates or performing a reset

To reset via the transmitter:

- Press and hold both the **ON/OFF** and **REC** buttons for 7 seconds.
  - All LEDs flash yellow, indicating that a reset is underway.

- Then briefly press the **ON/OFF** and **REC** buttons simultaneously to confirm the reset.

> **i** If you do not confirm the reset by pressing again, the process is aborted.

  - The transmitter automatically switches off and on again after a successful reset.

To reset via the receiver:

- In the receiver menu, navigate to the Reset sub-item and select it by tapping once.
- Tap “Reset all devices”
  - The reset is carried out on all devices. The devices automatically switch off and on again after a successful reset.

> **i** If you do not confirm the reset in the next step by pressing again, the process is aborted.

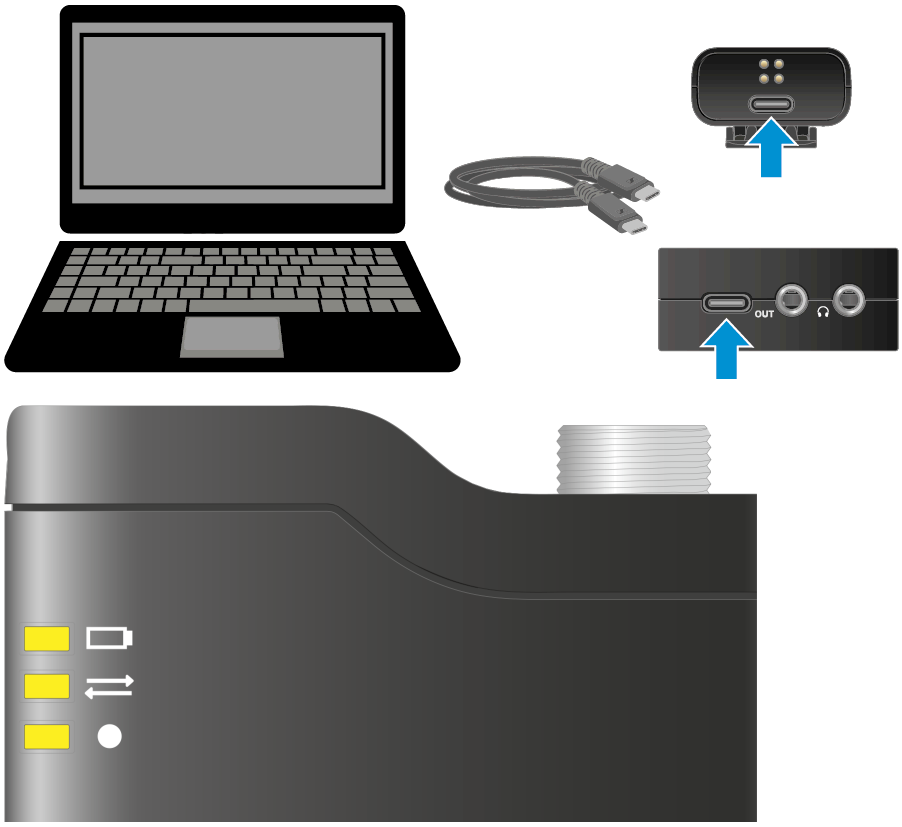
To perform a firmware update on the receiver and transmitter:

- Connect the receiver and transmitters to your PC or Mac using USB-C.

  > ⚠ To ensure trouble-free updating of the firmware, it is advisable to switch off all transmitters or receivers in the system before the update process.

- Go to the Profile Wireless product page and download the latest firmware update tool under “Downloads”.
- Launch the tool and follow the instructions.

  ✓ The firmware update is performed on the connected device. During the update, all LEDs on the transmitter flash yellow. The receiver and transmitters automatically switch off and on again after a successful update.


OUT

Set date and time

Profile Wireless provides its own “Date and Time” function to ensure that internal recordings on each transmitter are time-stamped correctly and can be easily identified for post-production.

> **i** When you set the date and time on the receiver, this information is automatically transferred and stored on the transmitters as soon as they are connected to the receiver. If your set does not include a receiver, you can set these values via the firmware update tool (described below).

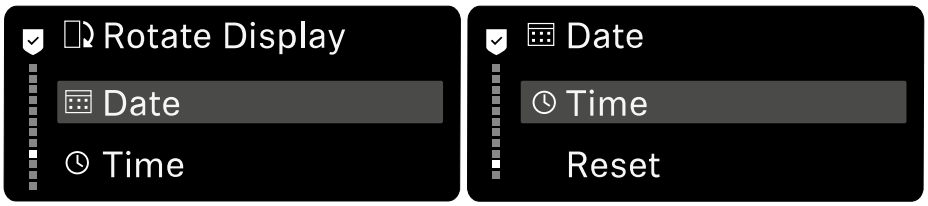
Set date and time during initial setup:

> **i** Each device prompts the user to set the date and time before first use. This menu also appears again after every reset.

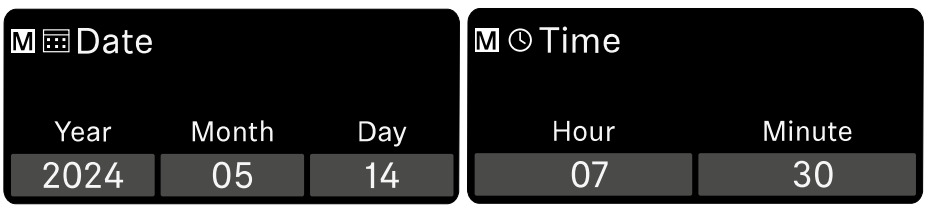
- Select the correct year using **-1** and **+1** and confirm your selection by swiping left.
- Repeat the previous step for month, day, hour, and minute.
- By clicking **Confirm**, you save the settings and return to the main menu.
- By swiping right, you return to the previous option to make corrections.

Set date and time in the receiver menu:

- Swipe up on the home screen to open the receiver menu.
- Scroll down to the **Date** and **Time** menu items.



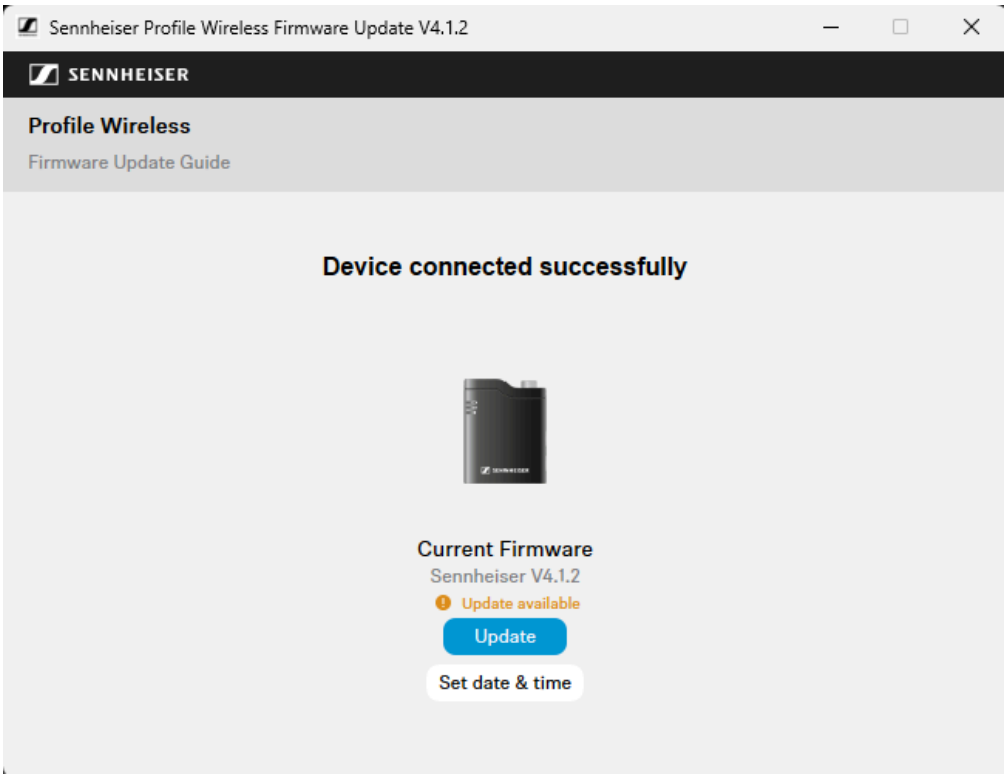
- Tap to open the respective submenus, then tap the grey control fields to select individual values and adjust them using **-1** and **+1**.



- Confirm the values by briefly pressing the **ON/OFF** button.
- To confirm the entries and return to the receiver menu, briefly press the **ON/OFF** button or swipe from top to bottom across the display.

Set date and time via the PC/Mac update tool:

- Connect transmitter or receiver to your PC or Mac using a USB-C cable.
- Open the firmware update tool and accept the license agreement.



- Click the “Set date and time” button.

  You can now adjust the date and time, and the updated values will be shown in the file name for each new recording. This ensures that internal recordings on each transmitter are time-stamped correctly and can be easily identified for post-production.

  > **i** To ensure that the values are set correctly, check them either in the receiver “Date and Time” menu or use the update tool to save the current date and time to the device again.

Attaching the transmitter to clothing

The transmitter can be attached by clip or magnet, depending on the nature of the clothing.

DANGER

Danger due to the influence of magnetic fields

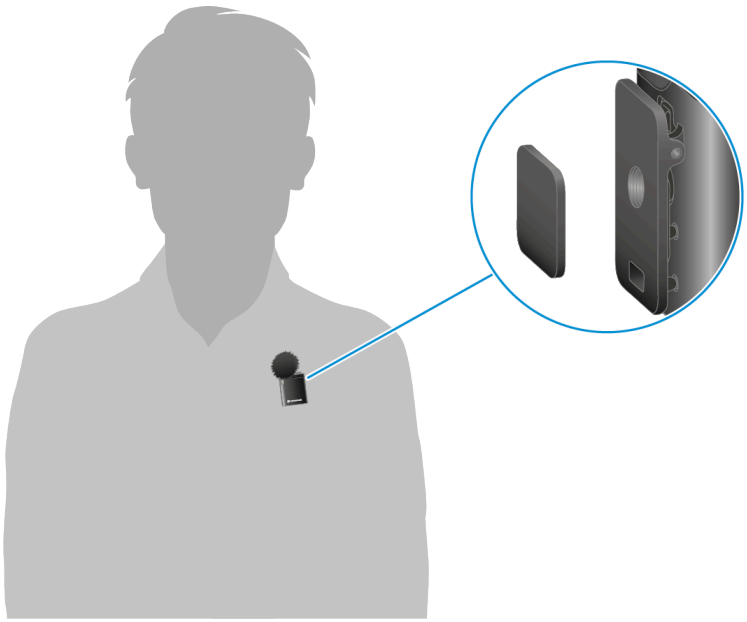
Magnets may affect the function of cardiac pacemakers and implanted defibrillators.

- Always maintain a distance of at least 10 cm/4" between the product and the cardiac pacemaker or implanted defibrillator (ICDs) or other implants, as the product generates permanent magnetic fields.
- Warn people who have such devices that they are approaching magnets.

To attach the transmitter to clothing with a magnet:

- Use one of the magnets provided on the bottom of the charging bar. Position the transmitter on the garment as desired and guide the magnet under the garment opposite the transmitter as shown.

  ✓ The transmitter is now held to the garment by magnetic force.



To clip the transmitter to clothing:

- Use the clip on the back of the transmitter, for example, to attach it to the collar of a garment.

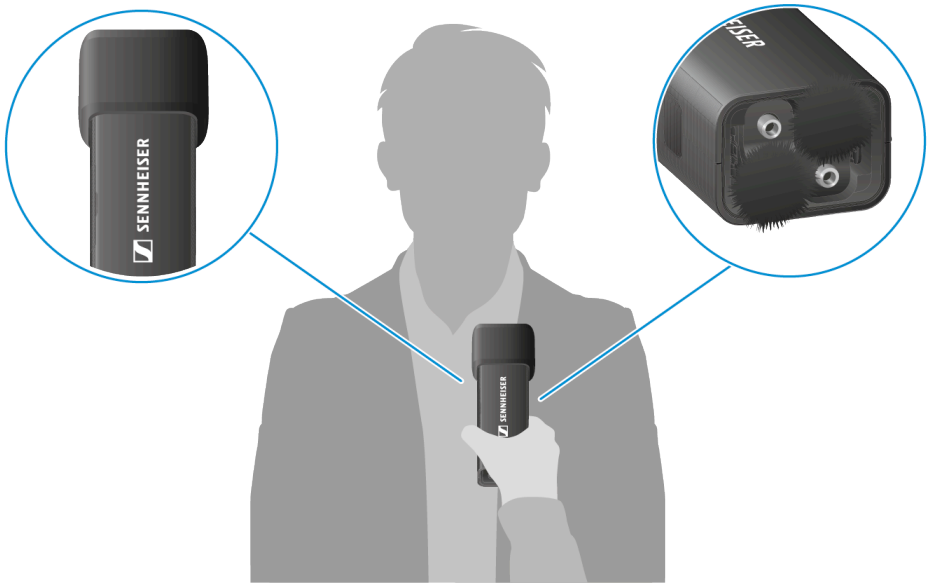
  The transmitter is now attached to the garment.

Using the Profile Wireless as a handheld or table microphone

Depending on the recording situation, the Profile Wireless can be used as a handheld microphone or as a table microphone on a tripod.

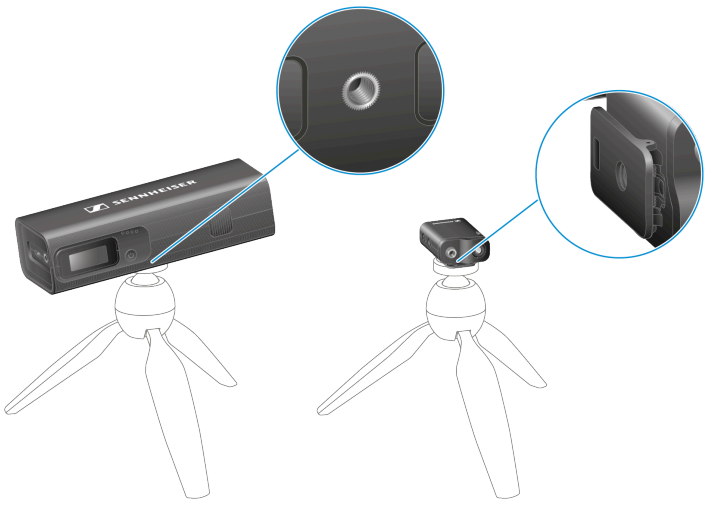
To use the Profile Wireless as a handheld microphone:

- To use the Profile Wireless as a handheld microphone, use either the large windshield, which completely covers the charging bar on one side, or the two small windshields, which are attached to the transmitters. When the transmitters are inserted, it is best to start recording by double-tapping on the receiver (see Start/stop/mute recording).
  - The Profile Wireless can now be used as a handheld microphone.



To use the Profile Wireless as a table microphone:

- Use the thread on the bottom of the charging bar, or alternatively the thread on the transmitter clip, to attach the microphone to a tripod.
  - The charging bar or transmitter can now be used as a table microphone.



Cleaning and maintenance

Note the following information when cleaning and maintaining the product.

ATTENTION

Liquids can damage the electronics of the product

Liquids entering the product housing can cause a short-circuit and damage the electronics.

- Keep all liquids away from the products.
- Do not use any solvents or cleansing agents.
- Disconnect the mains-operated products from the power supply system and remove rechargeable batteries and batteries (if present) before you begin cleaning.
- Clean all products only with a soft, dry cloth.

- Clean the products only with a soft, dry cloth.
- Disconnect the products from the power supply system and remove any batteries before you begin cleaning.
- From time to time, wipe the contacts on the transmitter and the charging contacts with a cotton swab.
- In addition, use a brush to remove dust from the charging slots and the sockets on the devices.

Transport

This chapter contains information on the proper transport of the Profile Wireless.

i Please note that you are responsible for securely deleting the data if the TC Bar is sold/passed on or disposed of in order to preclude misuse of the data. Further information can be found in the chapter Resetting or installing updates.

ATTENTION

Material damage from improper transport

Incorrect packing of the product for transport may result in damage.

- Only transport the product in its original packaging.

- Insert the receiver and transmitters into the charging bar for transport.
- Carry the Profile Wireless in the bag provided to protect it from bumps during transport.

5. FAQ

The most frequent questions and answers summarized in a chapter.

How do I connect the receiver to a smartphone?

The easiest way to connect the Profile Wireless receiver to a smartphone is to use the included USB-C to USB-C or USB-C to lightning adaptors. They provide a secure and simple connection without the need for additional cables. Of course, the USB-C cable also provides the best digital audio quality.

You can find more information in the chapter: Connecting a receiver to a smartphone

How do I connect the receiver to a camera?

Simply use the included 3.5 mm jack cable and connect your camera's microphone input to the RX's output connector.

You can find more information in the chapter: Connecting a receiver to a camera

How do I connect the receiver to a computer or Mac?

The easiest way to connect the receiver to your PC or Mac is to use the included USB-C to USB-C adaptor or the USB-C cable. Simply connect the RX to your device, and then you can use your wireless microphone system as an external microphone with any recording application or video call tool.

You can find more information in the chapter: Connecting a receiver or transmitter to a PC or Mac

How do I start a recording with the transmitter?

You can start and stop a recording on your transmitter by briefly pressing the **REC button** on the side of the device. If you are using the receiver, you can also start and stop recording by triggering this function from the touch screen (double tap) or using the corresponding menu items in the TX settings menu.

For more information, see the chapter Start/stop/mute recording

What is the transmitter's maximum recording length?

The transmitters each have 16 GB of internal memory. This allows you to record up to 30 hours of audio. When using the system with Safety Mode enabled, the maximum recording time is up to 15 hours per transmitter.

What is the maximum runtime of the Profile Wireless system?

The transmitter and receiver each have an operating time of up to 7 hours.

Can I use the transmitters while they are being charged in the charging bar?

Yes, both transmitters are fully functional while in the charging bar.

Can I use the outputs on the receiver while it is in the charging bar?

Yes, the receiver is fully functional while in the charging bar. The digital and analog outputs on the left side can also be accessed and used while the receiver is inserted.

How can I access the internal recordings on the transmitters?

Simply connect the transmitter to your PC, Mac or smartphone via USB-C or the adaptor. Then drag and drop your recorded audio files onto your smartphone or computer, just like you would files on a USB stick or external hard drive.

Can I access the recordings of both transmitters at the same time using the charging bar?

No, that is not possible. You must connect each transmitter individually.

How do I delete the recordings from my transmitters?

There are two ways to delete internal recordings:

- You can use the receiver to navigate to the “Memory” option in the transmitter submenu.
- Simply connect the transmitter to your PC/Mac or smartphone and delete one or more audio files from the memory as you would with any other USB memory.

My receiver and transmitter cannot be connected – how can I reconnect the devices?

There is a simple pairing mode in the receiver’s menu that guides you through the process. The transmitters can be set to pairing mode by simultaneously pressing the **ON/OFF** and **REC** buttons.

What is safety mode and how do I enable it?

Safety mode allows recording at two different gain settings, with the right channel being recorded more quietly and both being output by the receiver and saved on the transmitter to prevent overmodulation and to exploit the full capsule dynamics.

For more information, see the chapter Start/stop/mute recording

Are the batteries removable?

Profile Wireless has in-built batteries. These are not removable/replaceable by the user.

Can the Profile Wireless be connected directly to a smartphone via Bluetooth®?

Yes, you can pair a Profile Wireless transmitter directly with a smartphone or PC/Mac via Bluetooth®. Please make sure to update the firmware of all devices in your Profile Wireless system to firmware version 5.0.0 so that this feature is available.

Does the Wireless Profile use timecode?

No, the Profile Wireless does not support timecode capability.

Does the Profile Wireless support 32-bit float recording?

Yes, from firmware version v4.1.0, the Profile Wireless supports both 24-bit and 32-bit float recording. For information on updates , see Installing updates or performing a reset.

Does the Profile Wireless have a low cut filter?

Yes, the low cut filter can be enabled/disabled via the transmitter menus. (see Setting the transmitter low cut)

Can the LEDs on the transmitters be switched off?

Yes, the LEDs can be switched on/off via the transmitter menus. (see Switching off the transmitter LEDs)

What external microphones can I use on my Profile Wireless?

We recommend using our ME-2 and ME-4 lavalier microphones with a 3.5 mm TRS jack plug. Our MKE 200, MKE 400 and MKE 600 shotgun microphones can also be easily combined with the Profile Wireless.

Please note: For the MKE 600, the supplied KA 600 XLR to 3.5 mm jack plug adaptor must be used.

In addition, lavalier microphones from third-party manufacturers can be used as long as they have a 3.5 mm TRS jack plug and are operated with a supply voltage of 3.3 volts.

Is the Profile Wireless compatible with 12 V lavalier microphones such as the Sennheiser MKE 1 or the DPA 4060?

The Profile Wireless provides only 3.3 volts of power for external microphones. Due to the low voltage, microphones such as the Sennheiser MKE 1 or DPA 4060 will not work properly or deliver good audio because the audio signal will be very quiet. We therefore recommend using the Profile Wireless with our ME-2 lavalier microphone.

6. Specifications

All specifications at a glance.

System

RF link

- 2400 – 2480 MHz

Audio frequency response

- 60 – 20,000 Hz
- 110 – 20,000 Hz (with low-cut filter enabled)

Audio THD

- < 1.5 %

Signal-to-noise ratio (SNR)

- Typically 78.5 dB (A)

Transmission range (sight line)

- ≤ 245 m

Transmission range (with body shielding)

- ≤ 150 m

System latency

- < 8 ms

Operating temperature range

- -10 to +45 °C (32 °F to 122 °F)

Charging temperature range

- 0 to +45 °C (32 °F to 122 °F)

Operating humidity range (relative)

- 25 – 95 % (non-condensing)

Receiver Rx

Transmission power

- < 20 dBm EIRP

Camera output

- min. 1 kΩ impedance

Digital output

- USB-C audio class 2.0 / 48 kHz / 24 bit

Headphone output

- 25 mW (min. 32 Ω impedance)

Running time

- < 7 h

Charging time (0–100%)

- < 2.5 h

Battery capacity

- 350 mAh / 1295 mWh

Dimensions

- 45 x 42 x 19 mm

Weight

- 30 g

Transmitter TX

Microphone type

- Condenser microphone

Pick-up pattern

- Omni-directional

Max. sound pressure level

- 113 dB SPL

Transmission power

- < 20 dBm EIRP

Running time

- ≤ 7 h (active recording with transmission) / ≤ 14 h (active recording without transmission)

Charging time (0–100%)

- < 2 h

Battery capacity

- 280 mAh / 1036 mWh

Dimensions

- 42 x 33 x 21 mm (including clip)

Weight

- 27 g

Charging bar CB

Power supply

- USB-C: Charging current max. 1.5 A

Charging time (0–100%)

- < 3 h

Battery capacity

- 2000 mAh / 7400 mWh

Rated capacity

- 1250 mAh

Dimensions

- 152 x 41 x 55 mm

Weight

- 198 g / 290 g (including all devices)

7. Regulatory Information

Information on manufacturer declarations, environmental and disposal notices, and terms of use.

Model: Profile Wireless

Conditions and restrictions for using frequencies

There may be special conditions and restrictions for using frequencies in your country.

Before putting the product into operation, find the information for your country at the following address: sennheiser.com/sifa.

Warranty

Sennheiser electronic SE & Co. KG gives a warranty of 24 months on these products.

For the current warranty conditions, please visit our website at sennheiser.com or contact your Sennheiser partner.

In the US please contact:

Sennheiser Electronic Corporation

1 Enterprise Drive, Old Lyme, CT 06371

www.sennheiser.com

Warranty for Australia and New Zealand only

Sennheiser Australia Pty Ltd provides a warranty of 24 months on these products. For the current warranty conditions, visit Sennheiser website: Australia: sennheiser.com, New Zealand: sennheiser.com

Sennheiser goods come with guarantees that cannot be excluded under Australian and New Zealand Consumer law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is in addition to other rights or remedies under law. Nothing in this warranty excludes, limits or modifies any remedy available to be consumer which is granted by law.

To make a claim under this contract, raise a case via Sennheiser website. Australia: sennheiser.com/support, New Zealand: sennheiser.com/support

All expenses of claiming the warranty will be borne by the person making the claim.

Sennheiser international warranty is provided by: Sennheiser Australia Pty Ltd (ABN 68 165 388 312) Level 14, Tower A Zenith Building, 821 Pacific Highway, Chatswood NSW 2067, Australia

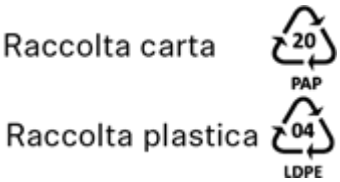
Europe

CE

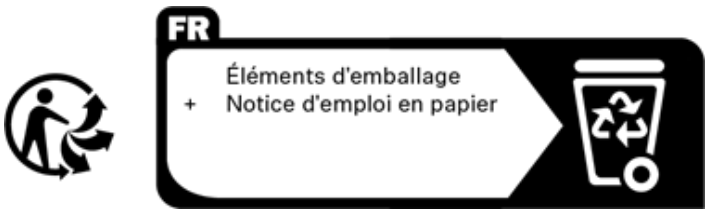
In compliance with the following requirements

- Regulation (EU) 2023/988 on general product safety
- WEEE Directive (2012/19/EU)
- Regulation (EU) 2023/1542 concerning batteries and waste batteries

Italy:



France:



Notes on disposal

The symbol of the crossed-out dumpster on the product, the (rechargeable) battery (if applicable) and/or the packaging indicates that these products must not be disposed of with normal household waste, but must be disposed of separately at the end of their service life. For the packaging, follow the regulations in your country for separating waste. Improper disposal of packaging materials can be harmful to your health and the environment.

The separate collection of waste electrical and electronic equipment, (rechargeable) batteries (if applicable) and packaging is intended to promote reuse and recycling and to prevent negative impacts on public health and the environment, for example due to hazardous substances contained in these products. At the end of their service life, recycle electrical and electronic equipment and (rechargeable) batteries so that their materials can be reused and to prevent environmental pollution.

If (rechargeable) batteries can be removed without destroying them, you are obliged to dispose of them separately (see the product's operating instructions for information on how to remove the batteries safely). Be especially careful when handling (rechargeable) batteries containing lithium, as these pose special hazards, such as the risk of fire and/or health risks if button cells are swallowed. Reduce battery waste as much as possible by using longer-life batteries or rechargeable batteries.

Further information on the recycling of these products can be obtained from your municipal administration, from the municipal collection points, or from your Sennheiser partner. You may also be able to return electrical or electronic equipment to your distributor, if they are legally required to do so. By disposing of your batteries properly, you are helping to protect public health and the environment.

EU Declaration of conformity

- RoHS Directive (2011/65/EU)
- PWCB: EMC Directive (2014/30/EU)

Hereby, Sennheiser electronic SE & Co. KG declares that the radio equipment type PWTX & PWRX is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: sennheiser.com/download.

Radiofrequency radiation exposure Information

This equipment complies with Directive 2014/53/EU radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The portable device is designed to meet the requirements for exposure to radio waves established by European Union market.

Head/Body SAR limit: 2 W/kg; Limbs SAR limit: 4 W/kg

The highest SAR value: 0.36 W/kg (for PWTX)

The highest SAR value: 0.103 W/kg (for PWRX)

United Kingdom

UK CA

In compliance with the following requirements

- WEEE Regulations (2013)
- Battery Regulations (2015)

UK Declaration of conformity

- RoHS Regulations (2012)
- PWCB: EMC Regulations (2016)
- Radio Equipment Regulations (2017)

Australia / New Zealand

USA

Statements regarding FCC and ISED

This device complies with Part 15 of the FCC Rules and with Innovation, Science and Economic Development Canada (ISED) license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This Class B digital device complies with the Canadian ICES-003.

Changes or modifications not expressly approved by Sennheiser electronic Corp. could void the user's authority to operate the equipment.

Contact information: Sennheiser Electronic Corporation, 1 Enterprise Drive, Old Lyme, CT 06371; sennheiser.com

RF Exposure Compliance for FCC/ISED

This equipment complies with FCC/ISED radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. The portable device is designed to meet the requirements for exposure to radio waves established by the ISED. These requirements set a SAR limit of 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body/head/limbs.

Radiofrequency radiation exposure Information

PWTX / PWRX: The radiated output power of the device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such a manner that the potential for human contact during normal operation is minimized.

PWCB	47 CFR 15 subpart B
PWTX	FCC ID: DMOPWTX
PWRX	FCC ID: DMOPWRX

Canada

PWCB	CAN ICES-3(B)/NMB-3(B)
PWTX	IC: 2099A-PWTX
PWRX	IC: 2099A-PWRX

Mexico

PWTX:

IFT: SESEPR25-01037

Ifetel notice:

La operación de este equipo está sujeta a las siguientes dos condiciones:

(1) es posible que este equipo o dispositivo no cause interferencia perjudicial y

(2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada

South Korea

PWTX:

PWCB R-R-SE9-PWCB

PWTX R-R-SE9-PWTX

China

China RoHS 

部件名称 (Parts)	有害物质										
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)	邻苯二甲酸二(2-乙基己)酯 (DEHP)	邻苯二甲酸丁苄酯 (BBP)	邻苯二甲酸二丁酯 (DBP)	邻苯二甲酸二异丁酯 (DIBP)	产品环保年限 EFUP
金属部件 (Metal parts)	x	o	o	o	o	o	o	o	o	o	15
电路模块 (Circuit Modules)	x	o	o	o	o	o	o	o	o	o	15
电缆及电缆组件 (Cables & Cable Assemblies)	x	o	o	o	o	o	o	o	o	o	15

本表格依据 SJ/T 11364 的规定编制。
o: 表示该有害物质在该部件所有均质材料中的含量均在GB/T 26572 规定的限量要求以下。
x: 表示该有害物质至少在该部件的某一均质材料中的含量超出GB/T 26572 规定的限量要求。

PWCB:

China RoHS 


R3A351

PWTX:

China RoHS

CMITT ID: 24J9902UE226

CCAM25LP0170T5

Brazil

PWTX: Agência Nacional de Telecomunicações 11100-24-07356

Resolução 680 – ATO 14448

Vietnam

PWCB, PWTX:

Kể từ ngày 1 tháng 12 năm 2012, các sản phẩm được sản xuất bởi Sennheiser tuân thủ Thông tư 30/2011/TT-BCT quy định về giới hạn cho phép đối với một số chất độc hại trong các sản phẩm điện và điện tử.

Japan

PWTX: R 201-240671

India

PWTX:

WPC ID: ETA-SD-20241110801

Singapore

PWTX:

Indonesia

PWTX: Certification number: 105391/SDPPI/2024

Thailand

PWTX: NBTC registration number C12014-24

เครื องโทรคมนาคมและอุปกรณ์นีมีความสอดคล้อง ตามมาตรฐานหรือข้อกำหนดทางเทคนิคของ กสทช

Sennheiser electronic SE & Co. KG | Am Labor 1 | 30900 Wedemark | Germany