

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 for the wireless transmission of audio signals. 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 (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let unattended children use electrical devices.

Notes on wireless transmission

The system works in the frequency range 5.729 GHz... 5.820 GHz and is free of charge and registration worldwide.

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.

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.

Electromagnetic compatibility other electrical equipment

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

Keep foreign substances from the unit!

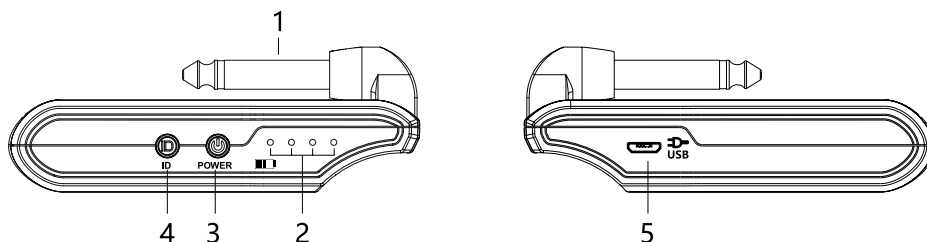
Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.

Features

- Digital wireless system suitable for most instruments with a 1/4" jack socket
- Plug-n-play transmitter and receiver
- Built-in rechargeable 450 mAh lithium battery
- LED display for battery status, ID status and pairing status
- Rotatable 225° angled jack plug for various positions
- Supplied duo-pin USB cable for easy charging
- Not compatible with active electric guitar pickups

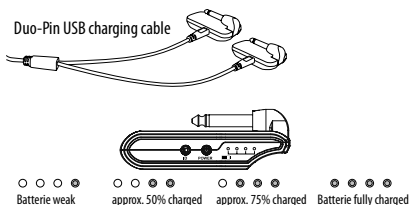
Operating elements

- 1 1/4" jack plug
- 2 LED display
- 3 POWER - on / off switch
- 4 ID - channel switch
- 5 USB port



Using the product

1. To avoid interference, do not operate the device near other wireless devices, such as WiFi routers or the like.
2. Fully charge the batteries in transmitter (black) and receiver (white) prior to initial use using the Duo-pin USB charging cable. When the device is switched off, the LEDs indicate the loading progress.



When the device is switched on, the LEDs light up to indicate the charging process. To maintain the charge capacity, the batteries must be recharged every 3 months even when not in use. If a low battery is displayed, there will be approximately 10 minutes left to run. At the latest then the built-in battery must be charged.

3. To switch on transmitter and receiver, press and hold their on / off switches (POWER).

4. Each LED on the devices stands for one of the 4 transmission channels. Select the same transmission channel on the transmitter and receiver by pressing the ID channel selection button. When the channel LED is solid, that channel is ready for use. If the channel LED flashes, radio signals are already being detected on this frequency and radio interference is therefore to be expected. To establish the radio connection (pairing), press and hold the ID buttons of both devices for 5 - 7 seconds. When the channel LEDs of both devices stop flashing, the radio set is ready for use.
5. Fold the plug into a suitable position for the desired use. Plug the transmitter into the 1/4" jack socket of the instrument whose signal is to be transmitted.
6. Plug the receiver into the 1/4" jack input of an amplifier, mixer or effects device. The distance between transmitter and receiver must not exceed 35 m. If the radio transmission proves to be susceptible to interference, reduce the distance.
7. When using several radio sets (max. 4) within the transmission range, each set must work on a different radio channel. However, the transmission signal from one transmitter can also be received by several receivers. For example, two amplifiers can be fed by one transmitter at the same time to generate a stereo sound image.
8. To switch off transmitter and receiver, press and hold their ON / OFF switches (POWER). The receiver switches itself off automatically if it has not received a signal from the transmitter for 30 minutes.

Technical specifications

Receiver

Power supply	Micro USB (5 V \equiv)	
Output connection	1/4" jack plug	
Number of transmission channels	4	
Word length / sampling rate	24 Bit / 48 kHz	
Frequency of operation	5.729 GHz ... 5.820 GHz	
Sensitivity	< -81 dBm	
Signal-to-noise ratio	140 dB	
Battery	Type	Lithium ions battery
	Voltage	3.7 V
	Capacity	450 mAh
	Operating time	4 h
	Charging time	2 h
Latency	< 5.6 ms	
Dimensions (W x H x D)	90 mm x 40 mm x 32 mm	
Weight	50 g	
Ambient conditions	Temperature range	0 °C ... 40 °C
	Relative humidity	20 % ... 80 % (non-condensing)

Transmitter

Power supply	Micro USB (5 V \equiv)	
Output connection	1/4" jack plug	
Max. input voltage	500 mV	
Number of transmission channels	4	
Word length / sampling rate	24 Bit / 48 kHz	
Frequency of operation	5.729 GHz ... 5.820 GHz	
Max. transmission power	> 7 dBm	
Range (free field)	approx. 35 m	
Battery	Type	Lithium ions battery
	Voltage	3.7 V
	Capacity	450 mAh
	Operating time	4 h
	Charging time	2 h
Latency	< 5.6 ms	
Dimensions (W x H x D)	90 mm x 40 mm x 32 mm	
Weight	50 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.