

SKP 2000

Instruction manual

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Supplementary information can be found on the SKP 2000 product page on our website at www.sennheiser.com.

Important safety instructions

- · Read this instruction manual.
- Keep this instruction manual. Always include this instruction manual when passing the product on to third parties.
- Heed all warnings and follow all instructions in this instruction manual.
- Use only a cloth for cleaning the product.
- Do not place the product near any heat sources such as radiators, stoves, or other devices (including amplifiers) that produce heat.
- Only use attachments/accessories specified by Sennheiser.
- Refer all servicing to qualified service personnel.
 Servicing is required if the product has been damaged in any way, liquid
 has been spilled, objects have fallen inside, the product has been
 exposed to rain or moisture, does not operate properly or has been
 dropped.
- WARNING: To reduce the risk of short circuits, do not use the product near water and do not expose it to rain or moisture.

Replacement parts

When replacement parts are required, be sure the service technician uses replacement parts specified by Sennheiser or those having the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or other hazards.

Intended use

Intended use of the SKP 2000 plug-on transmitter includes:

- having read these instructions especially the chapter "Important safety instructions",
- using the product within the operating conditions and limitations described in this instruction manual.

"Improper use" means using the product other than as described in this instruction manual, or under operating conditions which differ from those described herein.

The SKP 2000 plug-on transmitter

This plug-on transmitter is part of the 2000 series. With this series, Sennheiser offers high-quality state-of-the-art RF transmission systems with a high level of operational reliability and ease of use. Transmitters and receivers permit wireless transmission with studio-quality sound.

Features of the 2000 series:

- · Optimized PLL synthesizer and microprocessor technology
- · HDX noise reduction system
- · Pilot tone squelch control
- · Switching bandwidth of up to 75 MHz
- Increased immunity to intermodulation and interferences in multi-channel operation

Areas of application

The plug-on transmitter can be combined with the EK 2000 portable receiver and the EM 2000 and EM 2050 rack-mount receivers. These receivers are available in the same UHF frequency ranges and are equipped with the same frequency bank system. This has the advantage that

- · a transmission system is ready for immediate use after switch-on,
- several transmission systems can be operated simultaneously on the preset frequencies without causing intermodulation interference.

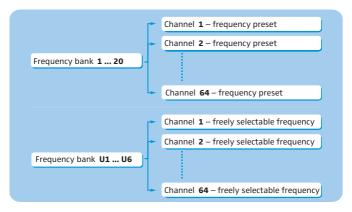
Transmitter	Combinable with	Receiver
SKP 2000	dynamic and condenser microphones We recommend using Sennheiser microphones.	EM 2000 receiver EM 2050 twin receiver

The frequency bank system

The plug-on transmitter is available in 5 UHF frequency ranges with up to 3,000 transmission frequencies per frequency range:



Each frequency range (Aw-Dw, Gw) offers 26 frequency banks with up to 64 channels each:



Each of the channels in the frequency banks "1" to "20" has been factorypreset to a fixed frequency (frequency preset). The factory-preset frequencies within one frequency bank are intermodulation-free. These frequencies cannot be changed.

For an overview of the frequency presets, please refer to the supplied frequency information sheet. Updated versions of the frequency information sheet can be downloaded from the SKP 2000 product page on our website at www.sennheiser.com.

The frequency banks "U1" to "U6" allow you to freely select and store frequencies. It might be that these frequencies are not intermodulation-free.

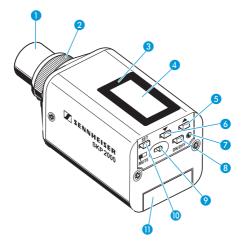
Delivery includes

The packaging contains the following items:

- 1 SKP 2000 plug-on transmitter
- 2 AA size batteries, 1.5 V
- 1 instruction manual
- 1 POP 1 pouch (with belt clip)
- 1 frequency information sheet
- 1 RF power information sheet

Product overview

Overview of the SKP 2000 plug-on transmitter



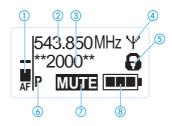
- Microphone input, XLR-3 socket Operation and battery status (female, unbalanced) indicator, red LED
- 2 Mechanical locking ring of XLR-3 socket
- Infra-red interface
- 4 Display panel, backlit in orange
- 6 UP button (▲)
- 6 DOWN button (▼)

- Operation and battery status indicator, red LED lit = ON flashing = LOW BATTERY
- 8 ON/OFF button with ESC function (cancel)
- 9 MUTE switch
- SET button
- Battery compartment cover

Overview of the displays

After switch-on, the plug-on transmitter displays the "Frequency/Name" standard display. For further illustrations and examples of the different standard displays, refer to page 14.

The display backlighting is automatically reduced after approx. 20 seconds.



Display	Meaning
① Audio level "AF"	Modulation of the plug-on transmitter with peak hold function
② Frequency	Current transmission frequency
③ Name	Freely selectable name of the transmitter
4 Transmission icon	RF signal is being transmitted
5 Lock mode icon	Lock mode is activated
6 "P" (pilot tone)	Pilot tone transmission is activated
⑦ "MUTE"	Microphone input is muted
Battery status	Charge status: approx. 100 % approx. 70 % approx. 30 % charge status is critical, the red LOW BATTERY LED ? is flashing:

Putting the plug-on transmitter into operation

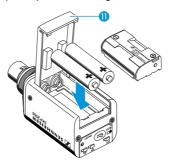
Inserting the batteries/accupack

For powering the plug-on transmitter, you can either use two 1.5 V AA size batteries or the rechargeable Sennheiser BA 2015 accupack (see "Accessories" on page 30).

► Slide the battery compartment cover ① in the direction of the embossed arrow and open the cover ①.



▶ Insert the two batteries or the accupack as shown below. Please observe correct polarity when inserting the batteries/accupack.



Close the battery compartment. The battery compartment cover 1 locks into place with an audible click.

Charging the accupack

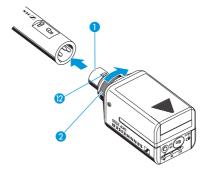
- Remove the BA 2015 accupack.
- ▶ Insert the BA 2015 accupack into the L 2015 charger (see "Accessories" on page 30).



The L 2015 charger can only charge the BA 2015 accupack. Standard batteries (primary cells) or individual rechargeable battery cells cannot be charged.

Plugging the plug-on transmitter onto a microphone

Plug the microphone's XLR-3M socket onto the transmitter's XLR-3F socket 1. Make sure that the latch 2 locks into place.



▶ Tighten the locking ring ② in the direction of the arrow.



The transmitter uses the microphone body as an antenna – therefore microphones with a metal casing should be used for best signal transmission.

Using the plug-on transmitter

To establish a transmission link, proceed as follows:

- 1. Switch the receiver on (see the instruction manual of the receiver).
- Switch the plug-on transmitter on (see next section). The transmission link is established and the diversity receiver's RF level display "RF" reacts.



It is vital to observe the notes on frequency selection on page 26.

If you cannot establish a transmission link between plug-on transmitter and receiver, read the chapter "Synchronizing the plug-on transmitter with a receiver" on page 26.

Switching the plug-on transmitter on/off



To switch the plug-on transmitter on (online operation):



Press the ON/OFF button 3.
The plug-on transmitter transmits an RF signal. The red ON LED 7 lights up and the "Frequency/Name" standard display appears on the display panel. The transmission icon 4 is displayed.

To switch the plug-on transmitter on and to deactivate the RF signal on switch-on (offline operation):



 Keep the ON/OFF button (3) pressed until "RF Mute On?" appears on the display panel.



Press the SET button.

The transmission frequency is displayed but the plug-on transmitter does not transmit an RF signal. The transmission icon (4) is not displayed.





Use this function to save battery power or to prepare a plug-on transmitter for use during live operation without causing interference to existing transmission links.

To activate the RF signal:

Press the ON/OFF button. "RF Mute Off?" appears on the display panel.



Press the SET button. The transmission icon (4) is displayed again.

To switch the plug-on transmitter off:

If necessary, deactivate the lock mode (see page 11).



ON/OFF
Keep the ON/OFF button 8 pressed until "OFF" appears on the display panel.

The red ON LED 7 goes off and the display panel turns off.



When in the operating menu, pressing the ON/OFF button 8 will cancel your entry (ESC function) and return you to the current standard display.

Deactivating the lock mode temporarily

You can activate or deactivate the automatic lock mode via the "Auto Lock" menu item (see page 21). If the lock mode is activated, you have to temporarily deactivate it In order to be able to operate the plug-on transmitter:

Press the SET button or the ON/OFF button. ON/OFF SET "Locked" appears on the display panel.



Press the UP button.

"Unlock?" appears on the display panel.



- Press the SET button.
 The lock mode is temporarily deactivated.
 - When you are in the operating menu, the lock mode remains deactivated until you exit the operating menu.
 - When one of the standard displays is shown, the lock mode is automatically activated after 10 seconds.

The lock mode icon (5) flashes prior to the lock mode being activated again.



Muting the audio signal or deactivating the RF signal



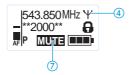
The MUTE switch allows you to mute the audio signal or to deactivate the RF signal. Via the "Mute Mode" menu item, you can set the desired function of the MUTE switch (see page 23).

Setting	Slide the MUTE switch 9	Function
"AF On/Off"	to the left (position MUTE)	Mutes the audio signal
	to the right	Unmutes the audio signal
"RF On/Off"	to the left (position MUTE)	Deactivates the RF signal (offline operation)
	to the right	Activates the RF signal (online operation)
"Disabled"	No function	

From the "Mute Mode" menu item, select the desired setting (see page 23).

- Exit the operating menu.
- Slide the MUTE switch 9 to the left, to the position MUTE. The plug-on transmitter reacts as indicated in the table.

The current state of the muting function or the RF signal is displayed on the display panel of the plug-on transmitter:



State	Transmitter's display panel
Audio signal is muted	"MUTE" (7) is displayed
Audio signal is activated (muting is canceled)	"MUTE" ⑦ is not displayed
RF signal is deactivated	"MUTE" ⑦ is displayed, transmission icon ④ is not displayed
RF signal is activated	"MUTE" ⑦ is not displayed, transmission icon ④ is displayed



You can also deactivate the RF signal on switch-on. For more information, refer to the chapter "Switching the plug-on transmitter on/off" on page 10.

Using the ON/OFF button, you can also activate/deactivate the RF signal during operation. To do so, briefly press the ON/OFF button and proceed as described on page 10.

Selecting a standard display

▼ ▲ Press the UP/DOWN button to select a standard display:

Contents of the display	Selectable standard display
543.850MHz Y **2000**	"Frequency/Name"
B.Ch: 19.31 Y 543.850MHz	"Channel/Frequency"
2000 Y B.Ch: 19.31 A AF P MUTE ***	"Name/Channel"

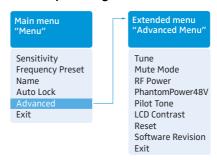
Using the operating menu

A special feature of the Sennheiser 2000 series is the consistent, intuitive menu structure of transmitters and receivers. As a result, adjustments to the settings can be made quickly – even in stressful situations, for example on stage or during a live show or presentation.

The buttons

Button	Function of the button
Press the ON/OFF button ON/OFF	 Switches the plug-on transmitter on and off Cancels the entry and returns to the current standard display (ESC function) Activates/deactivates the RF signal
Press the SET button	 Changes from the current standard display to the operating menu Calls up a menu item Enters a submenu Stores the settings and returns to the operating menu
Press the UP/DOWN button	Selects a standard displayChanges to the next/previous menu itemChanges the setting of a menu item

Overview of the operating menu



Display	Function of the menu item	Page
Main menu "Menu	i"	
Sensitivity	Adjusts the sensitivity "AF"	19
Frequency Preset	Sets the frequency bank and the channel	20
Name	Enters a freely selectable name	21
Auto Lock	Activates/deactivates the automatic lock mode	21
Advanced	Calls up the extended menu "Advanced Menu"	22
Exit	Exits the operating menu and returns to the current standard display	-
Extended menu "A	Advanced Menu"	
Tune	Sets the transmission frequencies for the frequency banks "U1" to "U6"	22
	Sets the frequency bank, the channel and the transmission frequency (frequency banks "U1" to "U6")	23
Mute Mode	Sets the mode for the MUTE switch	23
RF Power	Adjusts the transmission power	24
PhantomPower 48V	Activates/deactivates the phantom powering	24
Pilot Tone	Activates/deactivates the pilot tone transmission	25
LCD Contrast	Adjusts the contrast of the display panel	25
Reset	Resets the settings made in the operating menu	25
Software Revision	Displays the current software revision	25
Exit	Exits the extended menu "Advanced Menu" and returns to the main menu	-

Working with the operating menu



If the lock mode is activated, you have to deactivate it In order to be able to work with the operating menu (see page 11).

By way of example of the "Sensitivity" menu, this section describes how to use the operating menu.

Changing from a standard display to the operating menu



Press the SET button. The current standard display is replaced by the main menu. The last selected menu item is displayed.

Selecting a menu item

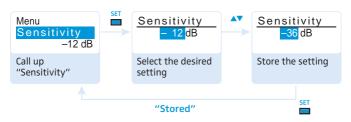


Press the UP/DOWN button to change to the "Sensitivity" menu item.

The current setting of the menu item is displayed:



Changing and storing settings





Press the SET button to call up the menu item.



 Press the UP/DOWN button button to adjust the input sensitivity.



Press the SET button to store the setting.

Using the operating menu

Canceling an entry



Press the ON/OFF button to cancel the entry. The current standard display appears on the display panel.

To subsequently return to the last edited menu item:



Press the SET button repeatedly until the last edited menu item appears.

Exiting a menu item



Change to the "Exit" menu item.





Confirm your selection. You return to the next higher menu level or you exit the operating menu and return to the current standard display.

To directly return to the current standard display:



Press the ON/OFF button.

Adjusting settings via the operating menu



Make use of the possibility to adjust settings via the operating menu of your receiver and to transfer these settings to the plugon transmitter.



For more information, refer to the instruction manual of the receiver. The relevant information is marked with the sync icon.

The main menu "Menu"

Adjusting the input sensitivity – "Sensitivity"



Adjustment range: 0 to -48 dB, adjustable in steps of 6 dB



The audio level display "AF" ① always indicates the audio level, even if the plug-on transmitter is muted, e.g. allowing you to check the adjusted sensitivity before live operation.



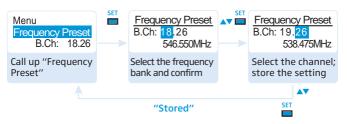
Input sensitivity adjusted	Effect/display
too high	Close talking distances, speakers with loud voices or loud music passages cause overmodulation in the transmission link. The audio level display "AF" 1 shows full deflection for the duration of the overmodulation.

Input sensitivity adjusted	Effect/display
correctly	The audio level display "AF" \bigcirc shows full deflection only during the loudest passages.
too low	The transmission link is undermodulated. This results in a signal with high background noise.



Adjust a low input sensitivity when using condenser microphones, adjust a high input sensitivity when using dynamic microphones.

Selecting the frequency bank and the channel manually – "Frequency Preset"





When you are in the "Frequency Preset" menu item, the RF signal is deactivated.

Overview of the frequency banks and channels:

Frequency bank	Channels	Туре
"1" to "20"	up to 64 per frequency bank	System bank: frequencies are factory-preset
"U1" to "U6"	up to 64 per frequency bank	User bank: frequencies are freely selectable



When setting up multi-channel systems, please observe the following:

Only the factory-preset frequencies within one frequency bank ("1" to "20") are intermodulation-free. It is vital to observe the notes on frequency selection on page 26.

Entering a name - "Name"



Via the "Name" menu item, you can enter a freely selectable name (e.g. the name of the performer) for the plug-on transmitter. The name can be displayed on the "Frequency/Name" and "Name/Channel" standard displays (see page 14). The name can consist of up to 8 characters such as:

- · letters (without pronounciation marks),
- numbers from 0 to 9,
- · special characters and spaces.

To enter a name, proceed as follows:

- ▼▲ ► Press the UP/DOWN button to select a character.
 - Press the SET button to change to the next segment/ character or to store the complete entry.

Activating/deactivating the automatic lock mode – "Auto Lock"



The lock mode prevents that the plug-on transmitter is accidentally switched off or programed during operation. The lock mode icon (5) (6) on the current standard display indicates that the lock mode is activated.

▼▲ ▶ Press the UP/DOWN button to select the desired setting.

For information on how to use the lock mode, refer to page 11.

The extended menu "Advanced Menu"

Setting the transmission frequencies for the frequency banks "U1" to "U6" – "Tune"



When you have selected one of the system banks and then select the "Tune" menu, the plug-on transmitter automatically switches to channel 1 of the frequency bank "U1". In this case, "U1.1" briefly appears on the display panel.

Upon delivery, the channels of the frequency banks "U1" to "U6" are not assigned a transmission frequency.

When you are in the "Tune" menu item, the RF signal is deactivated

Via the "Tune" menu item, you can:

- set a transmission frequency to be stored in the current channel of the frequency bank ("U1" to "U6")
- or select a frequency bank ("U1" to "U6") and a channel and assign this channel a transmission frequency.



It is vital to observe the notes on frequency selection on page 26.

Setting a transmission frequency for the current channel

▼▲ Press the UP/DOWN button until the "Tune" menu item appears.

Press the SET button.
The frequency selection appears.



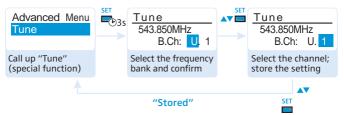
Set the desired frequency.

Press the SET button.
Your settings are stor

Your settings are stored. The "Tune" menu item appears.

Selecting a frequency bank and a channel and assigning this channel a transmission frequency

- ▼ ▲ ► Press the UP/DOWN button until the "Tune" menu item appears.
- Keep the SET button pressed until the frequency bank selection appears.



- Set the desired frequency bank and the desired channel.
 - Press the SET button.
 The frequency selection appears.
- Set the desired frequency.

Setting the mode for the MUTE switch – "Mute Mode"



Mode	Function
"AF On/Off"	When the switch is in the MUTE position, no audio signal is transmitted.
"RF On/Off"	When the switch is in the MUTE position, the RF signal is deactivated.
"Disabled"	The muting function is deactivated.

For information on how to use the MUTE switch (9), refer to page 12.

Adjusting the transmission power - "RF Power"



Via the "RF Power" menu item, you can adjust the transmission power in three steps ("Low", "Standard" and "High").



It is vital to observe the notes on the enclosed frequency information sheet!

Activating/deactivating the phantom powering – "PhantomPower 48V"



Via the "PhantomPower 48V" menu item, you can activate or deactivate the 48V phantom powering for condenser microphones.

Activating/deactivating the pilot tone transmission – "Pilot Tone"

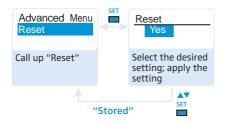


The plug-on transmitter adds an inaudible pilot tone to the audio signal. The receiver detects and evaluates the pilot tone, and is thus able to identify the signal of the matching transmitter and mute all others. The pilot tone supports the receiver's squelch function.

Adjusting the contrast of the display panel - "LCD Contrast"

You can adjust the contrast of the display panel in 16 steps.

Resetting the settings made in the operating menu - "Reset"



When resetting the settings made in the operating menu, only the selected settings for the pilot tone and for the frequency banks "U1" to "U6" remain unchanged. For an overview of the factory-preset default settings, refer to the enclosed frequency information sheet.

Displaying the software revision - "Software Revision"

You can display the current software revision of the plug-on transmitter.

 For information on software updates, visit the SKP 2000 product page at www.sennheiser.com.

Synchronizing the plug-on transmitter with a receiver

When synchronizing the plug-on transmitter with a receiver, please observe the following:



- Only use a plug-on transmitter and a receiver from the same frequency range (see the type plates on the transmitter and the receiver).
- Make sure that the desired frequencies are listed in the enclosed frequency information sheet.
- Make sure that the desired frequencies are approved and legal in your country and, if necessary, apply for an operating license.

Synchronizing the plug-on transmitter with the receiver – individual operation

Upon delivery, the plug-on transmitter and the receiver are synchronized with each other. If, however, you cannot establish a transmission link between plug-on transmitter and receiver, you have to synchronize the channels of the devices.

For information on automatic synchronization of the plug-on transmitter with the receiver (individual operation), refer to the instruction manual of the receiver. This information is marked with the synthetic information in the plug-on transmitter with the synthetic information in the plug-on transmitter with the receiver.

Alternatively, you can set the channel on the plug-on transmitter manually:

Make sure that you set the plug-on transmitter to the same frequency bank and the same channel as the receiver (see page 20).

If you still cannot establish a transmission link, refer to the chapter "If a problem occurs ..." on page 29.

Synchronizing plug-on transmitters with receivers – multi-channel operation

Combined with 2000 series receivers, 2000 series plug-on transmitters can form transmission links that can be used in multi-channel systems.

For information on automatic synchronization of plug-on transmitters with receivers (multi-channel operation), refer to the instruction manual of your receiver.

For more information on multi-channel operation, visit the SKP 2000 product page at www.sennheiser.com.

Cleaning the plug-on transmitter

CAUTION!

Liquids can damage the electronics of the plug-on transmitter!

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

- Keep all liquids away from the plug-on transmitter.
- Do not use any solvents or cleansing agents.
- Use a cloth to clean the plug-on transmitter from time to time.

Recommendations and tips

... for the plug-on transmitter

 For best results, make sure that the transmitter sensitivity is correctly adjusted.

... for optimum reception

- Transmission range depends to a large extent on location and can vary from about 10 m to about 150 m. There should be a "free line of sight" between plug-on transmitter and receiving antennas.
- To avoid overloading the receiver, observe a minimum distance of 5 m between plug-on transmitter and receiving antennas.
- The plug-on transmitter uses the microphone body as an antenna therefore microphones with a metal casing should be used for best signal transmission.

... for multi-channel operation

- When operating a multi-channel system, you should only use the channels within one frequency bank. Each of the frequency banks "1" to "20" accommodates factory-preset frequencies which are intermodulation-free.
- When using several transmitters simultaneously, interference can be avoided by maintaining a minimum distance of 20 cm between two transmitters.

If a problem occurs ...

Problem	Possible cause	Possible solution
Plug-on transmitter cannot be operated, "Locked" appears on the display panel	Lock mode is activated	Deactivate the lock mode (see page 11).
No operation indication	Batteries are flat or accupack is flat	Replace the batteries or recharge the accupack (see page 9).
No RF signal at the receiver	Plug-on transmitter and receiver are not on the same channel	Set the plug-on transmitter to the same channel as the receiver.
		Synchronize the plug-on transmitter with the receiver (see page 26).
	Transmission range is exceeded	Reduce the distance between plug-on transmitter and receiving antennas.
	RF signal is deactivated ("RF Mute")	Activate the RF signal (see page 12).
RF signal available, no audio signal, "MUTE" appears on the display panel	Plug-on transmitter is muted (MUTE)	Cancel the muting (see page 12).
	Receiver's squelch threshold is adjusted too high	Reduce the squelch threshold setting on the receiver.
	Plug-on transmitter doesn't transmit a pilot tone	Activate the pilot tone transmission on the transmitter (see page 25).
Audio signal has a high level of background noise or is distorted	Plug-on transmitter's sensitivity is adjusted too low/ too high	Adjust the input sensitivity (see page 19).

Accessories

If a problem occurs that is not listed in the above table or if the problem cannot be solved with the proposed solutions, please contact your local Sennheiser partner for assistance. To find a Sennheiser partner in your country, search at www.sennheiser.com under "Service & Support".

Accessories

The following SKP 2000 accessories are available from your specialist dealer:

Cat. No. Accessory

009950 BA 2015 accupack 009828 L 2015 charger

005232 POP 1 pouch (with belt clip)

Specifications

RF characteristics

Modulation	wideband FM
ויוטטטומנוטוו	Wideballu Firi

Frequency ranges 516–558, 558–626, 626–698, 718–790,

790-865 MHz

(Aw to Dw, Gw, see page 4)

Transmission frequencies up to 3,000 frequencies, tuneable in steps

of 25 kHz

20 frequency banks, each with up to 64

factory-preset channels

6 frequency banks, each with up to 64

user programmable channels

Switching bandwidth up to 75 MHz

Nominal/peak deviation ±24 kHz/±48 kHz

Frequency stability $\leq \pm 15 \text{ ppm}$

RF output power at 50 Ω switchable:

typ. 10 mW ("Low") typ. 30 mW ("Standard")

typ. 50 mW ("High")

Pilot tone squelch can be switched off

AF characteristics

Compander system Sennheiser HDX

AF frequency response 80–18,000 Hz

Signal-to-noise ratio ≥ 120 dBA (1 mV, peak deviation)

THD \leq 0.9 %

 ${\rm Max.\,input\,voltage} \qquad \qquad {\rm 6}\,\,{\rm V_{rms}}$

Input impedance $6 \text{ k}\Omega, \text{ balanced}$

Adjustment range of input 48 dB, adjustable in steps of 6 dB

sensitivity

Overall device

Temperature range

Power supply

Nominal voltage

Power consumption:

at nominal voltage

 with switched-off plug-on transmitter

Operating time

Dimensions

Weight (incl. batteries)

- 10 °C to + 55 °C

2 AA size batteries, 1.5 V or BA 2015 accupack

2.4 V - - -

typ. 210 mA (30 mW RF, w/o P48)

≤ 25 µA

typ. 7 hrs (30 mW RF, w/o P48)

approx. 105 mm x 43 mm x 43 mm

approx. 195 g

In compliance with

Europe:

(€

EMC

EN 301489-1/-9

Radio

EN 300422-1/-2

Safety EN 60065 EN 62311 (SAR)

Approved by

Canada:

Industry Canada RSS 123

IC: 2099A-SKP2000 limited to 806 MHz

USA:

FCC-Part 74

FCC-ID: DMOSKP2000

limited to 698 MHz

Pin assignment of the XLR-3 socket

XLR-3 socket (female), balanced (Audio In)



Manufacturer Declarations

Warranty

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

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

In compliance with the following requirements

- RoHS Directive (2002/95/EC)
- WEEE Directive (2002/96/EC)



Please dispose of the plug-on transmitter at the end of its operational lifetime by taking it to your local collection point or recycling center for such equipment.

Battery Directive (2006/66/EC)



The supplied batteries or rechargeable batteries can be recycled. Please dispose of them as special waste or return them to your specialist dealer. In order to protect the environment, only dispose of exhausted batteries.

CE Declaration of Conformity

- C€ 0682 ①
- R&TTE Directive (1999/5/EC) The declarations are available at www.sennheiser.com. Before putting the device into operation, please observe the respective country-specific regulations.

Statements regarding FCC and Industry Canada

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. 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

Manufacturer Declarations

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 made to this equipment not expressly approved by Sennheiser electronic Corp. may void the FCC authorization to operate this equipment.

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

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