

SL Headmic 1



Instruction manual

Safety instructions

- Please read this instruction manual carefully and completely before using the product.
- Make this instruction manual easily accessible to all users at all times.
- Always include this instruction manual when passing the product on to third parties.
- Liquid entering the housing of the product can cause a short-circuit and damage the electronics. Keep all liquids away from the product.
- Do not expose the product to extreme temperatures.
- Use the product with care and store it in a clean, dust-free environment.
- Only use attachments, accessories or spare parts specified by Sennheiser.

Intended use

Intended use includes:

- having read these instructions, especially the chapter “Safety instructions”,
- using the product within the operating conditions and limitations described in this instruction manual.
- never opening the product. If products are opened by customers in breach of this instruction, the warranty becomes null and void.

“Improper use” means using the product other than as described in these instructions, or under operating conditions which differ from those described herein.

SL Headmic 1

The SL Headmic 1 is a high-quality omni-directional condenser headset microphone designed for professional “hands free” applications. Its adjustable neckband is visually unobtrusive and very comfortable to wear. The SL Headmic 1 is available in black and beige.

Features

- Individually adjustable to all head sizes
- Thin microphone boom, interchangeable
- Microphone boom can be attached to the left or right side
- Microphone boom is adjustable in length
- Modular overall system, i.e. all system components are easily interchangeable

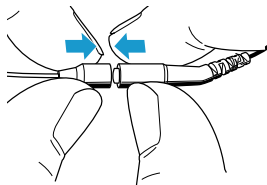
Package contents

- 1 SL Headmic 1
- 1 connection cable with 3.5 mm jack plug or Sennheiser special connector
- 1 MZC 2 frequency response cap
- 1 SL MZW 1 windshield
- 1 soft case
- 1 instruction manual

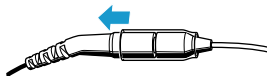
Putting into operation

To connect the cable to the headset microphone:

- ▶ Plug the connector into the socket.



- ▶ Slide the silicone tube onto the connector.



The microphone can be worn on the left or right side of the mouth. If you do **not** want to change sides, continue on page 5.

Changing the microphone position (left/right)



The neckband has a total of five clips which are designed so that the microphone boom can be worn on either side of the mouth.

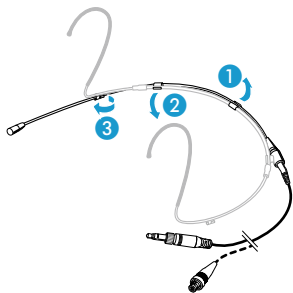
NOTICE Damage to the microphone boom

The microphone boom can break or be impaired in its function when you bend or turn it. Also avoid frequent alternate bendings close to the microphone head as this can also damage the microphone boom and possibly reduce the adjustability of the microphone.

- ▶ Only adjust the microphone boom as described in this chapter.
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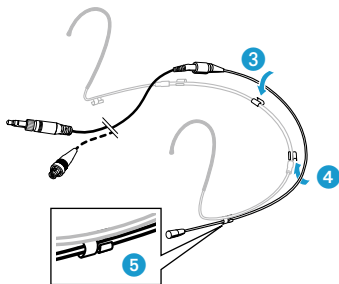
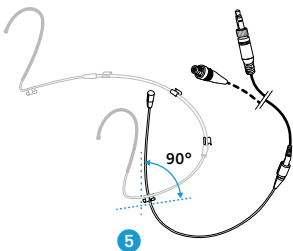
To remove the microphone boom:

- ▶ First remove the microphone boom from the two clips ① and ②.
- ▶ By turning the microphone boom, remove it from the third clip ③.



To reattach the microphone boom:

- ▶ First attach the end of the microphone boom where the microphone head is fitted to the clip ⑤ on the desired side of the neckband.
- ▶ Press the microphone boom into the two clips ③ and ④.



Adjusting the microphone boom and the neckband

For best possible comfort and optimum fit of the headset microphone, the neckband and the microphone boom have to be adjusted to properly fit your head.

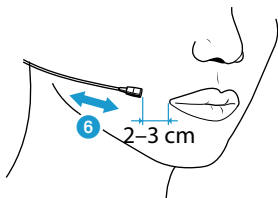
NOTICE Damage to the microphone boom

The microphone boom can break or be impaired in its function when you bend or turn it.

Positioning the microphone towards the corner of the mouth

To individually position the microphone:

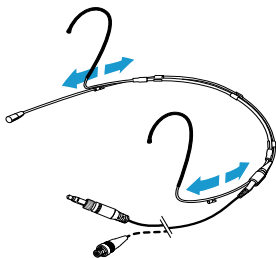
- ▶ Push the microphone boom ⑥ in backwards or forwards in the clips so that the microphone is positioned 2 to 3 cm from the corner of the mouth. The further away the microphone is from the mouth, the less treble is picked up.



Adjusting the neckband

The neckband is adjustable in width and ensures an optimum fit.

- ▶ Change the length of the neckband by moving the ear hooks until a snug but comfortable fit is achieved.



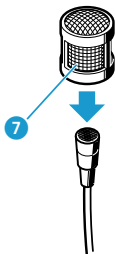
Using the frequency response caps

The MZC 2 frequency response cap **7** allows you to adjust the microphone's sensitivity in the presence area. The MZC 2 gives a treble boost of 4 dB (see "Frequency response curve" on page 13). Use this cap if the microphone cannot be positioned close to the mouth, if the sound is too muffled or if you want to increase the speech intelligibility.

- ▶ Slip the MZC 2 frequency response cap **7** onto the microphone until it locks into place with an audible click.

An additional frequency response cap (MZC 1) is available as accessory. The MZC 1 ensures a treble boost of 2 dB.

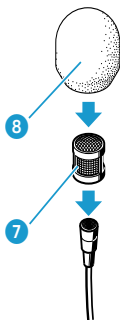
- ▶ Slip the MZC 1 frequency response cap onto the microphone until it locks into place with an audible click.



Using the windshield

The SL MZW 1 windshield **8** attenuates annoying wind noise by 10 dB.

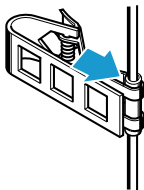
- ▶ Slip the SL MZW 1 windshield **8** onto the MZC 2 frequency response cap **7**.



Attaching the connection cable to clothing

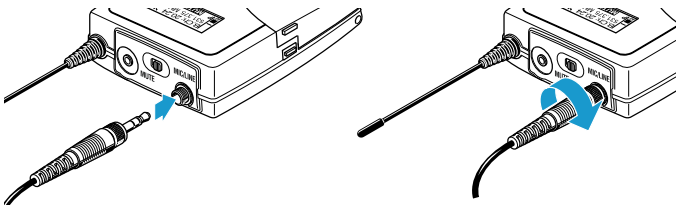
The MZQ 02 cable clip is available as accessory.

- ▶ Press the tube of the connection cable into the cable grip of the MZQ 02 cable clip.
- ▶ Attach the cable clip to the rear of your collar.
- ▶ Run the connection cable under your clothing.



Connection cable with 3.5 mm jack plug

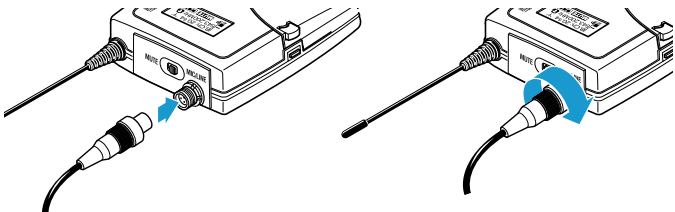
The cable is suitable for use with Sennheiser bodypack transmitters with 3.5 mm jack socket. For wired applications, the headset microphone can be used with the intelligent MZA 900 P phantom power adapter.



- ▶ Lock the jack plug for safe operation.

Connection cable with Sennheiser special connector

This cable is suitable for use with Sennheiser bodypack transmitters with the Sennheiser special connector. For wired applications, the headset microphone can be used with the intelligent MZA 900 P-4 phantom power adapter.



- ▶ Lock the special connector for safe operation.

Care and maintenance

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- NOTICE** Liquids can damage the electronics of the device
- Liquids entering the housing of the device can cause a short-circuit and damage the electronics.
- ▶ Only use a soft, slightly damp cloth to clean the device.
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Cleaning the frequency response caps

- ▶ To clean or replace the frequency response cap, carefully pull it from the capsule.
- ▶ Moisten a small brush (bristle brush or toothbrush) with isopropyl alcohol.
- ▶ Carefully brush off the frequency response cap.
- ▶ Allow the frequency response cap to air dry for approx. 1 hour so that the remaining isopropyl alcohol can evaporate.
- ▶ Reattach the frequency response cap to the capsule so that it locks into place with an audible click.

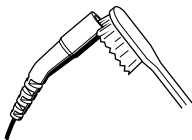
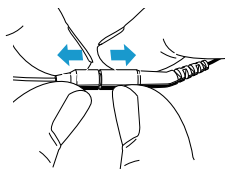
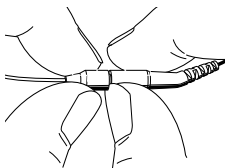
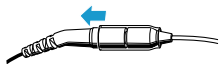


Cleaning the contacts of the connection cable

Over time, salt deposits from sweat can build up on the connector and the socket. Clean the connector and the socket as follows using standard isopropyl alcohol.

To loosen the connection:

- ▶ Slide the silicone tube aside.
- ▶ Insert your fingernail into the join.
- ▶ Pull the connector and the socket apart as shown.
- ▶ Moisten a small brush (bristle brush or toothbrush) with isopropyl alcohol.
- ▶ Carefully brush off the connector and the socket and remove the salt deposits.

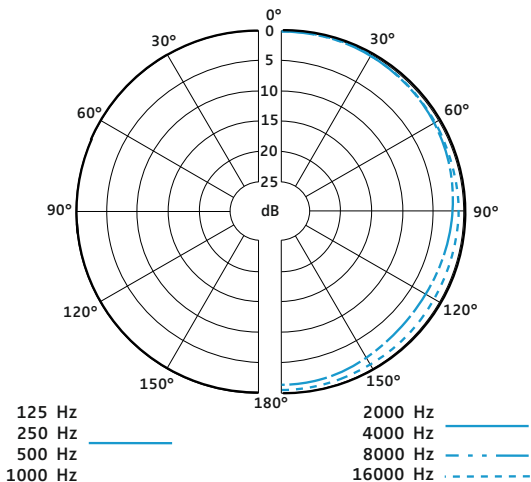


- ▶ Rinse the connector and the socket with isopropyl alcohol to remove the remaining salt deposits.
- ▶ Dry the connector and the socket using a soft cloth or a small piece of cotton wool and carefully tap them off.
- ▶ Allow the connector and the socket to air dry for approx. 1 hour so that the remaining isopropyl alcohol can evaporate.
- ▶ Slide the silicone tube onto the connector.
- ▶ Connect the connector to the socket.

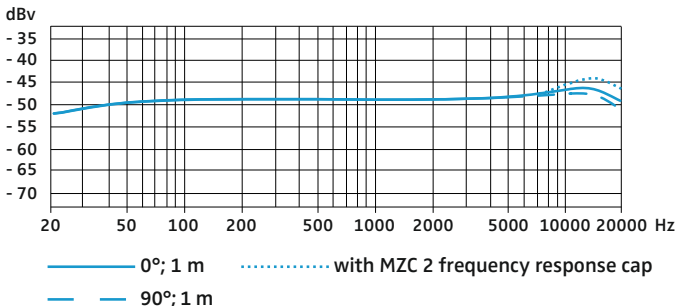
Specifications

Frequency response	20 to 20,000 Hz \pm 3 dB
Pick-up pattern	omni-directional
Nominal impedance (at 1 kHz)	1 k Ω
Min. terminating impedance	4.7 k Ω
Sensitivity	5 mV/Pa \pm 3 dB
Diameter of mic capsule	3.3 mm
Max. sound pressure level	143 dB
Equivalent noise level	27 dB (A)
Supply current	approx. 240 μ A
Power supply	4.5 to 15 V
Temperature range	
Operation	-10 °C to +50 °C
Storage	-20 °C to +70 °C
Relative air humidity	max. 95 %
Cable length	1.6 m
Diameter of boom arm	1.1 mm
Connector	3.5 mm jack plug or Sennheiser special connector
Weight (without cable)	approx. 7 g

Polar diagram



Frequency response curve



Manufacturer Declarations

Warranty

Sennheiser GmbH & Co. KG gives a warranty of 24 months on this product.

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

In compliance with the following requirements

- WEEE Directive (2012/19/EU)

Please dispose of this product by taking it to your local collection point or recycling center for such equipment.



CE Declaration of Conformity

- RoHS Directive (2011/65/EU)
- EMC Directive (2004/108/EC)

The declaration is available at www.sennheiser.com.

In compliance with

Europe

CE EMC EN 55103-1/-2

China

RoHS 

Australia/New Zealand





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