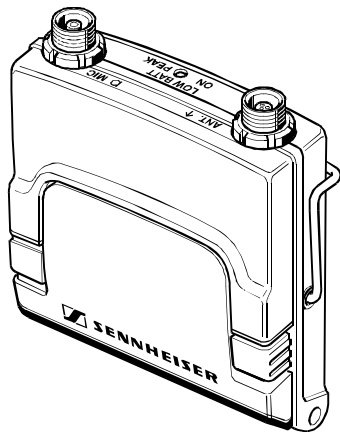




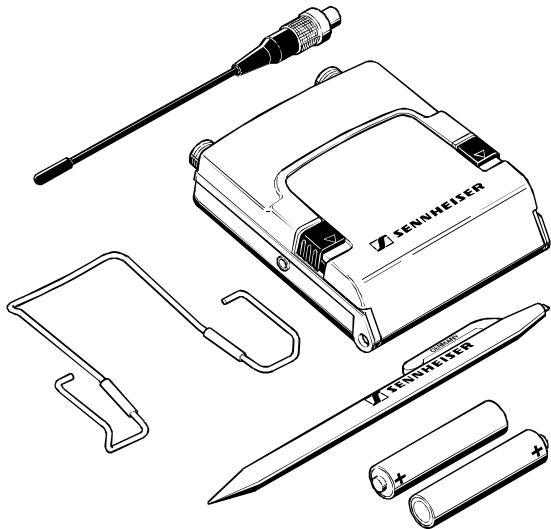
SK 5012

GEBRAUCHSANLEITUNG
INSTRUCTION MANUAL
NOTICE D'EMPLOI
ISTRUZIONI PER L'USO
INSTRUCCIONES PARA EL USO
GEBRUIKSAANWIJZING
BRUKSANVISNING



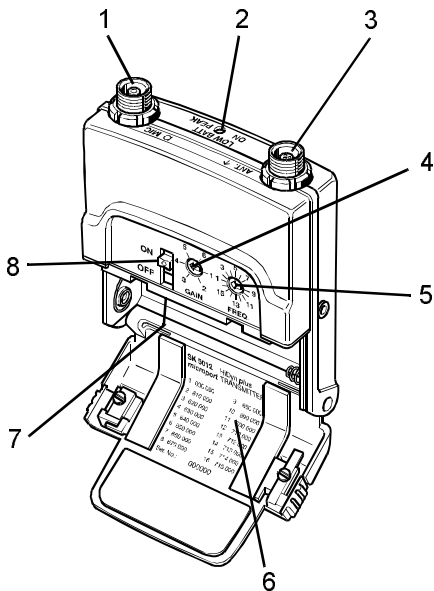
Delivery includes

- SK 5012
- Antenna
- 2 Batteries
- Attachment clip
- Screwdriver



Operating Elements

- 1 Mikrofone input
- 2 LED for operation, battery status and peak indication
- 3 Antenna socket
- 4 Sensitivity switch
- 5 Channel selector switch
- 6 Frequency/channel data plate
- 7 Type plate (in battery compartment)
- 8 ON/OFF switch



SK 5012 Mikroport bodypack transmitter

Thank you for choosing Sennheiser! We have designed this product to give you reliable operation over many years. Over half a century of accumulated expertise in the design and manufacture of high-quality of electro-acoustic equipment have made Sennheiser a world-leading company in this field.

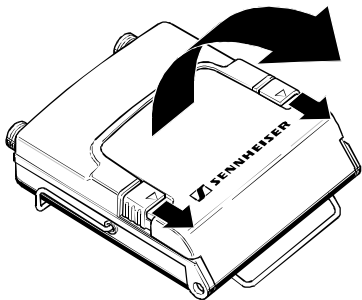
Due to its extremely flat design and small dimensions, the SK 5012 is especially suitable for applications where a very unobtrusive transmitter is being required.

Features

- Extremely small metal diecast casing
- Special protection against the ingress of moisture
- 6-step sensitivity switch for optimum adaption to different microphone input voltages
- Supplies connected condenser microphones
- State-of-the-art PLL technology, 16 switchable channels
- HiDyn plusTM noise reduction system
- Signal-to-noise-ratio > 110 dB (A)
- Voltage converter ensures constant output power until the batteries are completely discharged
- LED operation indicator: LED lights up dimly
- LED “low-battery“ indicator: LED blinks periodically
- LED peak indicator: LED flashes brightly
- Reliable, easy-to-use clip attachment

Inserting batteries

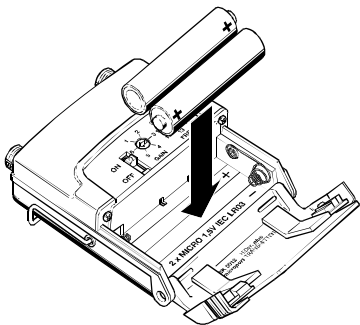
Open the transmitter by pushing down and pulling the two catches at the sides.



Insert the two batteries into the battery compartment.

When closing the transmitter, make sure that the two catches at the sides lock into place.

The transmitter can also be powered by rechargeable batteries.



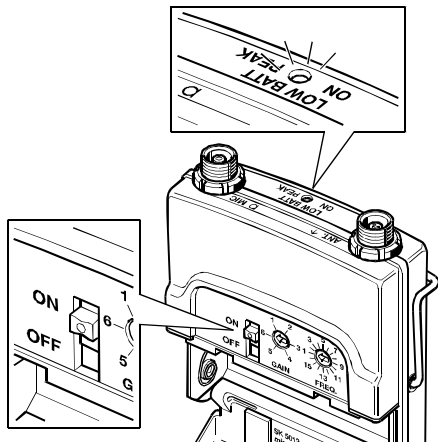


Important note

For maximum operating time, we recommend using AAA size alkaline manganese batteries (IEC LR 03).

Turning the transmitter on

Set the ON/OFF switch to ON. The red LED lights up dimly. This LED also serves as a peak indicator (LED flashes brightly) and “low battery” indicator (LED blinks periodically)



Indicating "low-battery" status

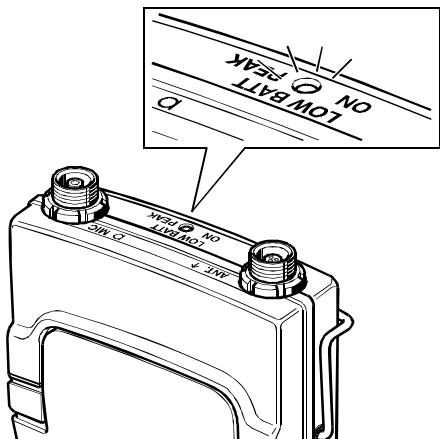
The transmitter has an integrated voltage converter which ensures constant operating conditions until the batteries are completely discharged. When the remaining operation time is approx. 30 minutes, the LED starts blinking periodically..

As the batteries discharge, the blinking of the LED accelerates.



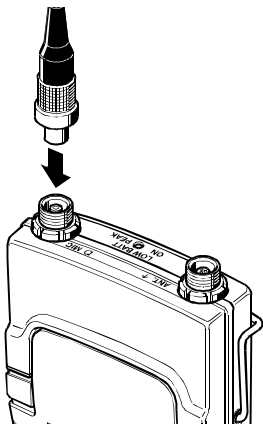
Note

If the transmitter is powered by rechargeable batteries, the LED only starts blinking shortly before the batteries are completely discharged.



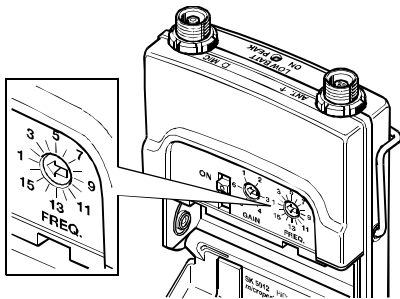
Connecting microphones

The transmitter has been designed for use with “lavalier” clip-on microphones which are fitted with a special Lemo plug. The supply voltage for powering these microphones is available at the transmitter’s microphone input. Connect the microphone’s Lemo plug to the socket at the top of the transmitter and lock the connection by screwing down the coupling ring.



Selecting a channel

Set the channel selector switch to the desired position. The assignment of a switch position / channel to a frequency is listed on the frequency/channel data plate (see inside battery compartment cover)

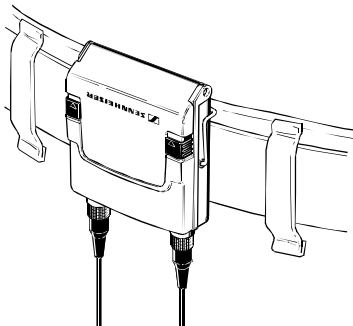
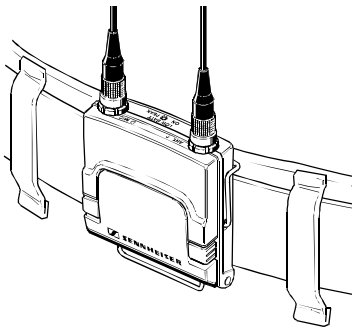


Attachment of the bodypack transmitter

Due to its small dimensions and extremely flat design, the transmitter can easily be attached to your clothing (e.g. pocket, waistband, belt) by means of the supplied clip.

To avoid kinking the antenna, the clip can be withdrawn from its fixing points and attached the other way round.

Make sure not to kink the antenna.

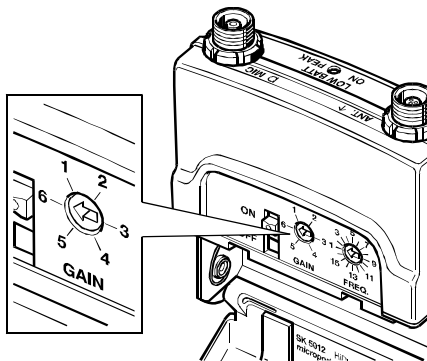


Adjusting the sensitivity

Use the 6-step sensitivity switch to adapt the gain of the microphone input to the expected sound levels.

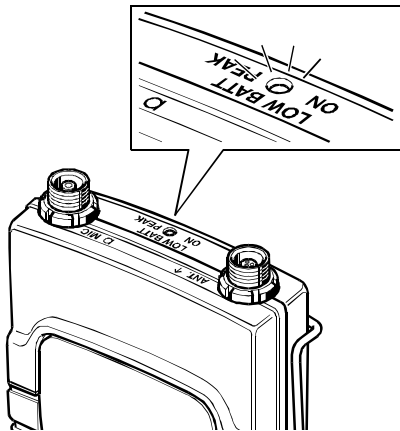
In practice, the following settings have proved their worth for adjusting the sensitivity:

- Position 1 = high-frequency, loud audio material with many plosives
- Position 2,3 = loud voices, vocals, theater applications (close-miking)
- Position 3,4,5 = normal voices, talkshows,
- Position 6 = soft voices



To provide for an accurate sensitivity setting, use the deviation indicator of your receiver (e.g. EM 1046).

As an aid to orientation, the transmitter's LED peak indicator lights up brightly. The sensitivity is set correctly, when the LED peak indicator lights up brightly only during peak levels. When adjusting the sensitivity, hold or attach the microphone exactly where it will be positioned during use.



HiDyn plus™

This transmitter is equipped with HiDyn plus™, the Sennheiser noise reduction system that reduces RF interference. Together with a receiver which is also equipped with HiDyn plus™ (e.g. EM 1046), an RF link of excellent operational reliability and high transmission quality can be set up.

Accessories

Only use original Sennheiser accessories and spare parts.



Attention

Components from other manufacturers may cause damage to the unit and will invalidate the warranty!

The following “lavalier“-clip-on-microphones are available:

- MKE 2-4, MKE 102-4 (omnidirectional pick-up pattern)
- MKE 40-4, MKE 104-4 (cardioid pick-up pattern)

Please order from your local Sennheiser dealer.

If problems occur...

Batteries inserted properly?

Battery capacity sufficient?

Transmitter and receiver turned on?

Transmitter and receiver set to the same frequency?

Receiving antenna within the transmitter's range?

Transmitter shielded by metal constructions or metallic clothing (or antenna in direct contact with the skin)?

If the problem persists, please contact your specialist dealer for assistance.



Attention

Never open the device!

Technical data

Casing	Metal diecast casing light chromium plating 53 x 60 x 17 mm
Batterie compartment	integrated, for 2 AAA size cells with reverse battery protection
Frequency range	450 - 960 MHz
Switching bandwidth	24 MHz
RF output power	typ. 30 mW
Frequency stability	± 10 ppm
Spurious emission	< 4 nW
Modulation	FM
Nominal deviation	± 40 kHz
Compander system	Sennheiser HiDyn plus™
Input sensitivity	49 mV _{eff} = -24dBu
for nominal deviation / 1 kHz AF	switchable in 5 steps of 8 dB max. input voltage 1.55 V _{rms}
AF frequency response	60 Hz - 20 kHz
Signal-to-noise ratio	110 dB(A) rms.
THD	$< 0,3\%$ at nominal deviation / 1 kHz
Connections	AF: 3-pin Lemo RF: special co-ax Lemo
Weight with batteries	approx. 230 g
Operating time with primary cells	with alkaline manganese batteries = approx. 7 h
Oper. time with rechargeable batt. (2 cells)	with 700 mAH per cell = approx. 5.5 h

CE 0682 

Konformitätserklärung

Sennheiser electronic GmbH & Co. KG erklären, daß dieses Gerät die anwendbaren CE-Normen und Vorschriften erfüllt.

Vor Inbetriebnahme sind die jeweiligen, länderspezifischen Vorschriften zu beachten!

Approval

Sennheiser electronic GmbH & Co.KG declare that this device is in compliance with the applicable CE standards and regulations.

Before putting this device into operation, please observe the respective country-specific regulations!

Certification

Sennheiser electronic GmbH & Co.KG déclarons que cet appareil est en conformité avec les normes CE.

Avant d'utiliser l'appareil, veuillez observer les dispositions légales en vigueur dans votre pays!

Certificazione

Sennheiser electronic GmbH & Co.KG dichiara che apparecchio si attiene alle normative e alle prescrizioni CE applicabili.

Prima di utilizzare l'apparechio fare attenzione alle specifiche normative di legge del paese di impiego!

Autorizacion

Sennheiser electronic GmbH & Co.KG declaramos que este aparato cumple las normas y directrices de la CE aplicables.

!Antes de la puesta en funcionamiento deberán observarse los respectivos reglamentos nacionales!

Vergunning

Sennheiser electronic GmbH & Co.KG verklaren, dat dit toestel voldoet de toepasselijke CE-normen en voorschriften.

Voor inbedrijfstelling dient u de afzonderlijke landspecifieke voorschriften in acht te nemen!

Änderungen vorbehalten
Subject to alterations
Sous réserve de modification
Con riserva die modifiché
Reservado el derecho a introducir modificaciones
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