

XS Wireless Digital

PDF Export of the Original HTML Manual

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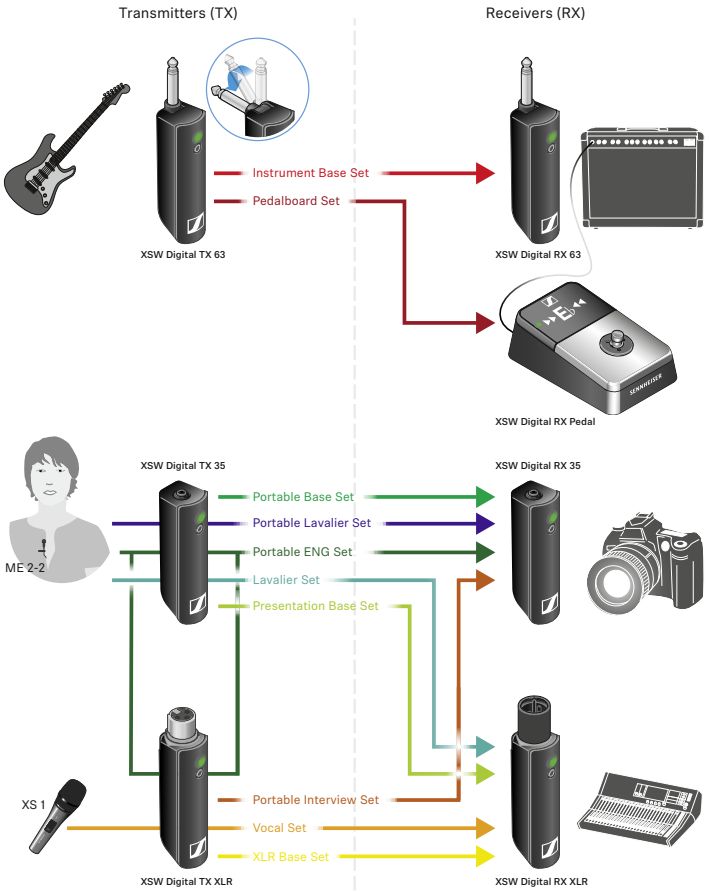
1. Preface

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. Product Information

All information about the sets at a glance.



Vocal Set

Delivery includes



1 Microphone clamp for fastening the vocal microphone to a stand

2 XSW Digital TX XLR: transmitter (female XLR socket) for connecting to the vocal microphone



3 XSW Digital RX XLR: receiver (male XLR plug) for connecting to a mixing console



4 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

5 XS 1: Vocal microphone

6 Stickers for labeling transmission paths

i You can find information about starting up and operating the set under Vocal Set.

Lavalier Set

Delivery includes



1 Belt clip for the transmitter

2 XSW Digital TX 35: transmitter (3.5 mm jack socket) for connecting to the clip-on microphone



3 XSW Digital RX XLR: receiver (male XLR plug) for connecting to a mixing console



4 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

5 ME 2-2: Clip-on microphone

6 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Lavalier Set.

Presentation Base Set

Delivery includes



1 Belt clip for the transmitter

2 XSW Digital TX 35: transmitter (3.5 mm jack socket) for connecting to the clip-on microphone



3 XSW Digital RX XLR: receiver (male XLR plug) for connecting to a mixing console



4 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

5 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Presentation Base Set.

XLR Base Set

Delivery includes



1 XSW Digital TX XLR: transmitter (female XLR socket) for connecting to the vocal microphone



2 XSW Digital RX XLR: receiver (male XLR plug) for connecting to a mixing console



3 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

4 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under XLR Base Set.

Instrument Base Set

Delivery includes



1 Belt clip for the transmitter

2 XSW Digital TX 63: transmitter (6.3 mm jack plug) for connecting to an instrument with a jack socket (6.3 mm) or to the extension cable



3 XSW Digital RX 63: receiver (6.3 mm jack plug) for connecting to an amplifier



4 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

5 Extension cable (jack socket to jack plug, 6.3 mm)

6 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Instrument Base Set.

Pedalboard Set

Delivery includes



1 Belt clip for the transmitter

2 XSW Digital TX 63: transmitter (6.3 mm jack plug) for connecting to an instrument with a jack socket (6.3 mm) or to the extension cable



3 XSW Digital RX Pedal: receiver with built-in tuning device for connecting to a guitar amplifier or mixing console (power supply with country adapters is included)

4 Charging cable (USB-C to USB-C) for charging the transmitter via the receiver's USB-C port

5 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

6 Extension cable (jack socket to jack plug, 6.3 mm)

7 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Pedalboard Set.

Portable Interview Set

Delivery includes



1 Hot shoe adapter for the receiver

2 XSW Digital TX XLR: transmitter (female XLR socket) for connecting to the vocal microphone



3 XSW Digital RX 35: receiver (3.5 mm jack socket) for connecting to the camera cable



4 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

5 Camera cable (jack plug to jack plug, 3.5 mm) for connecting to the camera

6 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Portable Interview Set.

Portable Lavalier Set

Delivery includes



1 Belt clip for the transmitter

2 Hot shoe adapter for the receiver

3 XSW Digital TX 35: transmitter (3.5 mm jack socket) for connecting to the clip-on microphone



4 XSW Digital RX 35: receiver (3.5 mm jack socket) for connecting to the camera cable



5 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

6 ME 2-2: Clip-on microphone

7 Camera cable (jack plug to jack plug, 3.5 mm) for connecting to the camera

8 Stickers for labeling transmission paths

i You can find information about starting up and operating the set under Portable Lavalier Set.

Portable ENG Set

Delivery includes



1 Belt clip for the transmitter

2 Hot shoe adapter for the receiver

3 XSW Digital TX XLR: transmitter (female XLR socket) for connecting to the vocal microphone



4 XSW Digital TX 35: transmitter (3.5 mm jack socket) for connecting to the clip-on microphone



5 XSW Digital RX 35: receiver (3.5 mm jack socket) for connecting to the camera cable



6 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

7 ME 2-2: Clip-on microphone

8 Camera cable (jack plug to jack plug, 3.5 mm) for connecting to the camera

9 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Portable ENG Set.

Portable Base Set

Delivery includes



1 Belt clip for the transmitter

2 Hot shoe adapter for the receiver

3 XSW Digital TX 35: transmitter (3.5 mm jack socket) for connecting to the clip-on microphone



4 XSW Digital RX 35: receiver (3.5 mm jack socket) for connecting to the camera cable



5 Charging cable (USB-A to USB-C) for charging the transmitter and receiver

6 Camera cable (jack plug to jack plug, 3.5 mm) for connecting to the camera

7 Stickers for labeling transmission paths

> **i** You can find information about starting up and operating the set under Portable Base Set.

3. User Manual

Starting up and operating devices of the XS Wireless Digital series.

Vocal Set

Connecting the transmitter to the vocal microphone

- Plug the transmitter into the XLR socket on the vocal microphone.



Connecting the receiver to a mixing console

- Plug the receiver into the XLR input of a channel on your mixing console.

Holding the vocal microphone

- Grip the vocal microphone only by the handle.

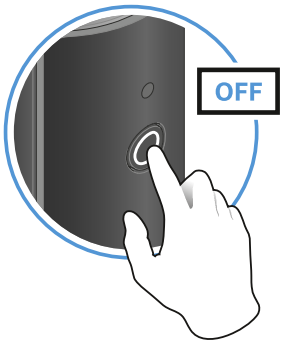


- You can also use the microphone clamp to fasten the vocal microphone to a stand.
- Hold the microphone 5 to 10 cm in front of your mouth when singing.
- Do not grab the transmitter. The range may decrease if the transmitter is covered.
- Do not touch the microphone basket. The sound may be distorted if the microphone basket is covered.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

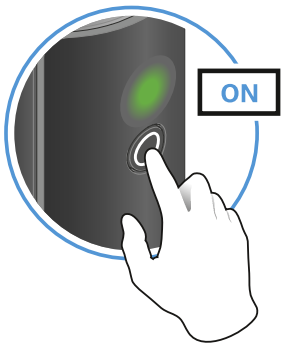
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.

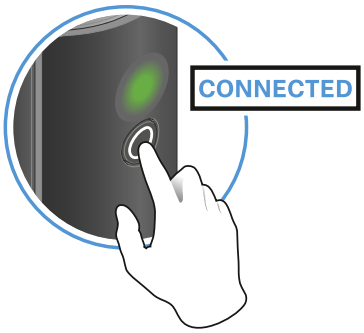


Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

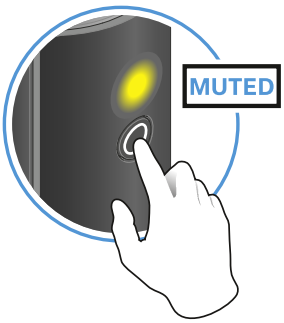
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

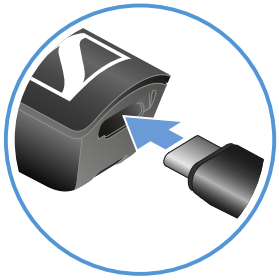


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

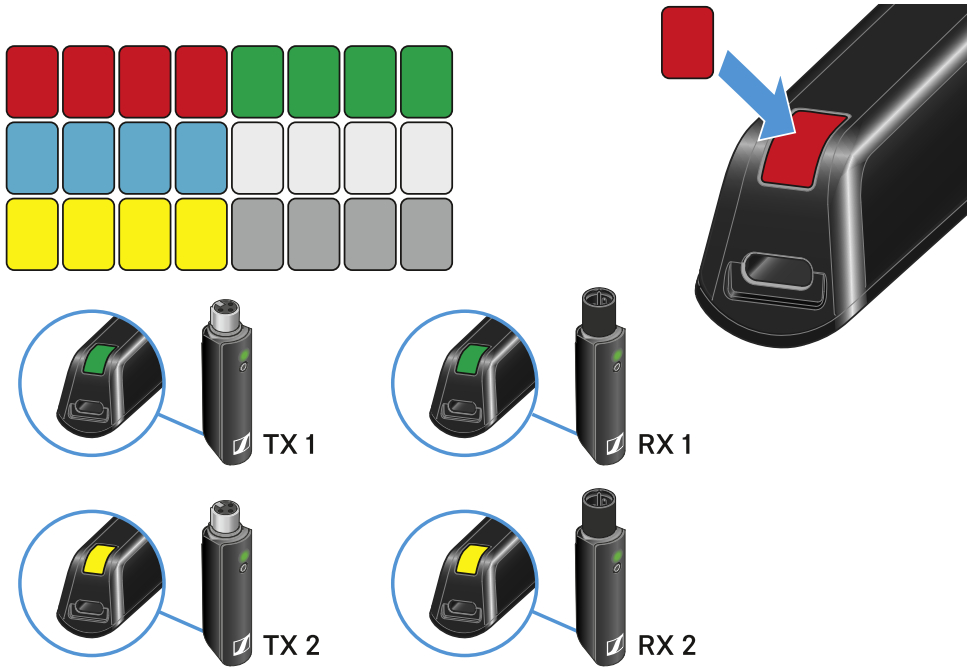


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

< 5%	
5 % ... 75 %	
> 75%	
100 %	

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

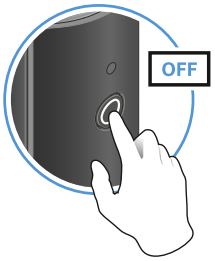


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

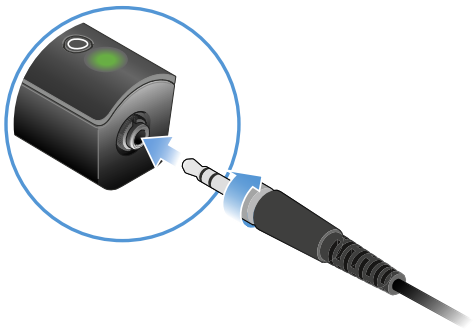
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Lavalier Set

Connecting the clip-on microphone to the transmitter

- Plug the clip-on microphone's screw-on jack plug into the jack socket on the transmitter.



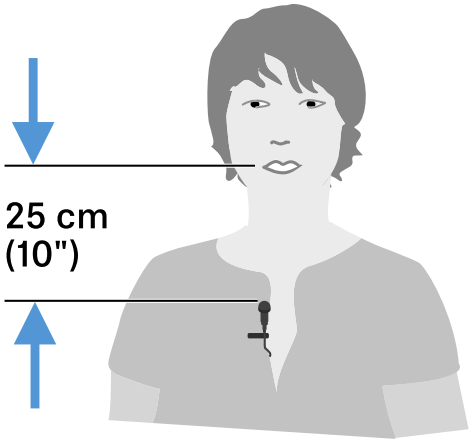
- Lock the jack plug by screwing down the coupling ring.

  If the jack plug is not firmly locked, crackling noise can appear in the audio signal.

- Insert the transmitter into the belt clip.
- Fasten the belt clip to your clothes, for example on your belt or waistband.

Attaching the clip-on microphone

- Fasten the clip-on microphone to your clothes, for example on your collar or lapel.
- The distance to your mouth should be about 25 cm.



✓ The distance affects the sensitivity of the clip-on microphone.

> **i** Reduce the distance if you are speaking at a low volume, and increase it when speaking loudly.

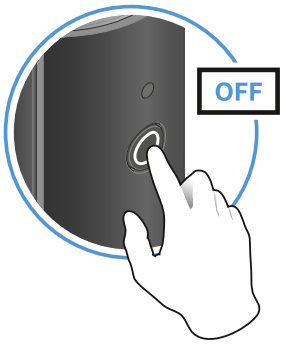
Connecting the receiver to a mixing console

- Plug the receiver into the XLR input of a channel on your mixing console.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

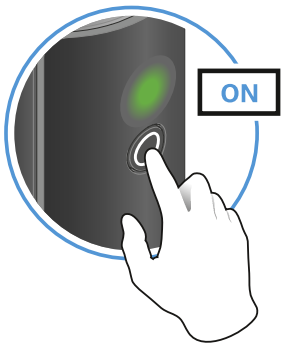
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.

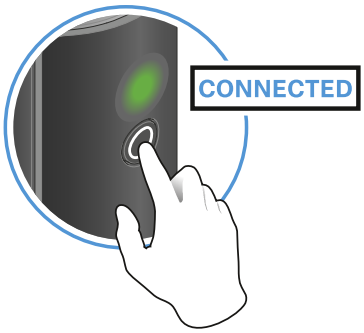


Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

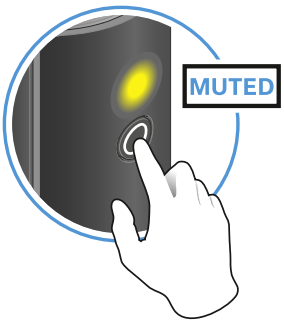
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

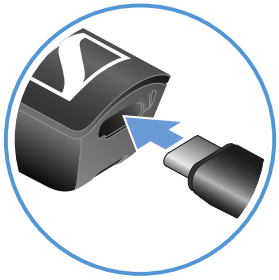


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

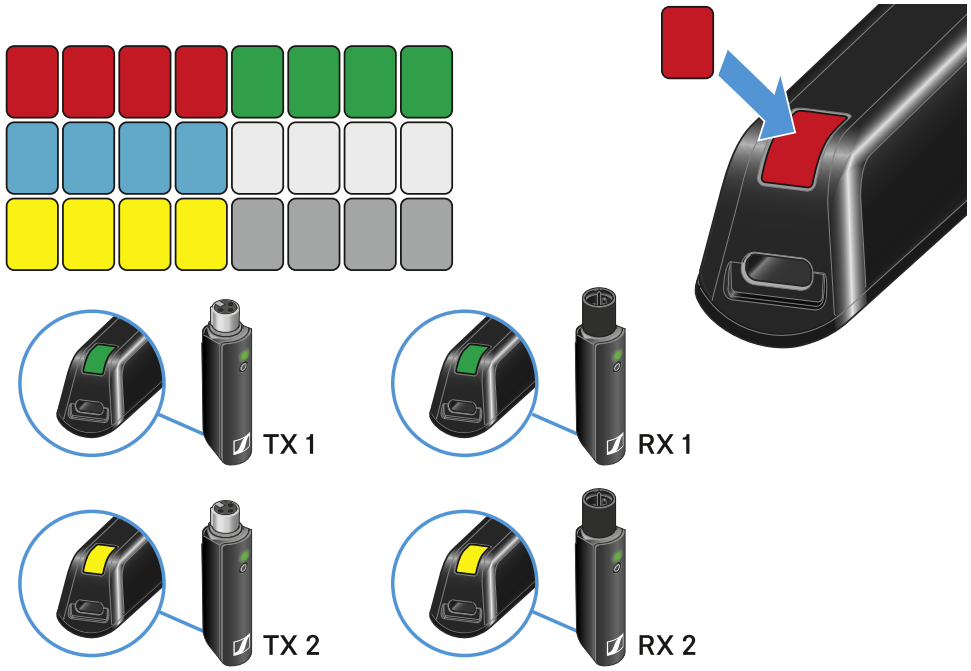


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

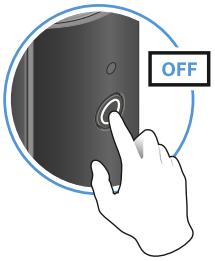


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

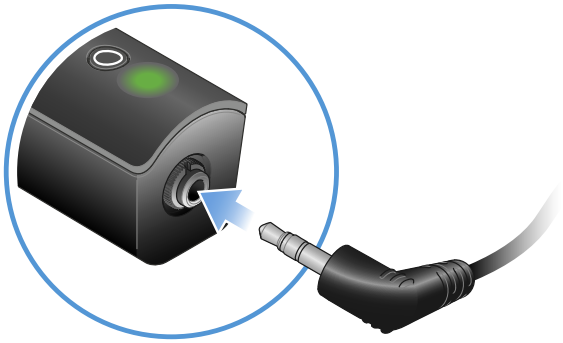
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Presentation Base Set

Connecting the microphone to the transmitter

- Plug your microphone's jack plug into the jack socket on the transmitter.



- Insert the transmitter into the belt clip.
- Fasten the belt clip to your clothes, for example on your belt or waistband.

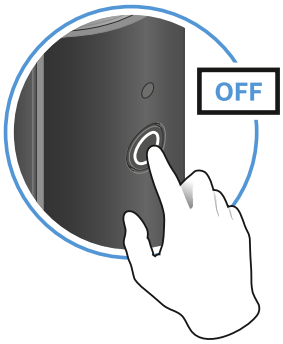
Connecting the receiver to a mixing console

- Plug the receiver into the XLR input of a channel on your mixing console.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - ✓ The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

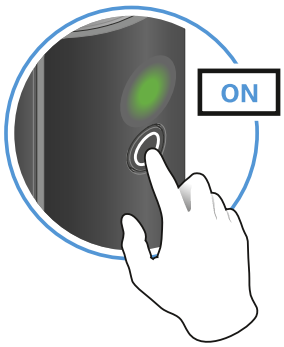
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.

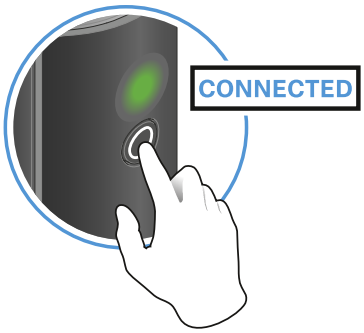


Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

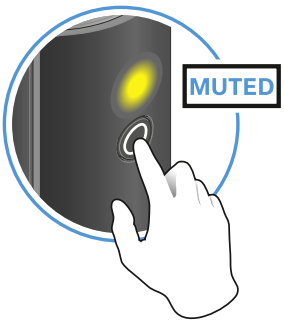
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

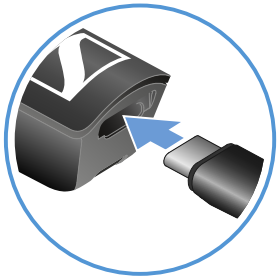


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

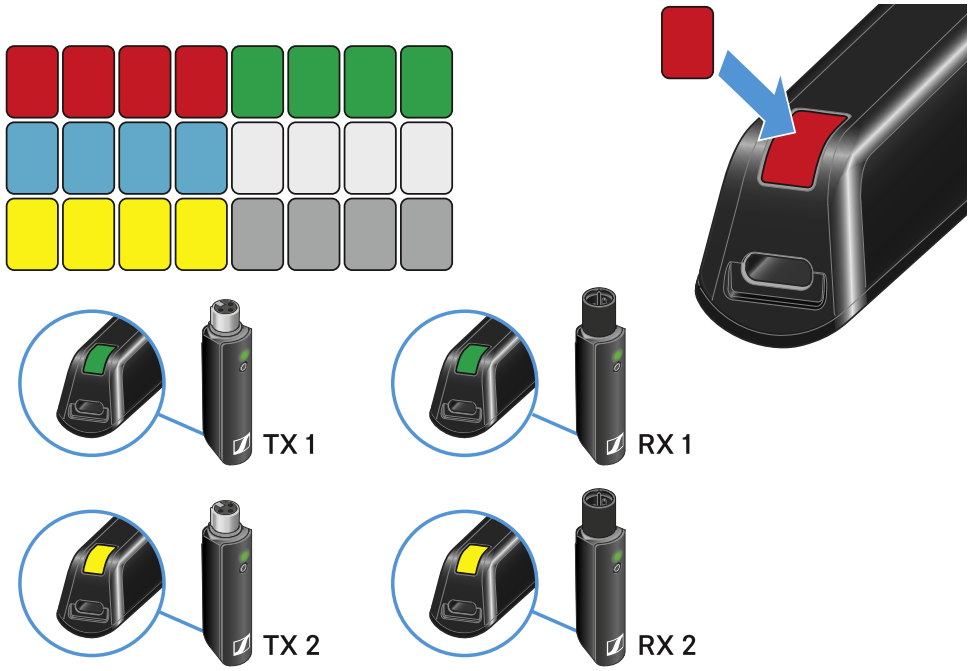


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

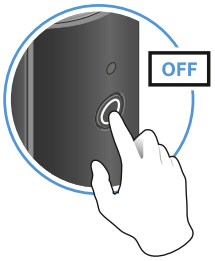


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

XLR Base Set

Connecting the transmitter to the vocal microphone

- Plug the transmitter into the XLR socket on the vocal microphone.



Connecting the receiver to a mixing console

- Plug the receiver into the XLR input of a channel on your mixing console.

Holding the microphone

- Grip the microphone only by the handle.

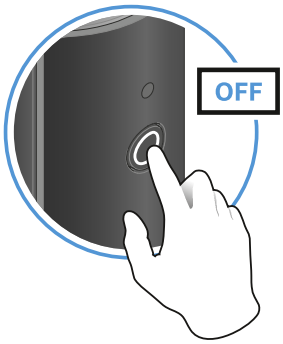


- Hold the microphone 5 to 10 cm in front of your mouth.
- Do not grab the transmitter. The range may decrease if the transmitter is covered.
- Do not touch the microphone basket. The sound may be distorted if the microphone basket is covered.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

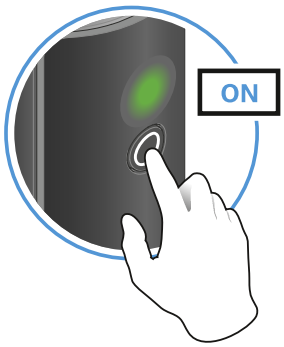
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.

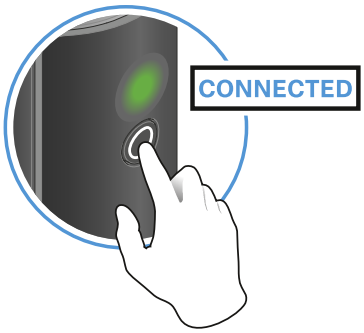


Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

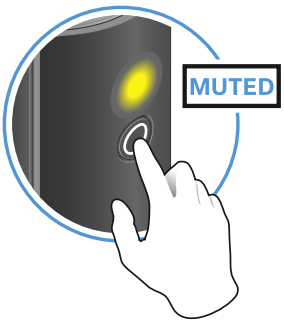
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

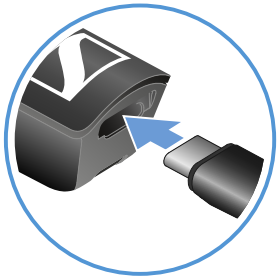


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

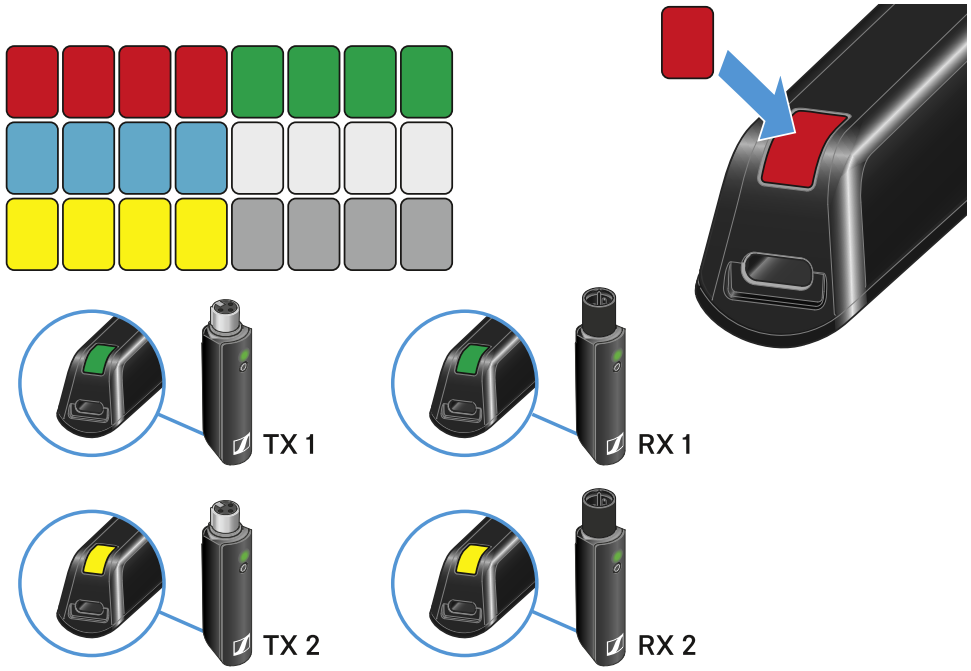


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

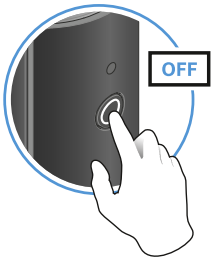


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

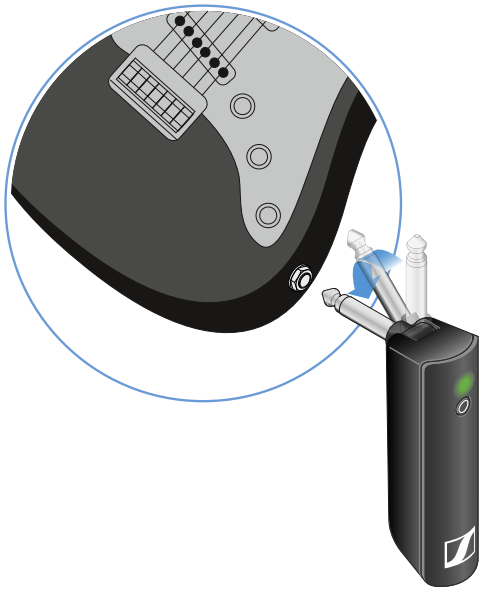
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Instrument Base Set

Connecting the transmitter to an instrument

You can connect the transmitter either directly to your instrument or using the extension cable and the belt clip.



Direct connection

- Plug the transmitter into the jack socket on your instrument.
- Align the transmitter so that you can easily see the status LED.

Connection with extension cable

- Plug the extension cable into the jack socket on your instrument.
- Plug the transmitter into the jack socket on the extension cable.
- Insert the transmitter into the belt clip.
- Fasten the belt clip to the guitar strap or your clothes, for example on your belt or waistband.

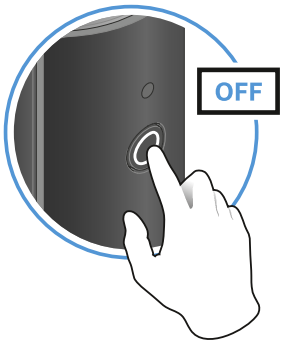
Connecting the receiver to an amplifier

- Plug the receiver’s jack plug into the input socket on your amplifier.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

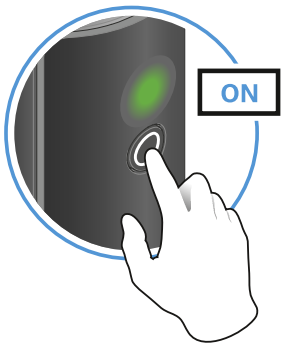
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.

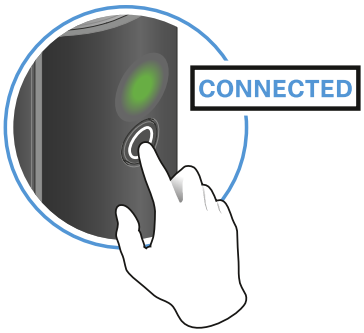


Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

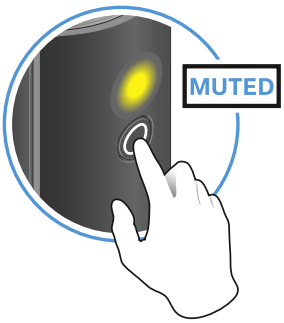
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

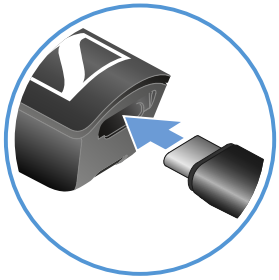


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

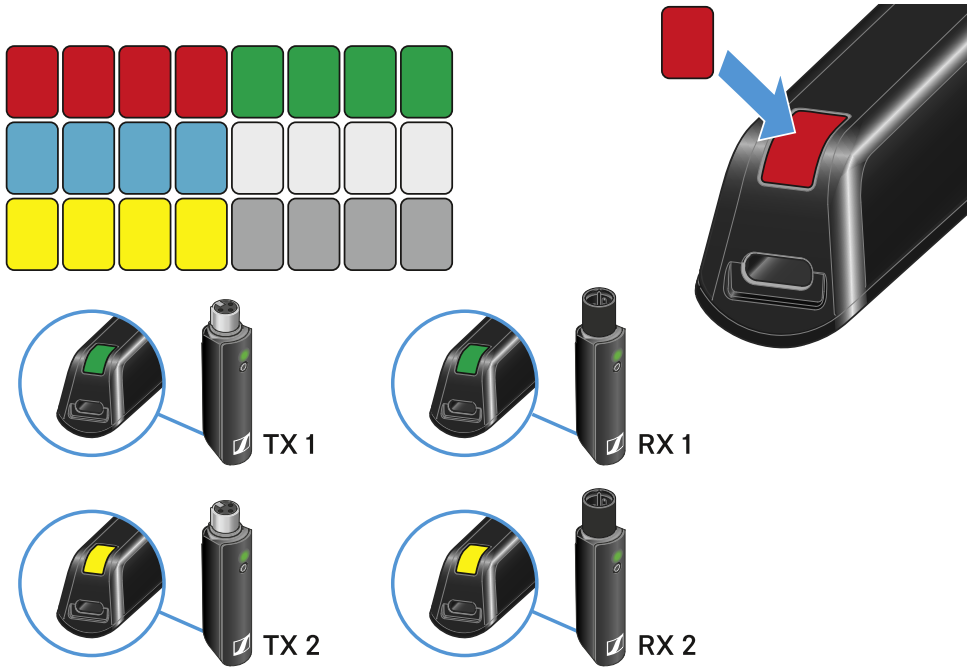


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

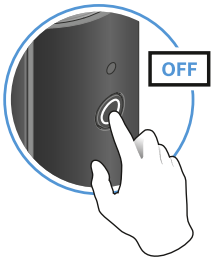


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

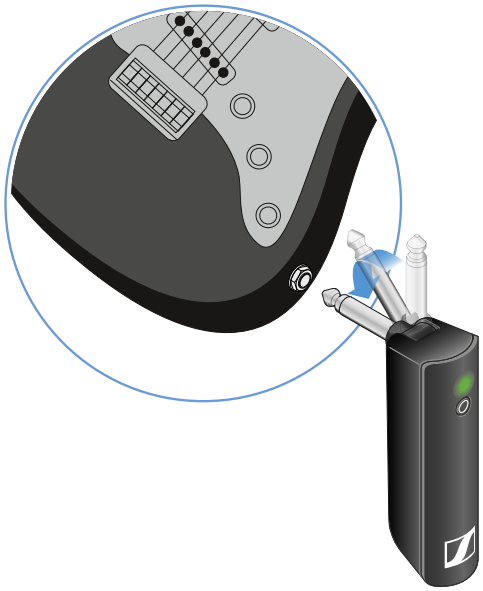
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Pedalboard Set

Connecting the transmitter to an instrument

You can connect the transmitter either directly to your instrument or using the extension cable and the belt clip.



Direct connection

- Plug the transmitter into the jack socket on your instrument.
- Align the transmitter so that you can easily see the status LED.

Connection with extension cable

- Plug the extension cable into the jack socket on your instrument.
- Plug the transmitter into the jack socket on the extension cable.
- Insert the transmitter into the belt clip.
- Fasten the belt clip to the guitar strap or your clothes, for example on your belt or waistband.

Attaching the receiver to the Pedalboard

If necessary, you can attach the receiver to your Pedalboard.

- Use the provided fastening options on the Pedalboard, for example the adhesive hook-and-loop fastener strips.
- Alternatively, you can attach the receiver with screws using the threaded holes on the bottom of the receiver (M5 × 10). A drill template is included.

> **i** If using multiple effects devices on your Pedalboard, the receiver must always be the first device in the series, since it is a wireless receiver and therefore does not have an input socket for connecting it with a cable.

Connecting the receiver to an amplifier

You can connect the receiver to an amplifier using a cable with jack plugs (6.3 mm) or connect it to the next device on the Pedalboard.

- Connect the receiver's output to the input socket on your amplifier or on the next device on the Pedalboard.

> **i** If using multiple effects devices on your Pedalboard, the receiver must always be the first device in the series, since it is a wireless receiver and therefore does not have an input socket for connecting it with a cable.

Connecting the receiver to a mixing console

You can connect the receiver to a mixing console using an XLR cable.

- Connect the receiver's XLR output to the XLR input of a channel on your mixing console.

Switching on the transmitter and receiver

Switching on the receiver:

- Connect the receiver to the power supply system.

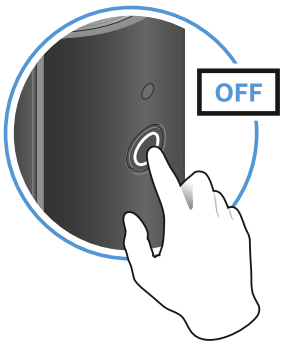


You can use the included power supply unit or power the receiver via the USB port. It cannot be operated using batteries.

✓ The status LED starts flashing green. The flashing indicates that a wireless connection is being established.

Switching on the transmitter:

- Briefly press the button on the transmitter.



✓ The status LED indicates the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

● > 70 %

5 % ... 75 %

< 5%

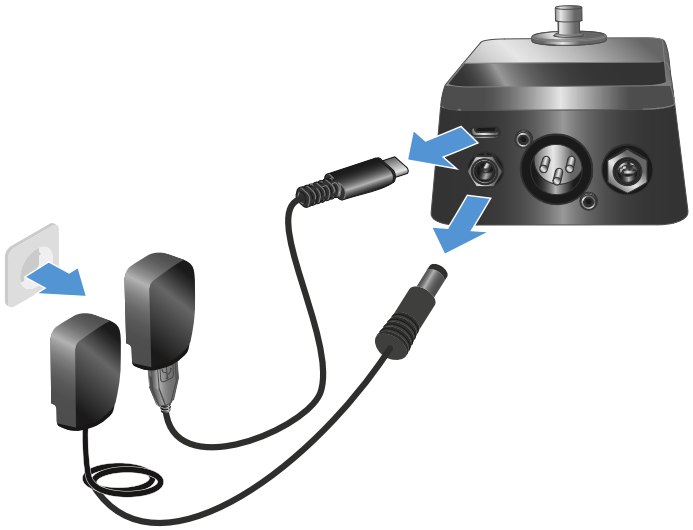
If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

The status LEDs remain green once the transmitter and receiver are connected.
If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

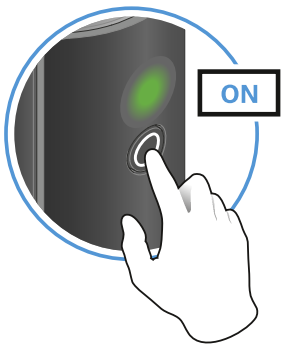
Switching off the receiver:

- Disconnect the receiver from the power supply system.



Switching off the transmitter:

- Press the button on the transmitter until the status LED switches off.



Muting the audio signal and activating the tuning device

When using a set, you can mute the audio signal. The tuning device is activated while the audio signal is muted.

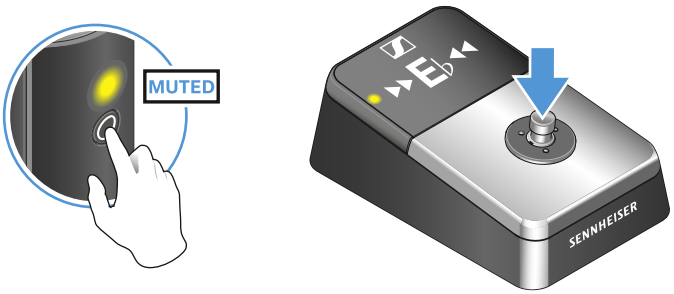
To mute the audio signal:

- Briefly press the button on the transmitter or the pedal switch on the receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or the pedal switch on the receiver.



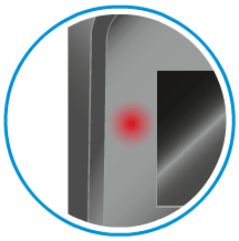
Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



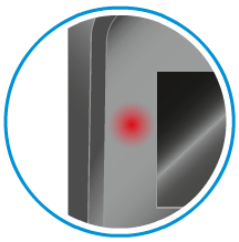
The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

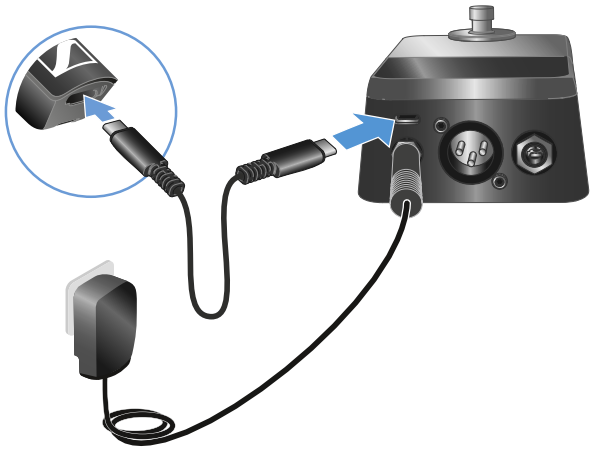


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.



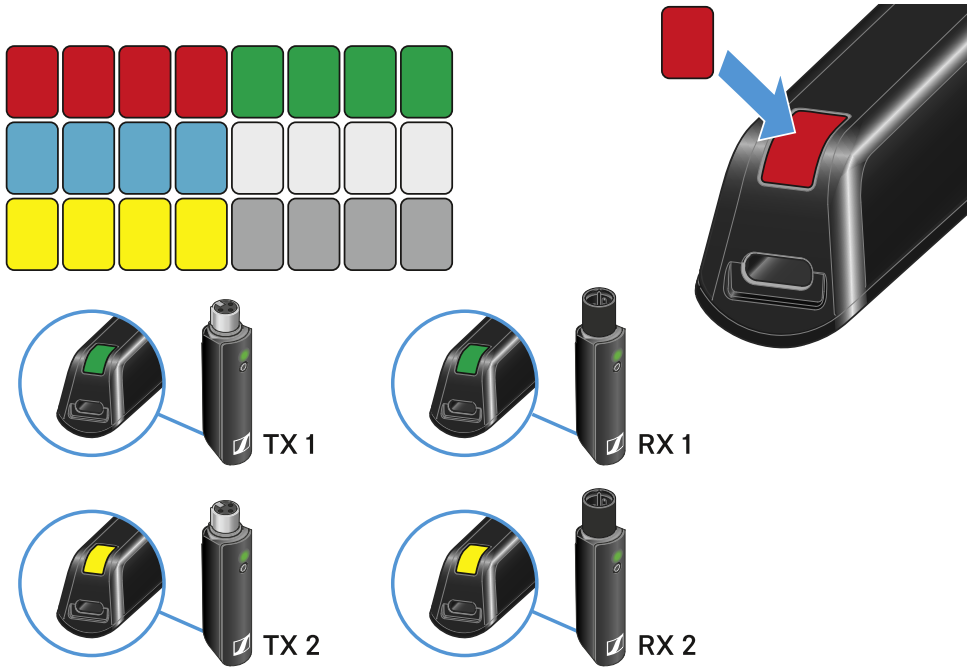
- Use the charging cable to connect the USB port on the transmitter to the USB port on the receiver.

  The status LED indicates the charge level.

  - < 5%
  - 5 % ... 75 %
  - > 75%
  - 100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.



Pairing

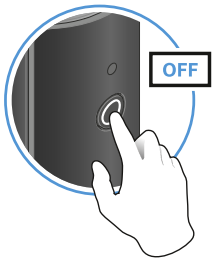
The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.
- Press and hold the pedal switch on the receiver.



- Connect the receiver to the power supply system while continuing to hold the pedal switch until a “P” appears on the display.
  - The LED will also begin to flash red and green in alternation.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Portable Interview Set

Connecting the transmitter to the vocal microphone

- Plug the transmitter into the XLR socket on the vocal microphone.



Connecting the receiver to the camera

- Plug the camera cable's screw-on jack plug into the jack socket on the receiver.
- Lock the jack plug by screwing down the coupling ring.



  - If the jack plug is not firmly locked, crackling noise can appear in the audio signal.
- Insert the receiver into the hot shoe adapter.
- Slide the hot shoe adapter onto your camera.
- Plug the camera cable's simple jack plug into the jack socket on your camera.

Holding the vocal microphone

- Grip the vocal microphone only by the handle.

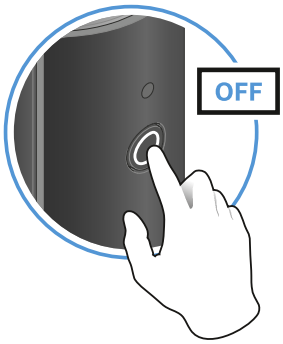


- You can also use the microphone clamp to fasten the vocal microphone to a stand.
- Hold the microphone 5 to 10 cm in front of your mouth when singing.
- Do not grab the transmitter. The range may decrease if the transmitter is covered.
- Do not touch the microphone basket. The sound may be distorted if the microphone basket is covered.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - ✓ The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

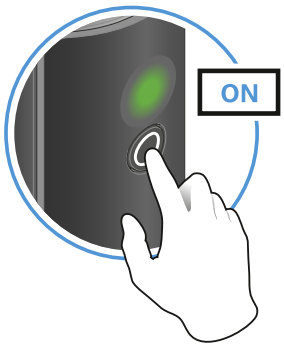
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

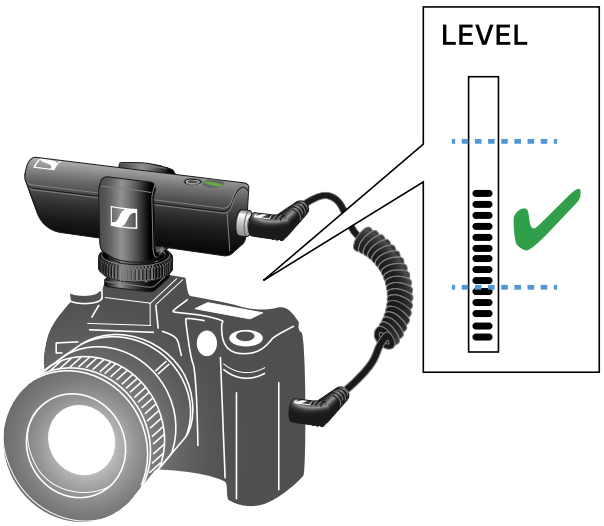
Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.



Adjusting the input level on the camera

Once you have connected the receiver to the camera and switched it on, you have to adjust the input level on the camera.



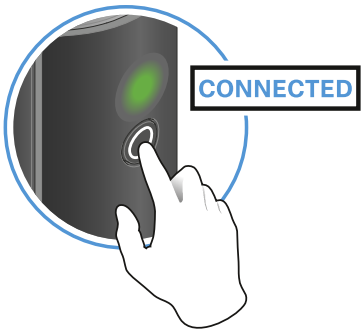
- If the camera has automatic gain control (AGC), you should disable this function.
- Set the input level in the camera's menu so that the audio signal does not overload the input.
- During recording, regularly check the input level on the camera to make sure that the audio signal is not overloading.

Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

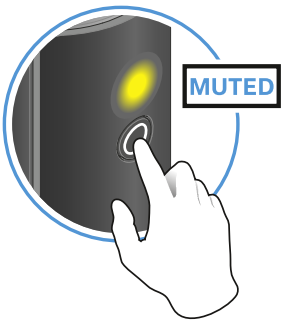
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

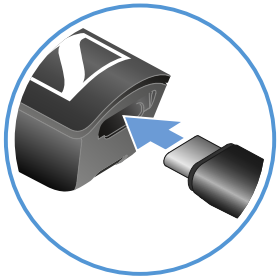


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

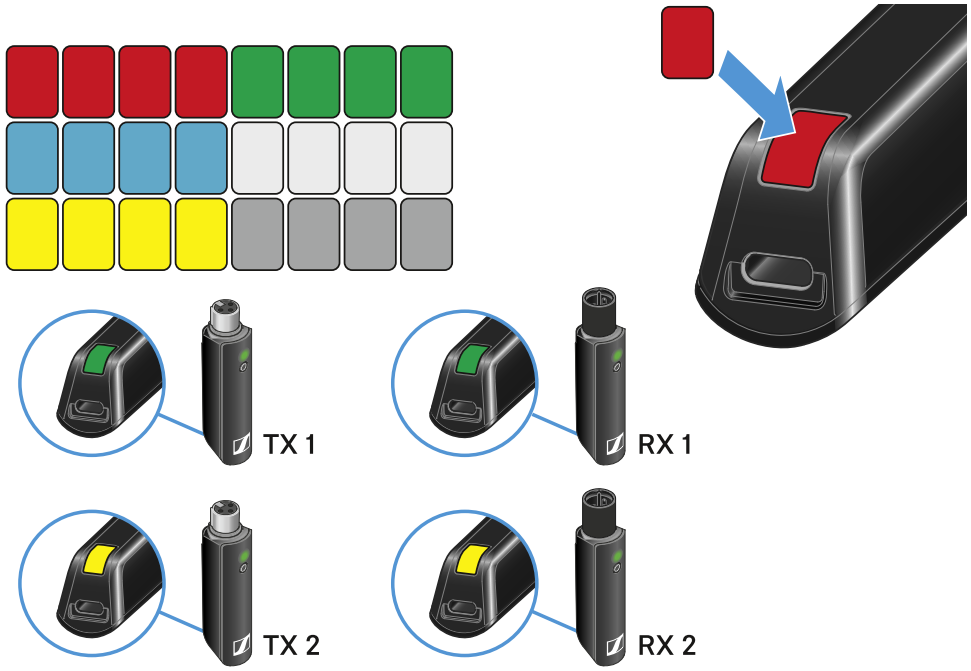


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

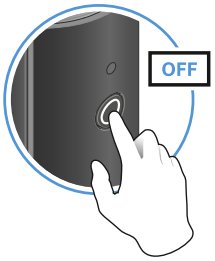


Pairing

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You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

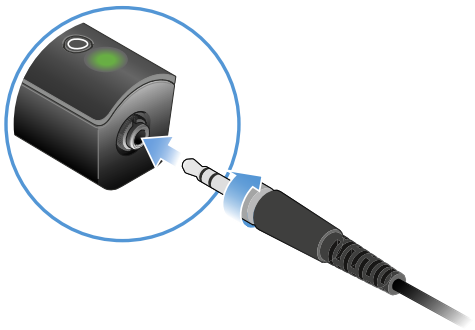
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Portable Lavalier Set

Connecting the clip-on microphone to the transmitter

- Plug the clip-on microphone's screw-on jack plug into the jack socket on the transmitter.



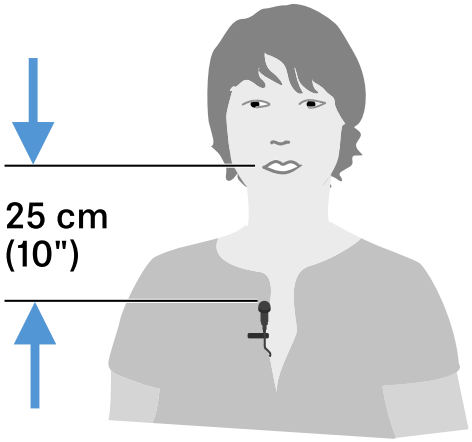
- Lock the jack plug by screwing down the coupling ring.

  If the jack plug is not firmly locked, crackling noise can appear in the audio signal.

- Insert the transmitter into the belt clip.
- Fasten the belt clip to your clothes, for example on your belt or waistband.

Attaching the clip-on microphone

- Fasten the clip-on microphone to your clothes, for example on your collar or lapel.
- The distance to your mouth should be about 25 cm.



✓ The distance affects the sensitivity of the clip-on microphone.

> **i** Reduce the distance if you are speaking at a low volume, and increase it when speaking loudly.

Connecting the receiver to the camera

- Plug the camera cable's screw-on jack plug into the jack socket on the receiver.
- Lock the jack plug by screwing down the coupling ring.

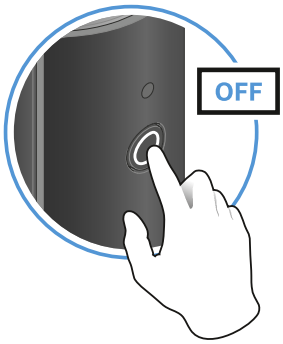


  - If the jack plug is not firmly locked, crackling noise can appear in the audio signal.
- Insert the receiver into the hot shoe adapter.
- Slide the hot shoe adapter onto your camera.
- Plug the camera cable's simple jack plug into the jack socket on your camera.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

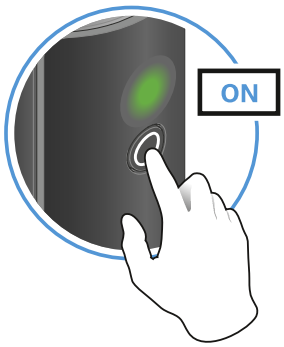
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

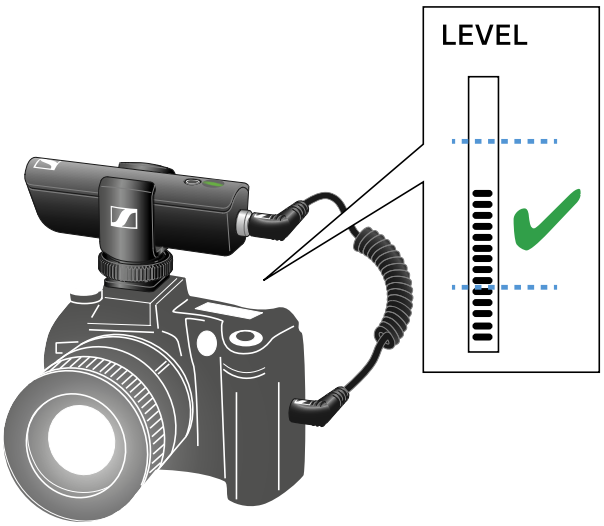
Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.



Adjusting the input level on the camera

Once you have connected the receiver to the camera and switched it on, you have to adjust the input level on the camera.



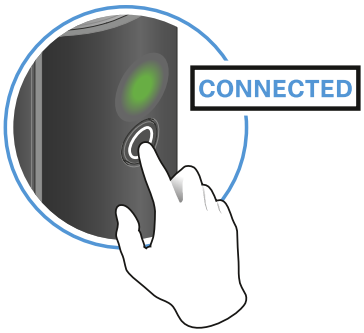
- If the camera has automatic gain control (AGC), you should disable this function.
- Set the input level in the camera's menu so that the audio signal does not overload the input.
- During recording, regularly check the input level on the camera to make sure that the audio signal is not overloading.

Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

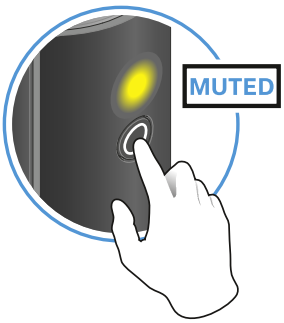
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

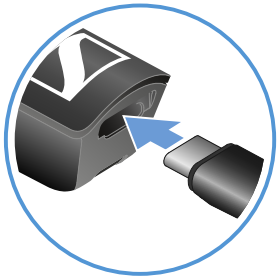


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

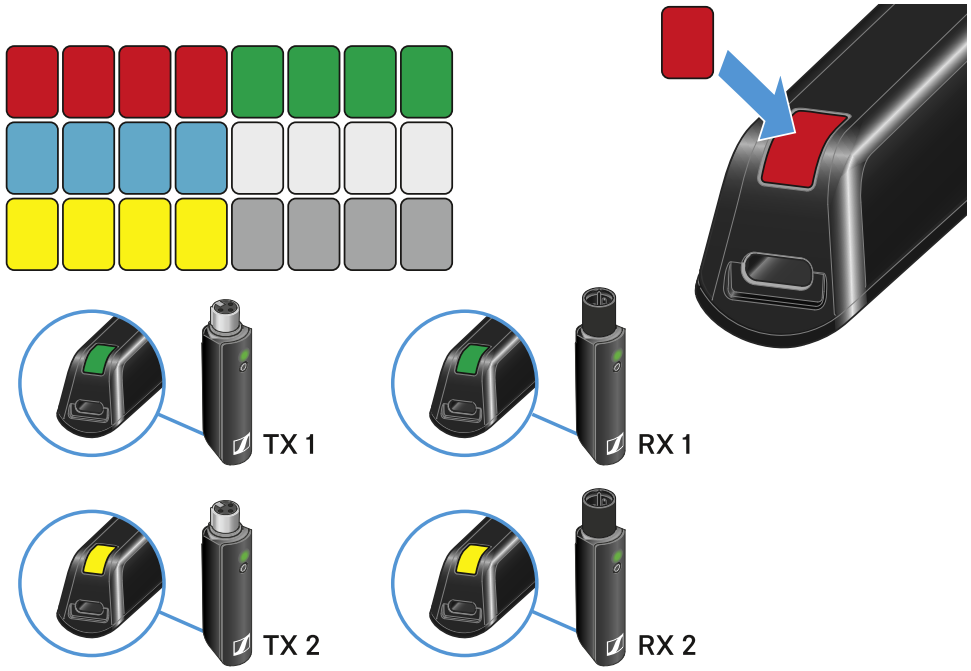


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

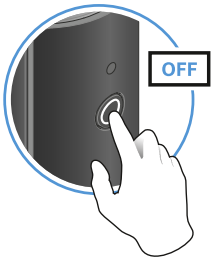


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

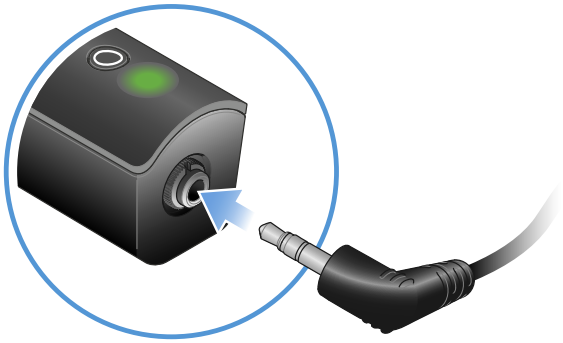
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Portable ENG Set

Connecting the microphone to the transmitter

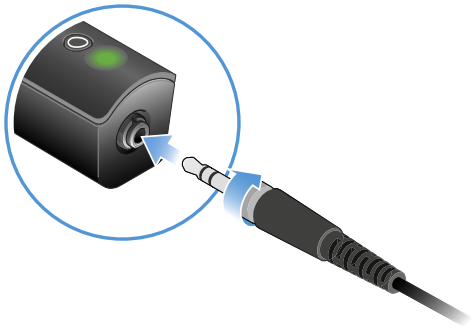
- Plug your microphone's jack plug into the jack socket on the transmitter.



- Insert the transmitter into the belt clip.
- Fasten the belt clip to your clothes, for example on your belt or waistband.

Connecting the clip-on microphone to the transmitter

- Plug the clip-on microphone's screw-on jack plug into the jack socket on the transmitter.



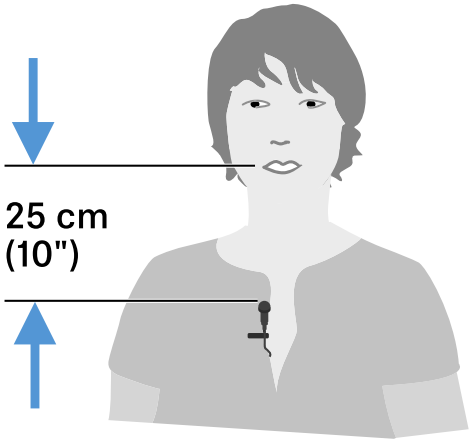
- Lock the jack plug by screwing down the coupling ring.

  If the jack plug is not firmly locked, crackling noise can appear in the audio signal.

- Insert the transmitter into the belt clip.
- Fasten the belt clip to your clothes, for example on your belt or waistband.

Attaching the clip-on microphone

- Fasten the clip-on microphone to your clothes, for example on your collar or lapel.
- The distance to your mouth should be about 25 cm.



✓ The distance affects the sensitivity of the clip-on microphone.

> **i** Reduce the distance if you are speaking at a low volume, and increase it when speaking loudly.

Connecting the receiver to the camera

- Plug the camera cable's screw-on jack plug into the jack socket on the receiver.
- Lock the jack plug by screwing down the coupling ring.

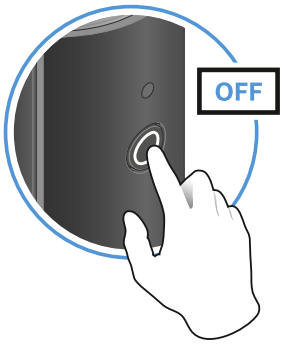


  - If the jack plug is not firmly locked, crackling noise can appear in the audio signal.
- Insert the receiver into the hot shoe adapter.
- Slide the hot shoe adapter onto your camera.
- Plug the camera cable's simple jack plug into the jack socket on your camera.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

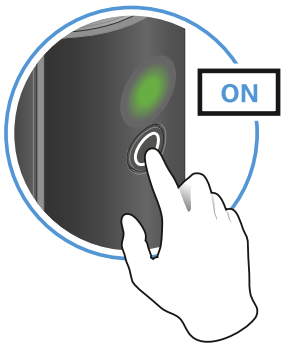
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  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

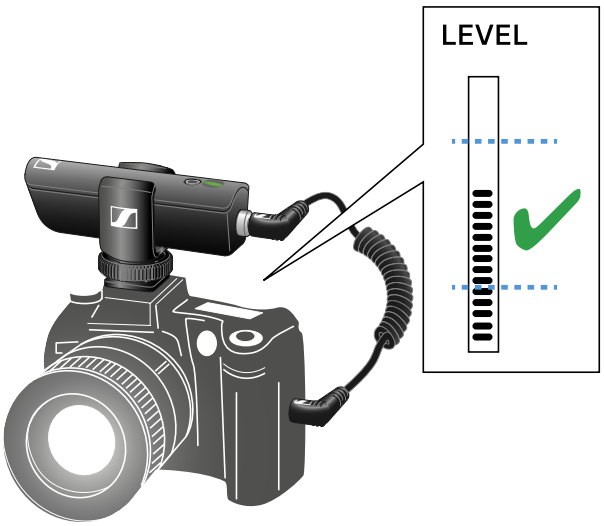
Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.



Adjusting the input level on the camera

Once you have connected the receiver to the camera and switched it on, you have to adjust the input level on the camera.



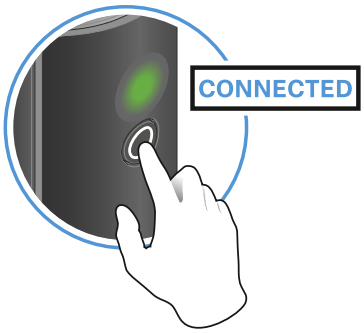
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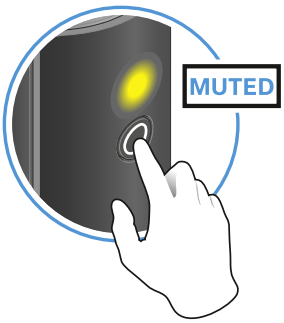
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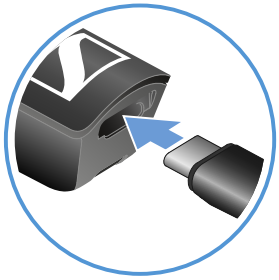


The charge level of the **connected** transmitter/receiver is below 5%.

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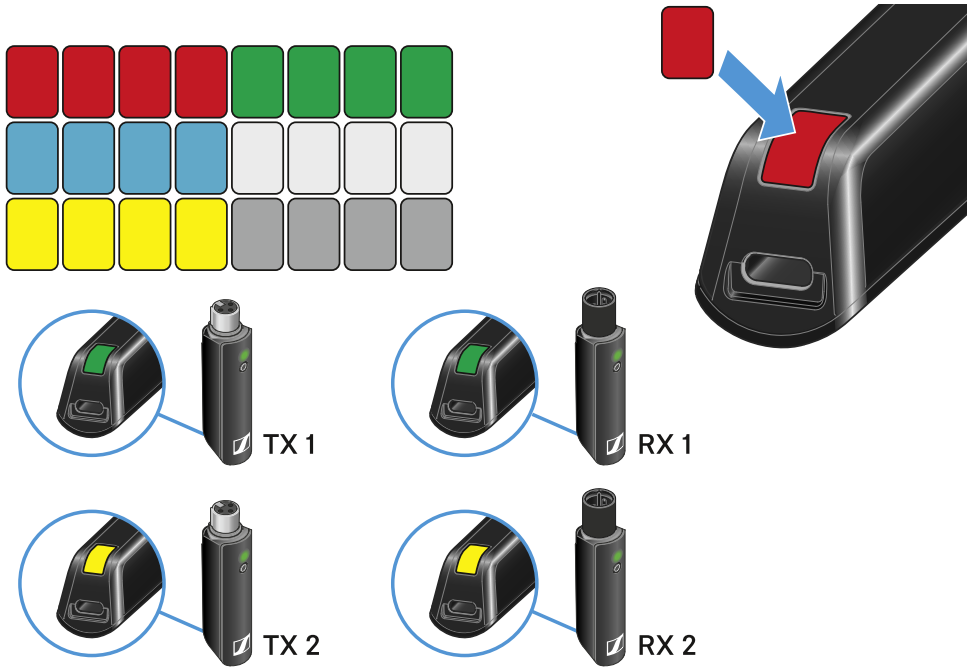


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

	< 5%
	5 % ... 75 %
	> 75%
	100 %

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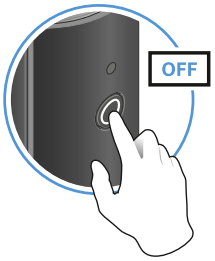


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

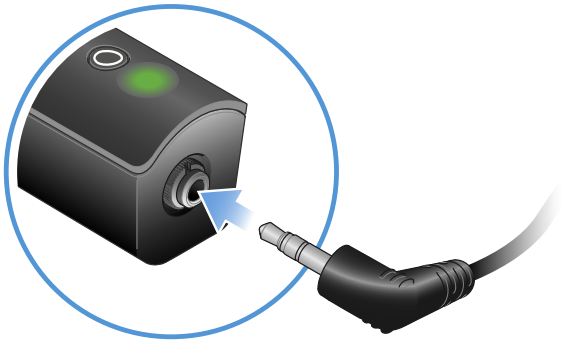
If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

Portable Base Set

Connecting the microphone to the transmitter

- Plug your microphone's jack plug into the jack socket on the transmitter.



- Insert the transmitter into the belt clip.
- Fasten the belt clip to your clothes, for example on your belt or waistband.

Connecting the receiver to the camera

- Plug the camera cable's screw-on jack plug into the jack socket on the receiver.
- Lock the jack plug by screwing down the coupling ring.

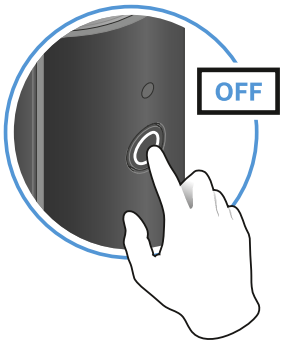


  - If the jack plug is not firmly locked, crackling noise can appear in the audio signal.
- Insert the receiver into the hot shoe adapter.
- Slide the hot shoe adapter onto your camera.
- Plug the camera cable's simple jack plug into the jack socket on your camera.

Switching the transmitter and receiver on/off

Switch on the transmitter and receiver:

- Briefly press the button on the transmitter and the button on the receiver.



  - The status LEDs indicate the charge level for four seconds.

- During these four seconds, check that the transmitter and receiver are sufficiently charged.

  - > 70 %
  - 5 % ... 75 %
  - < 5%

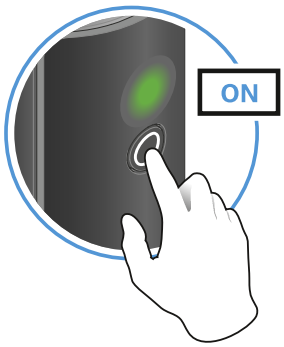
  If the status LED remains red, you should charge the rechargeable battery first. If the status LED flashes red, the charge level is too low. You must charge the rechargeable battery first (see Charging the rechargeable battery).

  After four seconds, the status LED starts flashing green. The flashing indicates that a wireless connection is being established.

  The status LEDs remain green once the transmitter and receiver are connected.
  If the status LEDs do not remain green, either the charge level is below 15 % (see Checking the charge level during use) or the transmitter and receiver are not paired (see Pairing).

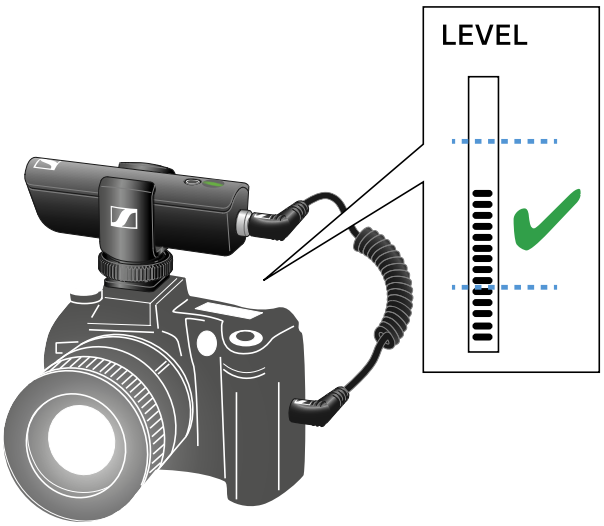
Switch off the transmitter and receiver:

- Press the button on the transmitter and the button on the receiver until the status LEDs switch off.



Adjusting the input level on the camera

Once you have connected the receiver to the camera and switched it on, you have to adjust the input level on the camera.



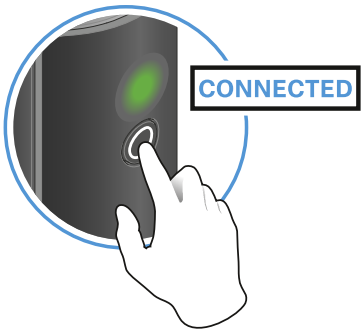
- If the camera has automatic gain control (AGC), you should disable this function.
- Set the input level in the camera's menu so that the audio signal does not overload the input.
- During recording, regularly check the input level on the camera to make sure that the audio signal is not overloading.

Muting the audio signal

When using a set, you can mute the audio signal. The audio signal can then be unmuted.

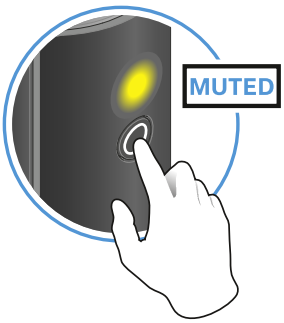
To mute the audio signal:

- Briefly press the button on the transmitter or receiver.



To unmute the audio signal:

- Briefly press the button on the transmitter or receiver.



Checking the charge level during use

The status LED remains green during use as long as the rechargeable battery has sufficient charge. The status LED begins flashing red and green in alternation when the charge level falls below 15 %. Once the charge level falls below 5 %, the status LED flashes only red.

In addition to the local charge level, the status LED on a transmitter or receiver also provides information about the charge level of the connected transmitter or receiver. This allows you to check the charge levels at any time.



The charge level is below 15%.



The charge level of the **connected** transmitter/receiver is below 15%.



The charge level is below 5%.

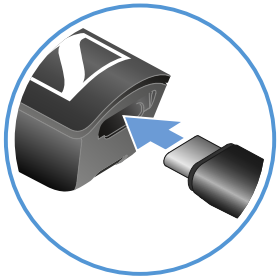


The charge level of the **connected** transmitter/receiver is below 5%.

Charging the rechargeable battery

To minimize charging time and allow you to monitor the charge level, you should switch off the transmitter and/or receiver before charging the battery.

However, the transmitter and receiver can also be charged while in operation.

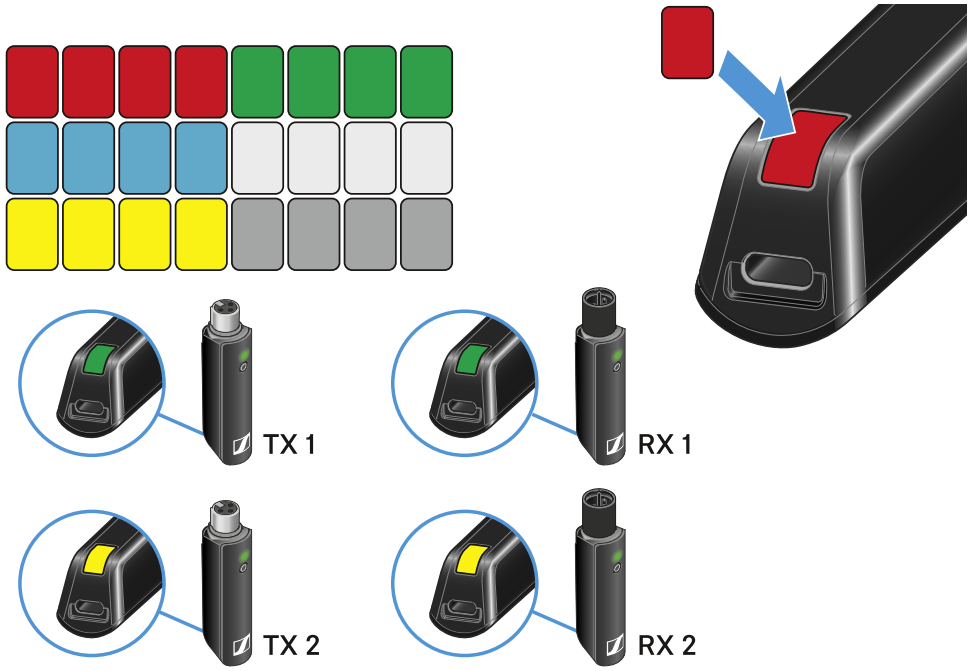


- Plug the small end of the USB charging cable into the USB port on the transmitter or receiver.
- Plug the large end of the USB charging cable into the USB port on a conventional USB power supply unit.
- Plug the USB power supply unit into the wall socket.
  - The status LED indicates the charge level.

< 5%	
5 % ... 75 %	
> 75%	
100 %	

Using stickers to label transmission paths

You can use the colored stickers to show which transmitter belongs to which receiver.

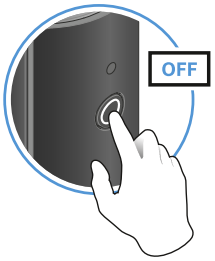


Pairing

The transmitter and the receiver of a set are pre-paired at the factory and therefore ready for immediate use. The wireless connection is established once the transmitter and receiver are switched on and within range of each other.

You can pair up to four transmitters with the receiver. However, you can only use one transmitter with the receiver at a time. The other paired transmitters must be switched off during this time.

- Make sure that both the transmitter and receiver are switched off.



- Press the button on the transmitter and the button on the receiver until the status LEDs start flashing green and red in alternation.
  - The status LEDs will remain green once the transmitter and receiver are paired and connected. If the status LEDs do not remain green, the charge level is below 15 % (see Checking the charge level during use).

Out-of-range monitoring

The status LEDs begin flashing red when the transmitter and receiver are almost out of range.



Correcting faults

If the status LED remains red, a fault has occurred.

- Unplug any connected USB cables from the UBS port.
- Switch the transmitter and receiver off and on again.
- Perform pairing, if necessary.
- If this does not correct the fault, please contact Sennheiser customer service: sennheiser.com/support.

4. Technical Specifications

All specifications at a glance.

XSW Digital RX XLR

USB-C interface for charging

Input voltage	Typically 5.0 V
Charging temperature	0 °C – 60 °C (32 °F – 140 °F)
Charging time	Typically 3 hrs

Rechargeable battery

Cell type	Lithium-ion
Nominal voltage	3.7 V
Cell capacity	850 mAh
Operating time	up to 5 h

Audio properties

Codec	aptX® Live
Audio frequency response	80 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 109 x 24 x 28 mm
Weight	Approx. 90 g
Frequency range	2400 – 2483.5 MHz
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XSW Digital TX XLR

USB-C interface for charging

Input voltage	Typically 5.0 V
Charging temperature	0 °C – 60 °C (32 °F – 140 °F)
Charging time	Typically 3 hrs

Rechargeable battery

Cell type	Lithium-ion
Nominal voltage	3.7 V
Cell capacity	850 mAh
Operating time	up to 5 h

Audio properties

Codec	aptX® Live
Audio frequency response	80 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 102 x 24 x 28 mm
Weight	Approx. 86 g
Frequency range	2400 – 2483.5 MHz
Transmission power (EIRP)	Max. 10 mW
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XSW Digital RX 35

USB-C interface for charging

Input voltage	Typically 5.0 V
Charging temperature	0 °C – 60 °C (32 °F – 140 °F)
Charging time	Typically 3 hrs

Rechargeable battery

Cell type	Lithium-ion
Nominal voltage	3.7 V
Cell capacity	850 mAh
Operating time	up to 5 h

Audio properties

Codec	aptX® Live
Audio frequency response	80 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 86 x 24 x 28 mm
Weight	Approx. 73 g
Frequency range	2400 – 2483.5 MHz
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XSW Digital TX 35

USB-C interface for charging

Input voltage	Typically 5.0 V
Charging temperature	0 °C – 60 °C (32 °F – 140 °F)
Charging time	Typically 3 hrs

Rechargeable battery

Cell type	Lithium-ion
Nominal voltage	3.7 V
Cell capacity	850 mAh
Operating time	up to 5 h

Audio properties

Codec	aptX® Live
Audio frequency response	80 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 86 x 24 x 28 mm
Weight	Approx. 73 g
Frequency range	2400 – 2483.5 MHz
Transmission power (EIRP)	Max. 10 mW
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XSW Digital RX 63

USB-C interface for charging

Input voltage	Typically 5.0 V
Charging temperature	0 °C – 60 °C (32 °F – 140 °F)
Charging time	Typically 3 hrs

Rechargeable battery

Cell type	Lithium-ion
Nominal voltage	3.7 V
Cell capacity	850 mAh
Operating time	up to 5 h

Audio properties

Codec	aptX® Live
Audio frequency response	10 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 122 x 24 x 28 mm
Weight	Approx. 77 g
Frequency range	2400 – 2483.5 MHz
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XSW Digital TX 63

USB-C interface for charging

Input voltage	Typically 5.0 V
Charging temperature	0 °C – 60 °C (32 °F – 140 °F)
Charging time	Typically 3 hrs

Rechargeable battery

Cell type	Lithium-ion
Nominal voltage	3.7 V
Cell capacity	850 mAh
Operating time	up to 5 h

Audio properties

Codec	aptX® Live
Audio frequency response	10 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 122 x 24 x 28 mm
Weight	Approx. 77 g
Frequency range	2400 – 2483.5 MHz
Transmission power (EIRP)	Max. 10 mW
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XSW Digital RX Pedal

USB-C interface

Output voltage	5 V
Output current	typically 380mA
Input voltage	5 V
Current consumption	max. 185 mA

External power supply

Input voltage	9 – 15 V, typ. 12 V
Current consumption	Max. 500 mA @ 9 V

Audio properties

Codec	aptX® Live
Audio frequency response	10 – 18000 Hz
Audio output	max 12 dBu
Signal-to-noise ratio	≥ 106 dB
Total harmonic distortion (THD)	< 0.1 %
Audio latency	< 4 ms

Product properties

Dimensions	Approx. 130 x 82 x 51 mm
Weight	Approx. 890 g
Frequency range	2400 – 2483.5 MHz
Modulation	GFSK with TDMA

Ambient conditions

Operating temperature	-10 °C to +55 °C (14 °F to 131 °F)
Relative humidity	95% (non-condensing)

XS 1

Dimensions	Approx. Ø 48 x 180 mm
Weight	Approx. 330 g
Transducer principle	Dynamic
Frequency response	55 – 16000 Hz
Pick-up pattern	Cardioid
Sensitivity	1.8 mV/Pa (free field, no load at 1 kHz)
Nominal impedance	approx. 300 Ω (at 1 kHz)
Min. terminating impedance	1 kΩ
Connection	XLR-3
Temperature range	0 °C to +40 °C (32 °F to 104 °F)

5. Regulatory Information

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

Model: RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63, RX Pedal, XS 1

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

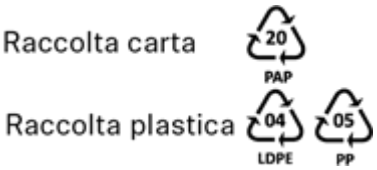
CE

In compliance with the following requirements

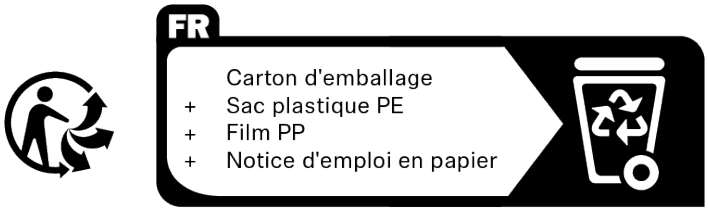


- Regulation (EU) 2023/988 on general product safety
- WEEE Directive (2012/19/EU)
- RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63, RX Pedal: Regulation (EU) 2023/1542 concerning batteries and waste batteries

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)

Hereby, Sennheiser electronic SE & Co. KG declares that the radio equipment type RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63, RX Pedal 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.

United Kingdom

RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63, RX Pedal

UK CA

USA

FCC

FCC ID: DMOSRX (RX Pedal)

FCC ID: DMOPTX (TX 63, TX 35, TX XLR)

FCC ID: DMOPRX (RX 63, RX 35, RX XLR)

Statements regarding FCC and ISED

This device complies with part 15 of the FCC rules and RSS-210 of Innovation, Science and Economic Development Canada (ISED). 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

Canada

CAN ICES-003(B) / NMB-003(B)

IC ID: 2099A-SRX (RX Pedal)

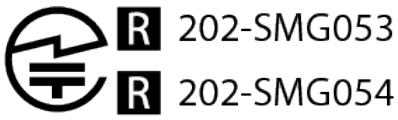
IC ID: 2099A-PTX (TX 63, TX 35, TX XLR)

IC ID: 2099A-PRX (RX 63, RX 35, RX XLR)

Australia / New Zealand



Japan



Brazil

ANATEL
Agência Nacional de Telecomunicações

RX Pedalm TX 63: 06185-19-07356

RX XLR, TX XLR, RX 35, TX 35, RX 63: 01744-19-07356

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

Mexico

NOM

IFT: RCPSETX19-0416(TX 63)

IFT: RCPSERX19-1389 (RX Pedal)

India

RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63

IS 616/IEC 60065

R-41196940
www.bis.gov.in

Thailand

RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63, RX Pedal

IS 616/IEC 60065

R-41196606
www.bis.gov.in

China

RX XLR, TX XLR, RX 35, TX 35, RX 63, TX 63, RX Pedal

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
电缆及电缆组件 (Cables & Cable Assemblies)	x	o	o	o	o	o	o	o	o	o	15
电池 - 如果包含 (battery - if available)	x	o	o	o	o	o	o	o	o	o	5

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。

XS 1

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。

Taiwan

TX 63 CCAI19LP1320T2

RX Pedal CCAI19LP1900T4

低功率電波輻射性電機管理辦法

第十二條 經型式認證合格之低功率射頻電機， 非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條 低功率射頻電機之使用不得影響飛航 安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前 項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科 學及醫療用電波輻射性電機設備之干擾。

Vietnam

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.



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