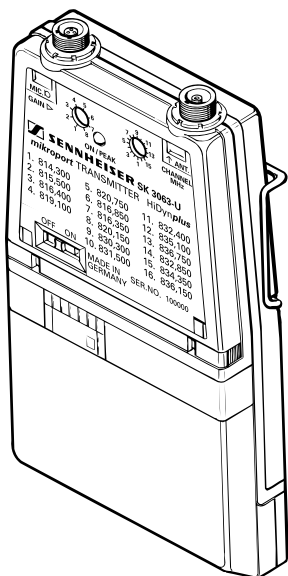


INSTRUCTIONS FOR USE
MIKROPORT BODY-PACK TRANSMITTER

SK 3063-U



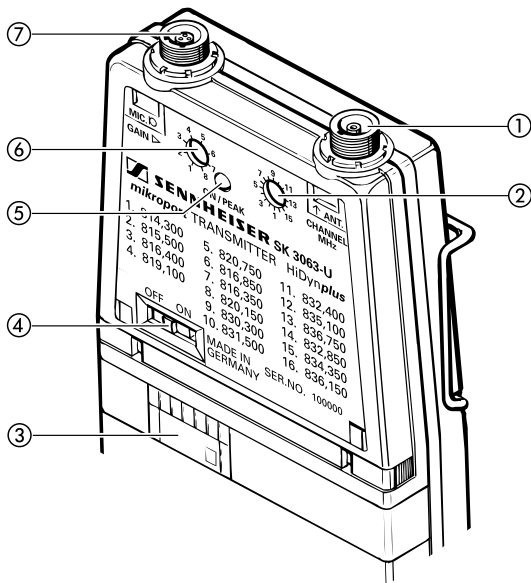
Brief description SK 3063-U

In combination with a connected microphone, the transmitter can be used as a wireless microphone. Its flat shape and small dimensions make this design especially well-suited for particular applications in which an inconspicuous appearance is required, as is the case with film and television productions, for example. To reduce interference and to improve the signal-to-noise ratio, SK 3063-U transmitters are equipped with the "**HiDyn plus**" noise reduction system. In combination with a receiver which is also equipped with this system (e.g. EM 3031/32-U / EM 3532-U), a connection can be established, which is characterised by excellent operational reliability and supreme transmission quality.

FEATURES:

- Metal injection-moulded casing with quick-change energy pack
- State-of-the-art PLL technology, 16 switchable channels
- Sennheiser "**HiDyn plus**" noise reduction system
- Signal-to-noise ratio > 112 dB (A)
- Integratal voltage converter for constant output power through to complete discharge of the battery or rechargeable battery
- Operating time display with blinking warning
- Battery status transmitted to the receiver
- Operation and peak deviation indicator

Controls and connections



- 1 ANTENNA SOCKET
- 2 CHANNEL SELECTOR SWITCH
- 3 OPERATING TIME DISPLAY
- 4 ON / OFF SWITCH
- 5 OPERATION / PEAK DEVIATION INDICATOR
- 6 SENSITIVITY SELECTOR SWITCH FOR MICROPHONE INPUT
- 7 MICROPHONE INPUT

Microphone selection

The MKE 2-4, MKE 102-4 (omnidirectional pick-up pattern) and MKE 40-4, MKE 104-4 (cardioid pick-up pattern) clip-on microphones are available. They are equipped with a special Lemo plug. The plug is disconnected by unscrewing the threaded collar.

The voltage necessary to operate these microphones is available at the microphone input of the transmitter. Dynamic microphones and other low-impedance sources can be connected through an external coupling condenser of approx. 10 μ F (+pole on contact 2).

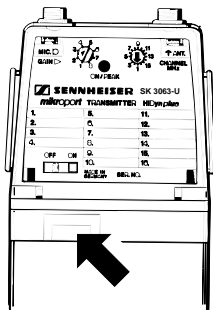
Using for the first time

B 50 / B 250 quick-change energy pack

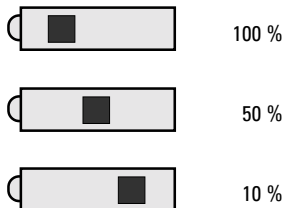
Insert the batteries as described on page 15, Fig. 2 and Fig. 3 (delivery includes power pack B 50).

After inserting the batteries, the cover of the quick-change energy pack is to be snapped into place. The LED display on the front side of the energy pack (fig. 1) serves as a battery control display.

FIG. 1



BATTERY CONTROL DISPLAY



STARTS BLINKING IF THE REMAINING OPERATING TIME FALLS BELOW 30 MIN.

FIG. 2

quick-change energy pack
B 50

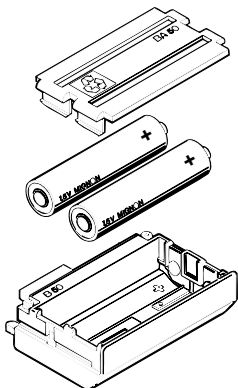
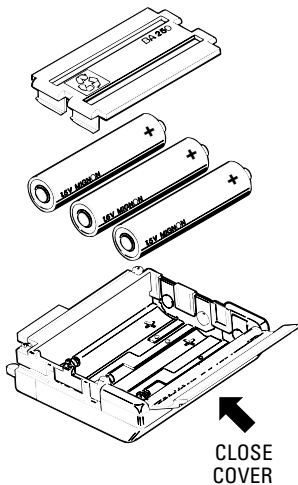


FIG. 3

quick-change energy pack
B 250



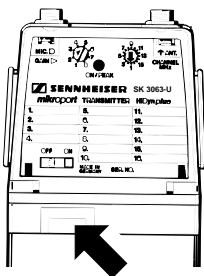
NOTE:

ALKALINE-MANGANESE LRC AA TYPE BATTERIES
ARE TO BE USED EXCLUSIVELY. PERFECT FUNCTIONING OF THE
TRANSMITTER IS GUARANTEED ONLY WITH THIS TYPE OF BATTERY.

BA 50 / BA 250 quick-change energy pack

The LC display on the front side of the energy pack (fig. 4) serves as a battery control display.

FIG. 4



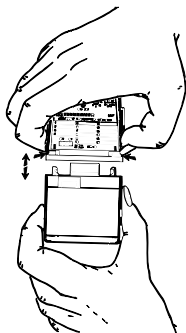
RECHARGEABLE BATTERY DISPLAY



STARTS BLINKING IF THE REMAINING OPERATING TIME FALLS BELOW 30 MIN.

In addition to the visual display on the quick-change energy pack, the transmitter communicates the status of the batteries or rechargeable batteries to the EM 3031/32-U / EM 3532-U for presentation on the receiver display.

FIG. 5



releasing the quick-change energie pack

Squeeze the catch with the thumb and index finger, and separate the transmitter from the quick-change energy pack.

To attach the quick-change energy pack, simply let the quick-change energy pack snap into the transmitter.

Channel selection

To select the appropriate channel or the appropriate frequency in accordance with the type plate, move the channel selector switch 2 to the desired position.

Switching the transmitter on

After attaching the quick-change energy pack, the transmitter is switched on by moving the operating switch 4 into the "ON" position. The red operation indicator 5 lights up. Should the operation indicator not light up, check the quick-change energy pack.

Sensitivity selector switch

The sensitivity selector switch 6 can be used to adapt the gain of the microphone input in 8 steps to the level of the sound expected. This setting is to be made in combination with a receiver which has a peak indicator available. The sensitivity is set correctly when the "peak" indicator 5 lights up during level peaks. The microphone is to be held or mounted in its position for later use when setting.

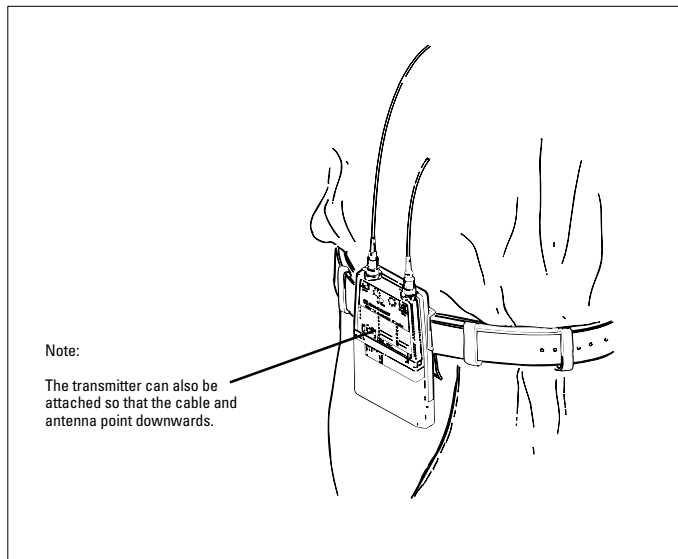
In practice, the following guide values have proven themselves for the adjustment of the sensitivity setting:

- Position 1,2 = Loud voices, songs, theatre
- Position 3,4,5 = Normal voices, talkshows, interviews
- Position 6,7 = Soft voices
- Position 8 = Use only for connection with a dynamic microphone !

Attachment of the body-pack transmitter

Its small dimensions and flat form make it possible to carry the transmitter easily in a jacket pocket or trousers pocket. The device is to be protected against falling out by a tight gripping clip with which the transmitter can also be attached to the waistband or to a belt. To attach the transmitter with the connections facing downwards, simply reverse the clips.

The transmitter pouch SK 50-T with Velcro closure (accessory) provides effective protection against moisture.



Technical Data

SK 3063-U

RF output power	typ. 30 mW
Transmission frequencies	16
Frequency range	450–960 MHz
Switching bandwidth	24 MHz
Frequency stability	± 5 ppm
Spurious and emissions	< 4 nW
Modulation	FM
Nominal / peak deviation	± 40 kHz / ± 56 kHz
Noise reduction system	Sennheiser HiDyn plus
Input sensitivity for peak deviation	13.2 mV - 1.55 V 8-position switch
Audio frequency range	50 Hz - 18 kHz
Dynamics	112 dB(A) eff.
THD	< 2 % (nominal dev. / 1 kHz)
Connections	AF: Lemo special (3-pin) RF: Lemo special coax
Dimensions with power pack	94 x 60 x 17 mm with B 50 / BA 50 116 x 60 x 17 mm with B 250 / BA 250
Weight with power pack	approx. 197 g with B 50 / BA 50 approx. 230 g with B 250 / BA 250
Operating time with primary cells	B 50: > 4.5 h B 250: > 9 h
Operating time with rechargeable battery	BA 50: > 3 h BA 250: > 5 h
Delivery includes	1 SK 3063-U body-pack transmitter 1 power pack B 50 1 marking set 1 antenna (aligned) 1 instruction for use

Errors and omissions excepted. Subject to alterations and corrections.

- ▶ Aktuelle Informationen zu Sennheiser-Produkten erhalten Sie auch im Internet unter „<http://www.sennheiser.com>“.
- ▶ For up-to-date information on Sennheiser products, you can also visit the Sennheiser Web site at “<http://www.sennheiser.com>”.
- ▶ Vous trouverez également toutes les informations actuelles relatives aux produits Sennheiser sur Internet à l’adresse Web “<http://www.sennheiser.com>”.
- ▶ Informazioni attuali sulla gamma di prodotti Sennheiser sono disponibili anche in Internet al sito „<http://www.sennheiser.com>“.
- ▶ También en Internet, bajo “<http://www.sennheiser.com>” obtendrá Vd. informaciones actuales sobre los productos Sennheiser.
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