

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 product is meant to be used for the wireless transmission of instrument 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 from the product. They could swallow the pieces and choke! Never let children unattended use electrical devices.

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.

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

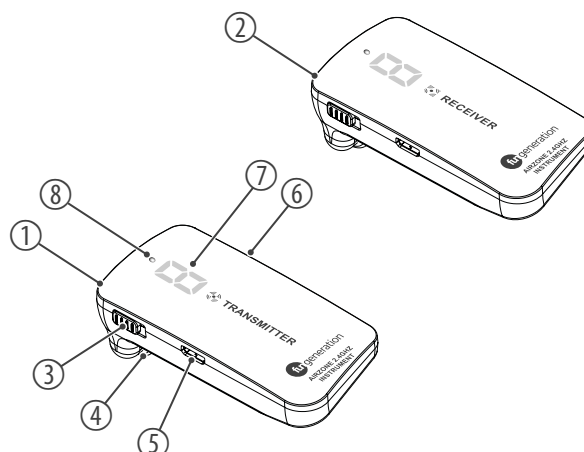
Using the device near radios or TV sets may cause interference. Then increase the distance between the devices.

Features

- 2.4 GHz digital wireless instrument system
- Plug-n-Play transmitter and receiver set
- Built-in rechargeable lithium battery
- 2.4 GHz ISM band
- LED indicates the battery status
- Display shows the channel number
- 4 switchable channels
- 4 systems can be operated simultaneously
- Plug angle adjustable in a range of 220°
- Incl. Duo-Pin USB charging cable
- Anti-interference frequency hopping
- Not recommended for electric guitars with active pickup

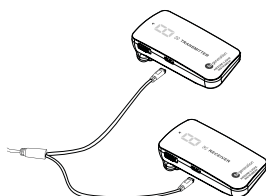
Operating elements

- | | |
|---|---|
| 1 | Transmitter |
| 2 | Receiver |
| 3 | On / off switch |
| 4 | 6.35-mm jack plug, unbalanced |
| 5 | USB-micro input socket for the charging cable |
| 6 | Channel selector/pairing button |
| 7 | Display |
| 8 | Indicator LED |



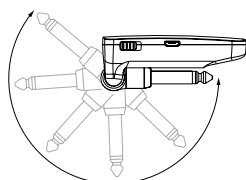
Using the product

1. To avoid interference, do not operate the device near other wireless devices, such as WiFi routers or the like.
2. Fully charge the transmitter and receiver batteries prior to initial use using the Duo-pin USB charging cable. When the batteries are fully charged, the LEDs turn off.



When the low battery status LED starts flashing red, there are approximately 5-8 minutes of operating time left. The built-in batteries must be recharged as soon as possible.

3. Fold the plugs of the transmitter and the receiver into a position suitable for the desired use:



4. Plug the transmitter into the 1/4" phone socket of the instrument whose signal you want to transmit.
5. Plug the receiver into the 1/4" phone input of an amplifier or effects unit.
6. To switch on transmitter and receiver, set their on / off switches in the ON position.
7. Press and hold the pairing button of the receiver until  flashes quickly in the display. Then press and hold the pairing button of the transmitter for at least two seconds until the transmitter and receiver show the same channel number which means, that the devices are successfully paired.
8. For pairing multiple receivers with the transmitter, switch on first only the receivers. Press and hold the pairing buttons of the receivers until  flashes quickly in the display. Then switch on the transmitter and press and hold the pairing button for at least two seconds. After successful pairing, the displays of the transmitter and the receivers show the same channel number.
9. Double-press the channel selector of the transmitter to increase the channel by one. The display shows the set channel.
10. To switch off transmitter and receiver, set their on / off switches in the OFF position.



If the connection is interrupted, the display flashes.
Switch off the transmitter and the receiver and reconnect the units.

Technical specifications

Receiver

■ Frequency of operation	2.400 GHz ... 2.485 GHz
■ Transmission channel	4
■ Audio sampling rate	24 bit / 48 kHz
■ Output impedance	4,7 kΩ
■ Frequency range	10 Hz ... 20 kHz (± 1 dB)
■ Latency	< 5 ms
■ Power supply	via USB port (USB micro)
■ Battery	Type Lithium ions battery
	Voltage 3.7 V
	Capacity 650 mAh
	Operating time 10 h (depending on mode)
	Charging time 2.5 h
■ Dimensions (W × H × D)	35 mm × 71 mm × 26 mm
■ Weight	36 g
■ Ambient conditions	Temperature range 0 °C ... 40 °C
	Relative humidity 20 % ... 80 % (non-condensing)

Transmitter

■ Frequency of operation	2.400 GHz ... 2.485 GHz
■ Max. transmission power	103 dBm
■ Audio sampling rate	24 bit / 48 kHz
■ Input impedance	470 kΩ
■ Range (free field)	20 m
■ Latency	< 5 ms
■ Power supply	via USB port (USB micro)
■ Battery	Type Lithium ions battery
	Voltage 3.7 V
	Capacity 650 mAh
	Operating time 10 h (depending on mode)
	Charging time 2.5 h
■ Dimensions (W × H × D)	35 mm × 71 mm × 26 mm
■ Weight	36 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.