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You can read the recommendations in the user guide, the technical guide or the installation guide for SENNHEISER SET 840 S. You'll find the answers to all your questions on the SENNHEISER SET 840 S in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual SENNHEISER SET 840 S
User guide SENNHEISER SET 840 S
Operating instructions SENNHEISER SET 840 S
Instructions for use SENNHEISER SET 840 S
Instruction manual SENNHEISER SET 840 S



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... 36 1 Safety instructions Safety instructions · Please read this instruction manual carefully and completely before using the products. Make this instruction manual easily accessible to all users at all times. Always include this instruction manual when passing the products on to third parties. Do not use the products in situations which require special attention (e.g. when performing skilled jobs). Always keep the products dry and do not expose them to extreme temperatures.

Use the products with care and set them up in a clean, dust-free environment. Varnish or furniture polish may degrade the feet of the transmitter, which could stain your furniture. You should therefore place the transmitter on a non-slip pad to avoid potential staining of furniture. This receiver allows you to set higher volumes than conventional receivers to which headphones can be connected. This can cause hearing damage in persons with healthy hearing and especially in children. Refer all servicing to qualified service personnel. Servicing is required if the products have been damaged in any way, liquid has been spilled, objects have fallen inside, the products have been exposed to rain or moisture, do not operate properly or have been dropped. WARNING: To reduce the risk of fire or electric shock, do not expose the products to rain or moisture. Use only the supplied mains unit. Disconnect the mains connector from the wall socket to completely disconnect the products from the mains, during lightning storms or when unused for long periods of time.

Ensure that the mains unit is always readily operable and easily accessible, properly plugged into the wall socket, not covered or exposed to direct sunlight for longer periods of time in order to prevent heat accumulation, only operated within the permissible temperature range (see "Specifications" on page 32), not operated near heat sources. 2 Safety instructions Intended use Intended use includes · having read this instruction manual, especially the chapter "Safety instructions" on page 2, · using the products within the operating conditions and limitations described in this instruction manual. "Improper use" means using the products other than as described in this instruction manual, or under operating conditions which differ from those described herein.

Safety instructions for the Lithium-Polymer rechargeable battery The BA 300 is a Lithium-Polymer rechargeable battery. If abused or misused, this rechargeable battery may be damaged.

Please understand that Sennheiser does not accept liability for damage arising from abuse or misuse. WARNING! In extreme cases, the rechargeable battery may even present a · heat hazard, · fire hazard, · explosion hazard, · smoke and gas hazard. Do not heat above 70°C/ 158°F, e.g. do not expose to sunlight or throw into a fire.

When not using the rechargeable battery for extended periods of time, charge it regularly (every 6 months for about 1 hour). Only charge rechargeable batteries at ambient temperatures between 10°C/50°F and 40°C/104°F. Do not charge the rechargeable battery if the device is obviously defective. Do not expose to moisture. Only charge rechargeable batteries with the appropriate Sennheiser chargers. Return defective devices or exhausted rechargeable batteries to your specialist dealer. Do not short-circuit. Do not mutilate or dismantle. Store the devices/ rechargeable batteries in a cool and dry place at room temperature. 3 Delivery includes Delivery includes The Set 840 S system is available as an EU and a US version.

The following table shows which items are included with the respective version. Components of the Set 840 S system 1 RR 840 S receiver with BA 300 Lithium-Polymer rechargeable battery 1 TI 840 transmitter with integrated charging compartments 1 NT 13 mains unit with 2 country adapters (EU, UK) 1 country adapter (US) 1 connection cable with two 3.5 mm stereo jack plugs for connection to a headphone socket audio adapter (3.5 mm to ¼" (6.3 mm) jack plug) audio adapter for RCA socket (e.g. TB/Aux-Out) audio adapter for SCART socket MKE 800 TV-N microphone EZT 3011 induction loop lanyard clip for attaching the receiver instruction manual installation manual EU US 1 1 1 1 1 1 1 1 4 Product overview Product overview The overview pictures of the receiver and the transmitter can be found on the inside front cover of this instruction manual. I Receiver 1 2 3 4 5 Channel indicator Volume control On/off button Balance control Socket for headphones, induction loop or connection cable to hearing aid 6 Channel search button 7 Battery compartment II Transmitter 8 Charging compartment for receiver 9 Charging compartment for optional spare 0 A B C D E F G H I rechargeable battery Charging indicator for optional spare rechargeable battery Charging indicator for receiver's rechargeable battery Operation indicator "Speech intelligibility" button Indicator for the selected speech intelligibility Socket (marked blue) for connection of sound source or external microphone ST/MO slide switch (stereo/mono) Treble adjustment control Channel selector switch DC socket (marked yellow) for connection of mains unit 5 Putting the Set 840 S system into operation Putting the Set 840 S system into operation Setting up the transmitter Choose a suitable place near your sound source (e.g. TV).

Do not place the transmitter close to metal objects such as shelf bars, reinforced concrete walls, etc. as this can decrease the transmitter's range. It is not necessary that the transmitter and receiver are in the same room, so you can move around freely in the home or outside in the garden. When the receiver leaves the range of the transmitter, it produces warning signals and then automatically switches off after 3 minutes.



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Meaning The receiver does not receive any signal from the transmitter: · The distance between transmitter and receiver is too great. The receiver switches off after 3 minutes. · The transmitter is switched off. The rechargeable battery is almost flat. 3 descending beeps 1 acknowledgement beep Warning signal 6 short beeps 2 long beeps 24 Cleaning the Set 840 S system To switch the acoustic signals on and off: Press the channel search button 6 on the receiver for approx. 5 seconds. You hear a short acoustic signal. Warning signals cannot be switched off. 6 Cleaning the Set 840 S system Cleaning the transmitter and the receiver CAUTION! Danger of electric shock and damage to the device electronics! Liquids entering the housing of the devices can cause a short-circuit and damage the electronics.

Keep all liquids far away from the devices. Do not use any cleansing agents or solvents. Before cleaning, disconnect the transmitter from the mains. Use only a slightly damp cloth to clean the devices. 25 If a problem occurs ... If a problem occurs ...

The transmitter does not switch on Possible cause Solution Is the mains unit Check the connection of the mains connected correctly? unit to the transmitter and to the mains (see page 11). Is the sound source Switch your sound source on. switched on? Is the volume of Set the volume on your sound the sound source source to a medium level. sufficient? You cannot hear anything Possible cause Is the transmitter placed close to metal objects? Solution Choose a different place for the transmitter. Make sure that the transmitter is not placed close to metal objects.

Are all connectors Check the connection between the connected correctly? transmitter and your sound source (see page 7). Is the operation indicator B lit? Is the volume of the sound source sufficient? Is the volume of the receiver sufficient? Is the rechargeable battery inserted properly into the receiver and fully charged? Check if the transmitter is switched on (see page 15). Set the volume on your sound source to a medium level. Increase the volume by turning the volume control 2 (see page 16). Remove the rechargeable battery and reinsert it into the receiver.

If this doesn't help: recharge the rechargeable battery (see page 20). 26 If a problem occurs ... You hear the sound only with one ear Possible cause Is the balance adjusted correctly? Is the transmitter set to mono? Solution Turn the balance control 4 to the left or right (see page 18). Set the ST/MO switch F on the transmitter to mono (MO) (see page 18). The sound of your sound source is hardly intelligible Possible cause Is the speech intelligibility enhancement out of adjustment? Is there another transmitter operating in the proximity? Is the receiver still within the transmitter's range? Solution Press the "speech intelligibility" button C on the transmitter repeatedly until the sound is optimally adjusted to your needs (see page 19). Change the transmission channel (see page 17). Move the receiver closer to the transmitter. The loudspeakers of your TV are muted Possible cause Some TVs have a function that mutes the loudspeakers when you connect a transmitter Solution Via the operating menu of your TV, check if and how the muting can be deactivated.

Use a different audio socket on your TV or use the MKE 800 TV-N external microphone. If a problem occurs that is not listed in the above tables or if the problem cannot be solved with the proposed solutions, please contact your Sennheiser partner for assistance. 27 Additional technical information Additional technical information Fine adjusting the speech intelligibility The speech intelligibility can be enhanced individually on the transmitter (see page 19). There are the following settings: Indicator D lit Fine adjustment yellow No fine adjustment made Setting Default setting 1 Compression 2 Treble boost 3 Compression and treble boost Compression (settings 1 and 3) Deterioration of the ability to hear quiet sounds as well as loud ones is a typical symptom of old age. Compression compensates for these volume differences by boosting the volume of quiet sounds and reducing the volume of loud sounds if necessary. Compression seems to put the speech in the foreground, making it easier to understand. Compression is self-regulating; once it has been activated, it is not necessary to make any other settings. Treble boost (settings 2 and 3) Another typical age-related phenomenon is the deterioration of the hearing with regard to high frequencies. However, high frequencies are important for the intelligibility of speech. The treble boost makes the speech clearer and easier to understand.

With the treble boost (settings 2 and 3), additional fine adjustment is possible using the treble boost control G at the rear of the transmitter. 28 Additional technical information Use a screwdriver to turn the treble boost control G to the left or right until the sound can be heard very well. The position "0" corresponds to a minimum boost, the position "MAX" corresponds to a maximum boost, and the control is factory-preset to the medium position. Function of the treble boost control By means of the transmitter's steplessly adjustable treble boost control G, the audio signal is boosted as shown in the diagram. The treble boost control G allows you to select one of the curves shown in the diagram below.

dB G 20 "MAX" 10 Factory preset "0" 0.1 1 10 kHz 29 Accessories and spare parts Accessories and spare parts CAUTION! Danger of damage to the device! Components from other manufacturers (e.g. for power supply or rechargeable battery) may cause damage to the device and will invalidate the warranty. Use only original Sennheiser accessories and spare parts.

For the Set 840 S, the following receivers and stethoset receivers are available from your specialist dealer: Cat. No. 502026 502025 502014 502027 Accessory/spare part EU version RR 840 S receiver RR 840 stethoset receiver US version RR 840 S receiver RR 840 stethoset receiver 30 Accessories and spare parts The following Set 840 S accessories are available from your specialist dealer: Cat. No. 500898 502566 504061 003448 528185 528184 517627 500974 502710 Accessory/spare part BA 300 spare rechargeable battery EZT 3011 induction loop EZT 3012 induction loop EZI 120 induction couplers Lanyard Clip for attaching the receiver Extension cable, 3 m (3.5 stereo jack plug) MKE 800 TV-N external microphone (mono) L 300 10-10 charger HZL connection cables HZL 30-6 (3.5 mm jack plug to 1 mini-plug, 40 cm) HZL 30-600 (3.5 mm jack plug to 1 mini-plug, 60 cm) HZL 32-6 (3.5 mm jack plug to 2 mini-plugs, 40 cm) HZL 32-600 (3.5 mm jack plug to 2 mini-plugs, 60 cm) HZL 34-6E (3.

5 mm jack plug to 1 Euro plug, 40 cm) HZL 34-600E (3.5 mm jack plug to 1 Euro plug, 60 cm) HZL 36-6E (3.5 mm jack plug to 2 Euro plugs, 40 cm) HZL 36-600E (3.



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5 mm jack plug to 2 Euro plugs, 60 cm) 001676 004658 001678 004657 002408 004652 002409 004653 31 Specifications Specifications System Modulation Carrier frequencies EU version US version Frequency response THD Charging time for rechargeable battery Signal-to-noise ratio (1 mV, peak deviation) Operating temperature Transmitter RF radiated power EU version US version Range EU version US version Audio/microphone connection Power supply Max. power consumption (transmitter in conjunction with the NT 13 mains unit) Max. current consumption Standby consumption Weight Dimensions FM, stereo 863.3/864.0/864.7 MHz 925.95/926.

8/927.5 MHz 50 Hz 16,000 Hz < 1% approx. 3 hours typ. 70 dB (A) 10°C to 40°C max. 10 mW (EIRP) max.

@@@ @0.9 W (w/o battery charging) approx. 260 g approx. @ @50 g (with BA 300) approx. @@ Approved by Canada: USA: Industry Canada RSS 210 IC: 2099A-SET840 FCC 47 CFR Part 15C FCC-ID: DMOSET840 Transmitters that operate in the 863 - 865 MHz frequency range can be used licence-free in the following countries: AT, BA, BE, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, TR, UA.

The NT 13 mains unit is certified in accordance with the legal safety requirements of Europe, the United States, Canada, China and Russia. 34 Manufacturer Declarations 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 website 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 devices at the end of their operational lifetime by taking them 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 · 0682 · R&TTE Directive (1999/5/EC) · EMC Directive (2004/108/EC) · Low Voltage Directive (2006/95/EC) The declaration is available at www.sennheiser.com. Before putting the devices into operation, please observe the respective country-specific regulations. 35 Manufacturer Declarations Statements regarding FCC and Industry Canada This equipment 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 equipment may not cause harmful interference, and (2) this equipment 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 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 equipment 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 equipment into operation, please observe the respective country-specific regulations! 36 Index Index Receiver Adjusting the balance 18 Adjusting the volume 16 Attaching the receiver to clothing 14 Automatic channel search 17 Channel indicator (meaning) 22 Cleaning 25 No sound signal 26 Operating elements 5 Operating time 20 Reception is subject to interference 17 Searching for a sound source 17 Sound is hardly intelligible 27 Sound is only audible with one ear 27 Storing and charging the receiver 20 Switching the acoustic signals off 25 Switching the receiver on/off 16 Rechargeable battery Replacing and charging the rechargeable battery 21 Special functions Fine adjusting the speech intelligibility 28 Treble boost control 29 Terms Compression/treble boost 28 Mono/stereo 19 Transmitter Changing the channel 17 Cleaning 25 Connection to a headphone socket 8 Connection to a SCART socket 9 Connection to a sound source 7 Connection to an RCA socket 8 Connection to the mains 11 Enhancing the speech intelligibility 19 Installation 6 Operating elements 5 Operation indicator (meaning) 22 Switching between mono and stereo operation 18 Switching the transmitter on/off 15 Troubleshooting 26 Using the MKE 800 TV-N external microphone 9 Versions EU version 7 US version 7 37 Sennheiser electronic GmbH & Co. KG Am Labor 1, 30900 Wedemark, Germany www.sennheiser.com Printed in China Publ. 06/09 528281/A01 .



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