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You can read the recommendations in the user guide, the technical guide or the installation guide for SENNHEISER SKP 500 G2. You'll find the answers to all your questions on the SENNHEISER SKP 500 G2 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SENNHEISER SKP 500 G2
User guide SENNHEISER SKP 500 G2
Operating instructions SENNHEISER SKP 500 G2
Instructions for use SENNHEISER SKP 500 G2
Instruction manual SENNHEISER SKP 500 G2

 SENNHEISER

SKP 500 G2

Instructions for use



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Manual abstract:

.....
.....
.....
.....
.....
.....
.....
.....

..... 5 Delivery includes ...

.....
.....
.....
.....
.....
.....

... 5 Areas of application ..

.....
.....
.....
.....
.....
.....
.....
.....

.... 6 The operating controls

.....
.....
.....
.....
.....
.....
.....

..... 7 Indications and displays

.....
.....
.....
.....
.....
.....

... 8 Preparing the plug-on transmitter for use

.....
.....

. 10 Inserting and replacing the batteries

.....

.. 10 Plugging the plug-on transmitter onto a microphone ...

.....
.....

.....
.....
.....
.....

.... 11 Using the plug-on transmitter

.....
.....
.....
.....

..... Switching the plug-on transmitter on/off.

.....
.....

..... Muting the plug-on transmitter ...

.....
.....
.....
.....

.. Activating/deactivating the lock mode

.....
.....

..... The operating menu

.....
.....
.....
.....

.....
.....
.....

..... The buttons ...

.....
.....
.....
.....

.....
.....
.....
.....

..... Overview of menus ..

.....
.....
.....

.....
.....
.....
.....

..... Working with the operating menu

.....
.....
.....

..... Operating menu of the plug-on transmitter ...

.....

.....
.....
.....
..... 24 Error checklist

.....
.....
.....
.....
.....
.....
.....
..... 24 Recommendations and tips

.....
.....
.....
.....
..... 25 Care and maintenance

.....
.....
.....
.....
.....
.....
.....

..... 25 Specifications

.....
.....
.....

.....
.....
.....
.....

.....
.....

..... 26 Accessories .

.....
.....
.....
.....

.....
.....
.....
.....

..... 27 Manufacturer declarations ...

.....
.....
.....

.....
.....
.....

..... Warranty regulations ..

.....

.....
.....
.....

.. CE Declaration of Conformity

.....
.....
.....
.....

... Batteries or rechargeable batteries

.....
.....
.....

... WEEE Declaration

.....
.....
.....
.....
.....
.....

.... 28 28 28 28 28 3 The SKP 500 G2 plug-on transmitter The SKP 500 G2 plug-on transmitter is part of the evolution wireless series ew 500 G2. 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. The excellent transmission reliability of the ew 500 G2 series is based on the use of further optimized PLL synthesizer and microprocessor technology, the HDX noise reduction system, and the pilot tone squelch control. The channel bank system The plug-on transmitter is available in five UHF frequency ranges with 1440 transmission frequencies per frequency range. Please note: Frequency usage is different for each country.

Your Sennheiser agent will have all the necessary details on the available legal frequencies for your area. Range A: Range B: Range C: Range D: Range E: 518 to 554 MHz 626 to 662 MHz 740 to 776 MHz 786 to 822 MHz 830 to 866 MHz The plug-on transmitter has nine channel banks with up to 20 switchable channels each. channel 1 channel 2 channel bank 1...

8 preset frequency preset frequency channel 20 preset frequency channel 1 channel 2 channel bank U freely selectable frequency freely selectable frequency channel 20 freely selectable frequency Each of the channels in the channel banks "1" to "8" has been factory-preset to a transmission frequency (see enclosed frequency table). These transmission frequencies cannot be changed but have been preset so that e.g. country-specific regulations on frequency usage are taken into account. The channel bank "U" (user bank) allows you to store your selection out of 1440 transmission frequencies that are freely selectable within the preset frequency range.

4 Safety instructions Never open an electronic unit! If units are opened by customers in breach of this instruction, the warranty becomes null and void. Use the unit in dry rooms only. Use a damp cloth for cleaning the unit. Do not use any cleansing agents or solvents. Delivery includes The packaging contains the following items: 1 SKP 500 G2 plug-on transmitter 2 batteries Instructions for use 1 POP 1 Plug-on pouch Suitable microphones (to be ordered separately) for the plug-on transmitter: Dynamic microphones Condenser microphones with internal power supply Condenser microphones with 48 V phantom powering

5 Areas of application The plug-on transmitter can be combined with receivers of the ew 500 G2 series (EM 500 G2 rack-mount receiver or EK 500 G2 bodypack receiver). The receivers are available in the same five UHF frequency ranges and are equipped with the same channel bank system with factory-preset frequencies. An advantage of the factory-preset frequencies is 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. Together with a matching receiver and a microphone, the plug-on transmitter is suitable for the following areas of application: Transmitter Receiver (to be ordered separately) EM 500 G2 Area of application Presentation Speech Vocals Presentation Speech Vocals Cameramounted applications SKP 500 G2 EK 500 G2 6 The operating controls 3 · » ζ ° 2 ¶ ° ¾ μ ³ Microphone input, XLR-3F socket (unbalanced) · Mechanical locking ring of XLR-3 socket » LC display ζ SET button ° ² button (DOWN) button (UP) ¶ Red LED for operation and battery status indication (ON/LOW BAT) ° ON/OFF button (serves as the ESC (cancel) key in the operating menu) ¾ Battery compartment cover μ MUTE switch 7 Indications and displays LC display panel Alphanumeric display "B.CH" appears when the channel bank and the channel number are displayed "MHz" appears when the frequency is displayed 4-step battery status display Lock mode icon (lock mode is activated) "PILOT" display (pilot tone transmission is activated) "MUTE" display (audio input is muted) 7-step level display for audio signal "AF"

Operation and battery status indication The red LED (LOW BAT/ON) ¶ provides information on the current operating state of the plug-on transmitter: ¶ Red LED lit up: The plug-on transmitter is switched on and the capacity of the batteries/ BA 2015 accupack is sufficient. The batteries are/the BA 2015 accupack is going flat (LOW BAT)! Red LED flashing: In addition, the 4-step battery status display on the display panel provides information on the remaining battery/BA 2015 accupack capacity: 3 segments: 2 segments: 1 segment: capacity approx.

100 % capacity approx. 70 % capacity approx. 30 % Battery icon flashing: LOW BAT 8 "MUTE" display The "MUTE" display appears on the display panel when the plug-on transmitter is muted (see "Muting the plug-on transmitter" on page 12). Modulation display The level display for audio signal "AF" modulation of the plug-on transmitter. shows the When the audio input level is excessively high, the level display for audio signal "AF" shows full deflection for the duration of the overmodulation. "PILOT" display The "PILOT" display appears on the display panel when the pilot tone transmission is activated (see

"Activating/ deactivating the pilot tone transmission" on page 22). Display backlighting After pressing a button, the display remains backlit for approx.



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OFF". If you confirm your selection by pressing the SET button, the buttons can be operated as usual. Exiting the operating menu EXIT Via the "EXIT" menu, you can exit the operating menu and return to the standard display.

23 Troubleshooting Error checklist Problem No operation indication Possible cause Batteries are flat or accupack is flat Possible solution Replace the batteries or recharge the accupack Set transmitter and receiver to the same channel No RF signal Transmitter and receiver are not on the same channel Transmitter is out of Check the squelch range threshold setting or reduce the distance between transmitter and receiving antenna RF signal available, no audio signal, "MUTE" display appears on the display panel Audio signal has a high level of background noise Transmitter is muted Deactivate the (MUTE) muting function Reduce the squelch Receiver's squelch threshold is adjusted threshold too high Transmitter doesn't transmit a pilot tone Transmitter sensitivity is adjusted too low Activate the pilot tone transmission See "Adjusting the sensitivity" on page 20 Receiver's AF output Increase the audio level is adjusted too output level low See "Adjusting the sensitivity" on page 20 Audio signal Transmitter is distorted sensitivity is adjusted too high Receiver's AF output Reduce the AF level is adjusted too output level high If problems occur that are not listed in the above table or if the problems cannot be solved with the proposed solutions, please contact your local Sennheiser agent for assistance. 24 Recommendations and tips ... for the plug-on transmitter Use microphones with a metal casing, since the transmitter uses the microphone body as an antenna.

You can vary the bass reproduction by increasing/ decreasing the talking distance. 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 transmitting and receiving antennas. To avoid overmodulating the receiver, observe a minimum distance of 5 m between transmitting and receiving antennas. ..

. for multi-channel operation For multi-channel operation, you can only use the channels in a channel bank. Each of the channel banks "1" to "8" accommodates up to 20 factory-preset frequencies which are intermodulation-free. For alternative frequency combinations, please refer to the enclosed frequency table. The freely selectable frequencies can be selected via the "TUNE" menu and can be stored in the channel bank "U". When using several transmitters simultaneously, interference can be avoided by maintaining a minimum distance of 20 cm between two transmitters. Care and maintenance Use a slightly damp cloth to clean the transmitter from time to time. @@@@ batteries) Sennheiser HDX 4018,000 Hz 110 dB(A) 0.9 % 2.8 Vrms (unbalanced) 2 AA size batteries, 1.

5 V or BA 2015 accupack 2.4 V 48 V ± 4 V (at 2 mA) 170 mA 290 mA 250 A >8 h >5 h >8h >5h 10 °C to +55 °C 105 x 43 x 43 approx. 195 g 26 Accessories BA 2015 L 2015 POP 1 CC 2 Accupack Charger for BA 2015 accupack Plug-on pouch Carrying case for ew 500 G2 system 27 Manufacturer declarations Warranty regulations The guarantee period for this Sennheiser product is 24 months from the date of purchase. Excluded are accessory items, rechargeable or disposable batteries that are delivered with the product; due to their characteristics these products have a shorter service life that is principally dependent on the individual frequency of use. The guarantee period starts from the date of original purchase.

For this reason, we recommend that the sales receipt be retained as proof of purchase. Without this proof (which is checked by the responsible Sennheiser service partner) you will not be reimbursed for any repairs that are carried out. Depending on our choice, guarantee service comprises, free of charge, the removal of material and manufacturing defects through repair or replacement of either individual parts or the entire device. Inappropriate usage (e.g. operating faults, mechanical damages, incorrect operating voltage), wear and tear, force majeure and defects which were known at the time of purchase are excluded from guarantee claims. The guarantee is void if the product is manipulated by non-authorized persons or repair stations. In the case of a claim under the terms of this guarantee, send the device, including accessories and sales receipt, to the responsible service partner. To minimise the risk of transport damage, we recommend that the original packaging is used. Your legal rights against the seller, resulting from the contract of sale, are not affected by this guarantee. The guarantee can be claimed in all countries outside the U.S. provided that no national law limits our terms of guarantee. CE Declaration of Conformity This equipment is in compliance with the essential requirements and other relevant provisions of Directives 1999/5/EC, 89/336/EC or 73/23/EC. The declaration is available on the internet site at www.

sennheiser.com. Before putting the device into operation, please observe the respective country-specific regulations! Batteries or rechargeable batteries 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. WEEE Declaration Your Sennheiser product was developed and manufactured with highquality materials and components which can be recycled and/ or reused. This symbol indicates that electrical and electronic equipment must be disposed of separately from normal waste at the end of its operational lifetime. Please dispose of this product by bringing it to your local collection point or recycling centre for such equipment. This will help to protect the environment in which we all live. 28 Sennheiser electronic GmbH & Co.

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