

Quick Start Guide

This quick start guide contains important information on the safe operation of the product. Read and follow the safety advice and instructions given. Retain the quick start guide for future reference. If you pass the product on to others please include this quick start guide.

Safety instructions

Intended use

This device is used to convert acoustic signals into electrical signals as well as their wireless transmission. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

Danger for children



Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts from the product. They could swallow the pieces and choke! Never let children unattended use electrical devices.

Danger to life by distraction



Using earphones or headphones may divert your attention from the environment. Ambient noise may not be audible. Do not use the device in road traffic or when operating machinery.

Possible hearing damage



With headset connected, the device can produce volume levels that may cause temporary or permanent hearing impairment. Do not operate the device permanently at a high volume level. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment.

Notes on wireless transmission

This device utilizes frequencies that are not harmonized within the European Union (EU) and therefore may only be used in certain EU member states. In all European countries, the frequencies used for the transmission of audio signals are strictly regulated. Before you start, make sure the frequencies are allowed in the respective country and check whether the operation must be reported to the appropriate authority. For more information, please visit: <http://www.thomann.de>.

- Make sure that transmitter and receiver are both tuned to the same channel.
- Never set multiple transmitters to the same channel.
- Make sure that there are no metal objects between the transmitter and receiver.
- Avoid interference from other radio or in-ear systems.

Incorrect handling of lithium batteries can result in injury

- In the event of a short circuit, overheating or mechanical damage, lithium batteries can cause severe injuries.
- When handled correctly and appropriately lithium batteries pose no risk.
- Store lithium batteries in a cool, dry place, ideally in the original packaging.

- Store lithium batteries away from heat sources (e.g. radiators or sunlight). Lithium batteries are hermetically sealed. Never attempt to open a lithium battery.
- If the battery housing is damaged small amounts of the electrolyte may leak out. If this should happen, seal the lithium battery in airtight packaging and wipe up the traces of electrolyte using absorbent paper towels. You must wear protective rubber gloves when doing so. Clean your hands and the affected surface thoroughly with cold water.
- Never attempt to recharge non-rechargeable lithium batteries. When charging lithium batteries you must use a suitable charging device intended for the purpose.
- Before disposing of the device remove the lithium batteries. Protect used lithium batteries against potential short circuits, e.g. by covering the poles with adhesive tape.
- Only use powder extinguishers or other suitable extinguishing agents to extinguish a burning lithium battery.

Possible damage to lithium-ion batteries through incorrect storage

By deep discharge, lithium-ion batteries can be permanently damaged or lose some of their capacity.

Before long breaks, charge the batteries to around 50 % of their capacity and then switch off the device. Store the device at room temperature or cooler in an environment as dry as possible. If the batteries are stored for a longer period, recharge them to 50 % every three months.

Fully charge the batteries only shortly before use at room temperature.

Electromagnetic compatibility with other electrical equipment

Using the device near radios or TV sets may cause interference. Then increase the distance between the devices.

Where to use the product

Never use the product

- in direct sunlight
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet
- near magnetic fields

General handling

- To prevent damage, never use force when operating the switches and controls.
- Never immerse the appliance in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

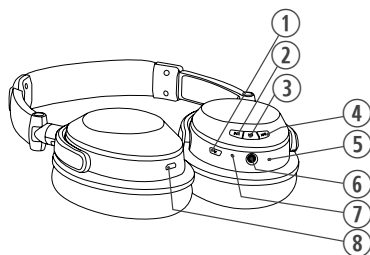
Keep foreign substances from the unit!

Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.

Features

- Active noise cancellation
- Wireless connection to mobile phone or the like via Bluetooth®
- Audio file playback and making phone calls via Bluetooth®
- Over-ear
- Adjusting via variable headband
- Built-in rechargeable lithium-ion battery
- Charging via supplied micro USB cable
- Supported profiles: HSP V1.6, HFP V1.5, A2DP V1.0, AVRCP V1.4

Operating elements



1. Turning active noise cancellation on and off
2. Increase volume / skip to next track
3. Turning the device on and off / accepting and ending calls / redialling / starting and pausing playback
4. Decrease volume / skip to previous track
5. Microphone
6. 3.5 mm mini jack input
7. Control LED
8. Micro USB socket

Using the device

1. To charge the built-in battery, connect the micro USB port (8) to a powered-on computer or another USB charging source using the supplied USB cable. During charging, the LED lights red. After the end of the max. 3-hour charging process, the LED turns off.
2. For tethered data transfer, connect the player to socket (6) on the device using the supplied mini jack cable. Using this socket disables the wireless transmission.
3. For the initial wireless connection to a player via Bluetooth® (A2DP profile), the two devices must first be paired as follows:
 - Turn on the headset with button (3). Press and hold button (3) for three seconds to activate the Bluetooth® function. The LED flashes blue.
 - Turn on the player and activate the Bluetooth® function there. If the device was previously paired with another device, this device must now be turned off or out of range.
 - Have the player search for Bluetooth® devices and select 'HD2000NC' from the device list for connection.
 - After successful connection, the LED lights up constantly blue. A later reconnection of the two devices will be established automatically.
4. Put on the headphones and adjust the variable headband so that the two ear cups sit directly over your ears.
5. If the device is connected to a mobile phone, you can make calls as usual. To call the last number again, press the (3) key twice in rapid succession. You can accept an incoming call by briefly pressing the (3) key. Hold the button (3) for about 1.5 seconds to reject the call. You can end a call by briefly pressing the button (3).
6. On wireless connection, you can start or pause playback of an audio file selected on the player using the ►|| button (3). Briefly press one of the ◀◀ / ▶▶ buttons (2) / (4) to decrease or increase the volume. Keep these buttons pressed to skip to the previous or next file.
7. The active noise cancelling function can be turned on or off, regardless of the transmission mode, by holding down the (1) key. When activated, the LED lights green.
8. If the battery voltage drops below 3.3 V, two warning tones sound every 60 seconds. If the battery voltage drops below 3.1 V, a warning tone sounds. If it drops below 3 V, the device switches off automatically and must be charged.



Technical specifications

Sensitivity driver	97 dB ± 3 dB	
Sensitivity microphone	−42 dB	
Driver diameter	40 mm	
Input impedance	32 Ω	
Frequency response driver	20 Hz - 20 kHz	
Noise cancellation	up to 20 - 25 dB @ 100 - 1000 Hz	
Power supply	via USB port, 5 V = 300 mA	
Bluetooth®	Frequency of operation	2.400 GHz ... 2.4835 GHz
	Max. transmission power	10 mW
	Standard	Version 5.0
	Transmission range	10 m

Battery	Type	Lithium ions battery
	Voltage	3.7 V
Weight	Capacity	300 mAh
	Operating time	6 h
	Standby time	200 h
	Charging time	3 h
	180 g	
Ambient conditions	Temperature range	0 °C ... 40 °C
	Relative humidity	20 % ... 80 % (non-condensing)



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.



Batteries must not be thrown away or incinerated; they must be disposed of in accordance with local regulations for the disposal of hazardous waste. Use the existing collection points for this. Dispose lithium batteries only in discharged condition. Remove replaceable lithium batteries from the device before disposal. Protect used lithium batteries from short circuits, for example by covering the poles with adhesive tape. Permanently installed lithium batteries must be disposed of together with the device. Please inquire about a suitable acceptance point.



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.