

nuPro SP-200 / SP-500

Active Loudspeaker



Device approval and conformity with EC directives

Nubert electronic GmbH hereby declares that this product complies with the 2014/53/EU directives, provided that it is installed and used in accordance with the manufacturer's instructions. The full text of the EU Declaration of Conformity is available at the following Internet address:

<https://www.nubert.de/konformitaetserklaerungen/716/>

- Do not change the serial number on the speaker. It is part of the operating approval.
- If the loudspeaker is repaired or modified by workshops or other third parties not authorized by Nubert, it loses its operating license.
- Only accessories and devices may be connected which in turn comply with all legal requirements and are approved.
- The loudspeaker may only be used for the applications specified in the „Intended Use“ section.

Intended use

This speaker is designed exclusively for sound reproduction in dry rooms. Use the speaker only as described in this manual. Any other use (particularly safety-relevant or medical use, installation in open environment like IP-certified products) is considered improper and may result in property damage or even personal injury. Nubert electronic GmbH does not assume any liability for damages caused by improper use.

Safety instructions

The entire operating manual, in particular the safety instructions, must be read in full before connecting and commissioning the device. For your own safety, be sure to follow all warnings and safety instructions in this manual and on the speaker. The user is not permitted to carry out any work on the loudspeaker other than the described work. Keep this document so that you have access to it at all times. Furthermore, it must also be handed over to possible re-owners.

Trademarks

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Dolby Audio

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Bluetooth®

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Safety instructions Technical data Warranty terms

Key to the symbols

The triangle symbol with exclamation mark (without additional comment) indicates important instructions for commissioning, operation and maintenance of the device.

The term **Caution!** next to the triangle symbol indicates a medium risk. Failure to observe this warning may result in property damage.

The term **Danger!** next to the triangle symbol indicates a high risk. Failure to observe this warning may result in death or personal injury

This symbol indicates that you must read and observe the operating instructions and the safety and warning notices in order to operate the device.

This symbol (triangle with lightning) warns of dangerous voltages inside the enclosure and of hazards due to electric shock.

This symbol indicates that the device complies with electrical protection class 2 and therefore does not require earthing.

Devices with this symbol may only be used in a dry indoor environment.

Equipment marked with this symbol must not be disposed of with household waste. Refer to the *Disposal and Battery Return* section at the end of this manual.

General information

Never operate the loudspeaker unattended!

Danger of electric shock!

To avoid the risk of electric shock, the speaker may not be opened by the user. There are no user-serviceable parts inside the speaker.

Service work and repairs are reserved for qualified specialists authorized by Nubert. If you need service, please contact Nubert electronic GmbH directly (info@nubert.de)

Danger of suffocation!

Never let children use or play with the speaker, remote control or packaging unattended. There is a risk that children will get caught in the packaging film and suffocate. Make sure that children cannot remove any small parts from the devices! These parts, like the remote control battery, could be swallowed and cause suffocation. In case of swallowing any parts, contact a doctor immediately!

Danger of injury or damage!

When moving the speaker, take care to avoid injury and damage!

Caution!

Since the speaker can only be completely disconnected from the mains at the mains input on the rear of the unit or by pulling the mains plug from the socket, it must be positioned so that you have free access to the mains input or mains plug. If any of the following situations occurs, the loudspeaker must be switched off immediately and disconnected from the mains. Contact Nubert electronic GmbH (info@nubert.de) immediately!

- The speaker has been damaged or has fallen down.
- Power cord or plug is damaged
- Objects or liquid have gotten into the loudspeaker
- The speaker has been exposed to excessive moisture or rain.
- The speaker does not work properly or exhibits a significant reduction in performance.
- The loudspeaker smells burnt, develops smoke or makes unusual noises.

Only use accessories recommended by Nubert!

Installation instructions

⚠ Caution!

- An unstable location can damage the speaker.
- Only place the loudspeaker on a flat, stable surface and make sure that it cannot be knocked over!
- Also make sure that no unintentional pulling can occur on the cables to avoid knocking over the speaker or damaging the connection sockets!
- Keep strong mechanical shocks away from the loudspeaker!

⚠ Caution!

- Excessive heat build-up inside the unit can shorten its service life or lead to fire.
- Never cover the back of the speaker! Make sure that there is a clearance of at least 10 cm and sufficient air circulation in the back area!
 - Do not operate the speaker and remote control near heat sources such as radiators or stoves!
 - Do not expose the speaker and remote control to direct sunlight.
 - Never place burning candles or similar open fire sources on the loudspeaker!

⚠ Danger of explosion!

- Installation in unsuitable locations can cause explosions.
Do not use the speaker or remote control
- in environments where there is a risk of fire or explosion!
 - at extremely low or extremely high temperatures!
 - near flammable gases or vapours!
 - near strong dust!
 - near flammable materials!

⚠ Danger of electric shock!

- The loudspeaker carries mains voltage and voltages higher than 35 V AC or DC inside. It has no special protection against the intrusion of liquids or objects into the system. There is therefore a risk of lethal electric shock.
- Never touch the speaker with wet hands!
 - Only use the speaker in a dry place!
 - Do not operate it outdoors or in damp rooms!
 - The loudspeaker must be protected from liquids of all kinds, including dripping and splashing water.
 - Do not place any containers containing liquids (e.g. flower vases) on the speaker or in the immediate vicinity!
 - If the loudspeaker is moved from a cold environment to a warm room, condensation may form inside the unit. Wait at least six hours until the loudspeaker has reached room temperature and is dry before switching it on!
 - No objects of any kind may get into the device.
 - Should the loudspeaker come into contact with liquids or should objects have gotten inside, please unplug the mains plug immediately and contact Nubert electronic GmbH (info@nubert.de)!

⚠ Danger of injury or damage!

- For speakers with threaded bushings on the underside:**
The threaded bushings may be used for upright mounting of the loudspeaker on suitable base plates or feet only. The threaded bushings on the underside of the loudspeaker enclosures are not designed for tensile loads and must therefore not be used as holders for hooks or similar devices in order to suspend the loudspeaker cabinet. A falling speaker may cause serious injury and damage.

Connection instructions

⚠ General connection instructions

- Disconnect the mains plug before changing any wiring on the system!
- Make sure that all connections have been made correctly and that all plugs are firmly seated in the sockets before connecting the speaker to the mains.
- Use only the intended cables or plug connections for the connections! Failure to do so may result in damage or malfunction.
- If you want to disconnect connections on the loudspeaker, always pull the plug, never the cable!
- Ensure that all plugs are firmly seated in the sockets!
- Only use cables and accessories recommended by Nubert!

⚠ Danger of electric shock!

- Faulty mains supply systems or excessive mains voltage can lead to electric shocks.
- All power supply or antenna systems connected to the loudspeaker must comply with all applicable laws and regulations and be professionally installed by an approved installation company.

- Use only the appropriate power cord to connect the speaker. Do not modify the power cord or its plug.
- Make sure that the mains voltage at your location matches the requirements of the loudspeaker! The correct power supply can be found on the label on the back of the speaker. It must not be connected to other power supplies.
- Devices of Class 1 construction must be connected to the mains power socket outlet with a protective earth connection. Make sure that the installation of the protective earth is carried out correctly!
- When laying the power cables, make sure that they cannot be damaged (e.g. by heating or mechanical stress)! Pay particular attention to the areas of the connectors and distributors!

⚠ Caution!

- Overvoltage in the power supply system (e.g. due to lightning) can damage or destroy the device and power supply unit.
- An overvoltage protection element can provide a certain degree of protection against excessively high voltages in the power grid.
 - However, the greatest possible protection against damage can only be achieved with the complete separation from the mains supply. In case of thunderstorms or danger of lightning strikes, disconnect the mains cable from the socket and any antenna plugs from your hi-fi system!
 - If the speaker is not used for a long period of time or is unattended, the power supply should be disconnected. Disconnect the mains plug from the socket!

Remote control and battery

This product comes with a remote control and a battery. The following must be observed when handling remote controls and batteries:

- ⚠ If the batteries are discharged, the range of the remote control will decrease significantly. If this happens, replace the batteries immediately. Always use high-quality CR2025 lithium button cells as replacement batteries. Make sure that the polarity is correct when inserting the battery into the battery compartment!

⚠ Caution!

- Improper handling can lead to material damage.
- Do not drop the remote control!
 - Do not expose the remote control and battery to water or other liquids!
 - Do not operate or store the remote control and battery in locations with high-humidity or particularly high or low temperature!

⚠ Danger!

- Leaking or exploding batteries can pose a health hazard and cause damage to goods.
- If you do not use the device for a long time or if the batteries are depleted, remove the batteries from the remote control to prevent discharge, leakage of acid or explosions.
 - Leaking batteries must be replaced immediately.
 - If you find a leaking battery, do not touch the leaking material and dispose of the batteries immediately!
 - Do not touch leaking batteries!
 - Should your skin, eyes or mouth come into contact with the leaking material, clean the affected area immediately with water and contact a doctor!

⚠ Danger! Do not ingest battery, chemical burn hazard!

- Ingestion of batteries can cause severe internal burns and death within a short time span.
- Ensure that batteries do not get into your body by any means, in particular that they cannot be swallowed!
 - Keep new and used batteries away from children.
 - If the battery compartment does not close securely, stop using the product and keep it away from children.
 - If you think that batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention!



Equipment marked with this symbol must not be disposed of with household waste. Refer to the *Disposal and Battery Return* section at the end of this manual.

Care and cleaning tips



Caution!

- Improper handling of the speaker may result in damage.
- Always unplug the speaker before cleaning it!
- Before recommissioning, make sure that all connections are correct, that there are no short circuits and that the speaker is completely dry.
- Never use strong cleaning agents or solvents such as petrol, spirit or similar!

Enclosure

We recommend commercial window cleaner sprayed onto a cotton cloth. This allows almost all fingerprints and dust to be easily removed. Alternatively, you can also use window active foam.

We advise against the use of microfibre cloths! These can cause mini scratches in the surface.

Diaphragms and Speaker Chassis

To remove dust from a loudspeaker chassis, a lint-free cotton cloth is sufficient to wipe the membrane lightly with very little pressure.

Unpacking and Scope of Delivery

Unpacking

When unpacking your speaker, do not use sharp or pointed objects to avoid possible damage to the enclosure. Please keep the packaging in a safe place in case you need to transport the speaker at a later date.

Scope of delivery

If the delivery is complete, it contains the following parts:

- 2 nuPro SP active loudspeakers (1 active master speaker, 1 passive client speaker)
- 2 Cloth grilles
- 2 Out-rigger feet with mounting kit (only SP-500)
- 1 Remote control with battery
- 1 Mains cable, 3 m
- 1 Master-Client loudspeaker interconnect cable (3 m for SP-200, 5 m for SP-500)
- 1 Fibre optic cable with TOS-Link plugs, 1.5 m
- 1 Stereo 3.5 mm jack to cinch cable, 1.5 m
- 1 High Speed HDMI Cable with Ethernet, 1.5 m

Auto power off

The nuPro SP loudspeakers can switch to the stand-by mode (< 0.5 Watt) via an automatic power off function. The behaviour depends on the chosen input. If either Bluetooth or AUX is selected, the loudspeaker switches to standby mode after a maximum of 20 minutes without audio input. With the digital inputs COAX or OPTICAL, the auto-off circuit also reacts directly to the absence of a digital data stream and thus allows for a faster switch-off. The playback device must deactivate the data stream accordingly. When switched to the HDMI eARC input, the auto off circuit reacts directly to the appropriate CEC command, transmitted from the TV system. Note: The auto power off feature can be enabled or disabled by pressing and holding the remote control's wide button for 7 seconds within 15 seconds of power on. The LED ring flashes once to confirm that the standby automatic is deactivated. The LED ring flashes three times to confirm that the function has been (re-)activated.

Auto power on

The electronics of the nuPro SP loudspeakers have an automatic switch-on function, that automatically wakes them from stand-by mode as soon as a sound signal or data stream is present. The signal must be applied to the input that was selected during the automatic switch-off process.

- However, this function is not available for Bluetooth devices.
- At the other inputs, Auto power on is only active if the speakers are set to standby mode by the Auto power off function. If standby mode has been set manually by pressing the button on/off on the remote control or by a three second-long press of the dial on the front of the speaker, the automatic switch-on function is deactivated.

Service

If you have any questions or problems during the commissioning of your Nubert system, please do not hesitate to contact our service team:

Phone: +49 7171 8712-0 (international) · E-mail: info@nubert.de

Please have your customer number ready!

Technical Data nuPro SP-200/SP-500

Drivers	SP-200	2x tweeters with fabric dome (25 mm) 2x mid/bass driver with polypropylene composite cone (148 mm)
	SP-500	2x tweeters with fabric dome (25 mm) 6x mid/bass driver with polypropylene composite cone (148 mm)
Power of built-in amplifiers	SP-200	2x 20 W + 2x 40 W (rated power) 2x 30 W + 2x 60 W (maximum power)
	SP-500	2x 20 W + 2x 60 W (rated power) 2x 30 W + 2x 90 W (maximum power)
Frequency response	SP-200	46 – 22.000 Hz @ - 3 dB
	SP-500	33 – 22.000 Hz @ - 3 dB
Input sensitivity		0.3 Veff
Max. Input		3.0 Veff
Standby power consumption		< 0.5 W
Radio frequency bands and Radio transmitting power		2402 – 2480 MHz 7.9 dBm / 6.2 mW
Bluetooth standard		5.0
Bluetooth codecs		SBC, AAC, aptX, aptX HD, aptX Low Latency
HDMI standard		2.1 (eARC)
Digital signal formats		PCM, Dolby Digital (AC-3), DTS Digital Surround
Dimensions	SP-200	H: 33.0 / 33.3 cm W: 18.5 cm D: 22.0 / 23.7 cm (without / with rubber pads & front cover)
	SP-500	H: 100.0 / 103.2 cm W: 18.5 / 27.3 cm D: 22.0 / 30.6 cm (without / with outrigger feet)
Weight	SP-200	5.9 / 5.5 kg (master / client speaker)
	SP-500	17.6 / 17.2 kg (master / client speaker)
Ambient temperature		5° C – 35° C

Warranty terms

Your provider and contractual partner:

Nubert electronic GmbH, Goethestr. 69, 73525 Schwäbisch Gmünd, Germany
Phone: +49 7171 8712-0 · Fax: +49 7171 8712-345 · E-Mail: info@nubert.de

For questions and individual advice, please dial our special number:
+49 7171 8712-0

Managing Directors: Günther Nubert, Bernd Jung · Register court AG Ulm, HRB 700296
Tax ID No.: DE 16758584 · WEEE Reg. No. DE 48888173

Our hotline is available from:
Monday to Friday from 10:00-18:00 and Saturdays from 9:00-13:00.

nuPro SP-200/SP-500
10/2021

Nubert warrants the Nubert product described in this manual to the purchaser under the following terms and conditions.

The purchaser's statutory warranty claims, in particular for subsequent performance and, if applicable, damages in the event of defects, shall remain unrestrictedly with the purchaser and shall be fully available to our customers.

1. The warranty period for the Nubert product and its electronic components described in this manual is 2 years from the date of delivery.

Your proof of purchase is the proof of guarantee.

2. Contents of the warranty claim

The guarantee applies to all parts and labour costs from delivery. It includes and is limited to the free repair or replacement of the defective part in the event of a material defect in the goods (e.g. Material defect or manufacturing defect). In addition, Nubert shall bear the costs of the return shipment of the affected product from or to the curb in the case of justified warranty claims, provided that the goods are within the countries of the European Union and the shipment was previously agreed with Nubert. Additional services are possible as a gesture of goodwill in accordance with Nubert's free discretion. For the duration of the guarantee, it is assumed that the material defect was already present at the time of transfer of risk. Replaced parts become the property of Nubert. Warranty services do not extend the warranty period, nor do they set a new warranty period in motion. The warranty period for installed spare parts ends with the warranty period for the entire device. The promise or the execution of warranty services is made without recognition of a performance obligation according to statutory warranty law.

3. The warranty claim does not apply in the case of

- repair attempts of any kind not previously agreed upon with Nubert
- improper operating environment or improper storage (e.g. damage due to moisture or particularly high or low temperatures)
- improper transport packaging (the original transport packaging, correctly used, provides sufficient protection)
- improper transport, if the transport was not previously agreed upon with Nubert (Nubert organizes the transport for you with Nubert selected Transport company. You will receive return tickets with the corresponding postage paid returns).
- improper mechanical effects on the goods (e.g. on housing, switches, connection sockets or antennas)
- improper operation, improper mounting (e.g. switches, antennas) or improper connection (e.g. operation on defective or unsuitable amplifiers or other source devices with DC voltage or unusually high hum voltage at the source device output).

4. Disassembled components

Do not disassemble any components from our equipment and do not send in any such individual parts until you have contacted Nubert Service and agreed on this measure.

5. What to do in the event of a warranty claim

If possible, pack the defective device in its original carton with a copy of the purchase receipt and a meaningful description of the defect. Please note our shipping instructions. Please contact the Nubert team for a return or refund:

- Telephone: +49 7171 8712-0 • Fax: +49 7171 8712-345 • E-mail: info@nubert.de

Of course, you can also return your defective product to the Nubert Service in Schwäbisch Gmünd:
Nubert electronic GmbH, Goethestr. 69, D-73525 Schwäbisch Gmünd, Germany.

Shipping information: We recommend that you always keep the original carton, along with the protective foam inserts. Tip: Folding saves space! This is the only way to ensure a safe return shipment in the worst-case scenario. If, in exceptional cases, you use a different packaging, it should protect professionally against the typical dangers of shipping and have special protective cushions or equivalent protective devices. We would like to draw your attention to the fact that we accept no liability for damage caused by improper packaging for which you are responsible!

Disposal and battery return

Environmental protection: Ingredients, e.g. chemical pollutants in old appliances, can damage the environment and health if stored improperly, in particular if they are not shatterproof or disposed of properly by persons not authorised to do so. Especially in the case of illegal exports, there is no guarantee that the environment and human health will be protected from damage. Old appliances can also contain recyclable raw materials, old appliances can be repaired or parts can be reused and thus considerably protect the environment. Old appliances must therefore not be disposed of with normal household waste or exported illegally. As an end user, you are legally obliged to return or properly dispose of electrical equipment.

Batteries:

Ingredients, e.g. chemical type of batteries, can damage the environment and health if not stored and disposed of properly. At the same time, recyclable raw materials may also be included. Batteries must therefore not be disposed of with normal household waste. As an end user, you are legally obliged to return used batteries. You can return batteries after use to the seller or in the designated collection points (e.g. in public collection points in your municipality or in the trade) free of charge or send them back free of charge. You can also send the batteries back to the seller free of charge by post, whereby any requirements of the dangerous goods law must be observed. The sale at points of sale is limited to the quantities customary for end users for disposal as well as used batteries which the distributor carries or has carried in its product range.

• Battery return

The symbol with the crossed-out dustbin reminds you not to put batteries in the household waste.

Under this symbol you can also find the following symbols with the following meaning about ingredients:

Pb = battery contains more than 0.004 mass percent lead, Cd = battery contains more than 0.002 mass percent cadmium,

Hg = battery contains more than 0.0005 mass percent mercury.

• Old appliances

Electrical and electronic equipment is also marked with the crossed-out wheelie bin symbol. The symbol indicates that you, as the owner of this appliance, may not dispose of it with your household waste (grey bin, yellow bin, organic waste bin, paper or glass).

You can send the device to the municipal collection points to be collected separately from unsorted municipal waste for reuse. Used batteries and accumulators which are not enclosed by the waste equipment shall be separated from it at a collection point prior to delivery.

Old appliances can also be returned to us directly in our shops or shipped back to us for disposal. Please send an Email to info@nubert.de for a free return shipping label. You can also request this by calling +49 7171 8712-0. Please then send the old device to the following address:

Nubert electronic GmbH, Goethestr. 69, D-73525 Schwäbisch Gmünd, Germany.

Please ensure that the old appliance is properly packaged for shipment so that breakage is avoided as far as possible and mechanical compaction or breakage can be ruled out. The acceptance of waste equipment may be refused if there is a risk to human health and safety due to contamination.

Please note: You are responsible for the deletion of personal data on the waste equipment to be disposed of.



As of: 26.7.2019

Technical changes, errors and misprints excepted. You will find our General Terms and Conditions (AGB) on our website: www.nubert.de/agb.htm

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