

User Manual



TT 1201

Turntable

Thomann GmbH
Hans-Thomann-Straße 1
96138 Burgebrach
Germany
Telephone: +49 (0) 9546 9223-0
Internet: www.thomann.de

01.12.2023, ID: 558946

Table of contents

1	General information.....	5
1.1	Symbols and signal words.....	5
2	Safety instructions.....	7
3	Features.....	9
4	Installation and starting up.....	10
5	Connections and controls.....	13
6	Operating.....	16
7	Maintenance.....	17
8	Technical specifications.....	18
9	Plug and pin assignments.....	20
10	Protecting the environment.....	21



1 General information


This document contains important instructions for the safe operation of the product. Read and follow the safety instructions and all other instructions. Keep the document for future reference. Make sure that it is available to all those using the product. If you sell the product to another user, be sure that they also receive this document.

Our products and documentation are subject to a process of continuous development. They are therefore subject to change. Please refer to the latest version of the documentation, which is ready for download under www.thomann.de.

1.1 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this document.

Signal word	Meaning
DANGER!	This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.
NOTICE!	This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided.

Warning signs	Type of danger
	Warning – danger zone.

2 Safety instructions

Intended use

This device is designed to play records. Use the device only as described in this user manual. 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 damage resulting from improper use.

This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Safety



DANGER!

Risk of injury and choking hazard for children!

Children can suffocate on packaging material and small parts. Children can injure themselves when handling the device. Never allow children to play with the packaging material and the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such knobs) that children could play with.



NOTICE!

Damage to the device if operated in unsuitable ambient conditions!

The device can be damaged if it is operated in unsuitable ambient conditions. Only operate the device indoors within the ambient conditions specified in the "Technical specifications" chapter of this user manual. Avoid operating it in environments with direct sunlight, heavy dirt and strong vibrations. Avoid operating it in environments with strong temperature fluctuations. If temperature fluctuations cannot be avoided (for example after transport in low outside temperatures), do not switch on the device immediately. Never subject the device to liquids or moisture. Never move the device to another location while it is in operation. In environments with increased dirt levels (for example due to dust, smoke, nicotine or mist): Have the device cleaned by qualified specialists at regular intervals to prevent damage due to overheating and other malfunctions.



NOTICE!

Damage to the external power supply due to high voltages!

The device is powered by an external power supply. The external power supply can be damaged if it is operated with the incorrect voltage or if high voltage peaks occur. In the worst case, excess voltages can also cause a risk of injury and fires. Make sure that the voltage specification on the external power supply matches the local power grid before plugging in the power supply. Only operate the external power supply from professionally installed mains sockets that are protected by a residual current circuit breaker (FI). As a precaution, disconnect the power supply from the power grid when storms are approaching or if the device will not be used for a longer period.



NOTICE!

Possible staining due to plasticiser in rubber feet!

The plasticiser contained in the rubber feet of this product may react with the coating of the floor and cause permanent dark stains after some time. If necessary, use a suitable mat or felt slide to prevent direct contact between the device's rubber feet and the floor.

3 Features

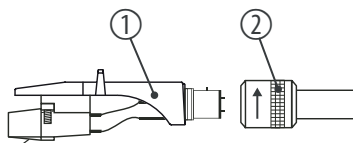
- Direct-drive turntable with USB audio interface
- Line and phono signal as output
- Speed: 33 and 45 revolutions
- Pitch +/- 10 %
- Including pick-up, needle, USB, cable, adapter for single records, slip mat
- Also in phono mode without mass connection
- Minimum computer requirements: PC with Windows®7 and higher, Mac OS X® 10.1 and higher
- Including cover

4 Installation and starting up

Unpack and check carefully there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the product against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.

Create all connections while the device is off. Use the shortest possible high-quality cables for all connections. Take care when running the cables to prevent tripping hazards.

Attaching the headshell with pick-up

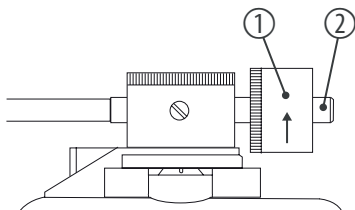


1. ➤ Insert headshell with pick-up 1 in the designated holder in the pick-up arm.
2. ➤ Turn pick-up locking mechanism 2 in the direction of the arrow until headshell with pick-up 1 has a firm seat.

Inserting the record turntable

1. ➤ Place the record turntable on the centring device.
2. ➤ Place the slip mat on the record turntable.

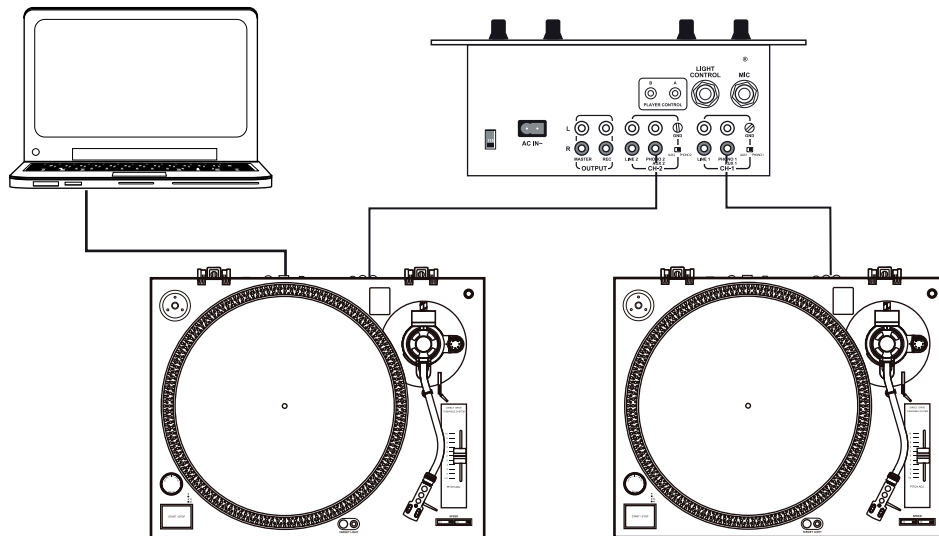
Adjusting the counterweight



- 1.** ➤ Push counterweight 1 onto the rear part of pick-up arm 2 to the stop.
- 2.** ➤ Turn the counterweight slightly in the direction of the arrow.
- 3.** ➤ Set the anti-skate device to 0.
- 4.** ➤ If there is a protective cap on the headshell with pick-up, remove the protective cap.
- 5.** ➤ Remove the pick-up arm from the holder and hold the pick-up arm in place.
- 6.** ➤ Move the lever for lowering the pick-up arm downwards.
- 7.** ➤ Turn the counterweight to adjust it until the pick-up arm remains horizontal when it is released.
- 8.** ➤ Guide the pick-up arm back to the holder and lock it in place.
- 9.** ➤ Hold onto the counterweight and align the 0 on the ring for the stylus force of the pick-up with the marking on the rear part of the pick-up arm.
- 10.** ➤ Turn the counterweight anti-clockwise to adjust the stylus force of the pick-up arm. The recommended stylus force for the supplied pick-up is 1.75 g.
- 11.** ➤ Adjust the anti-skate device to the stylus force set by means of the counterweight.

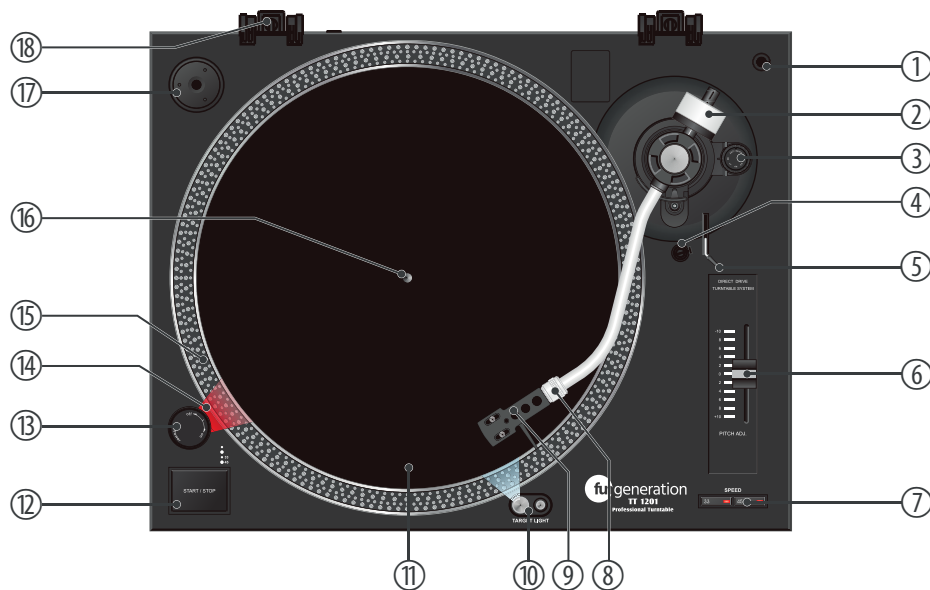
Configuration example

The figure shows in a schematic how to connect the device to a mixer or a PC.



5 Connections and controls

Overview

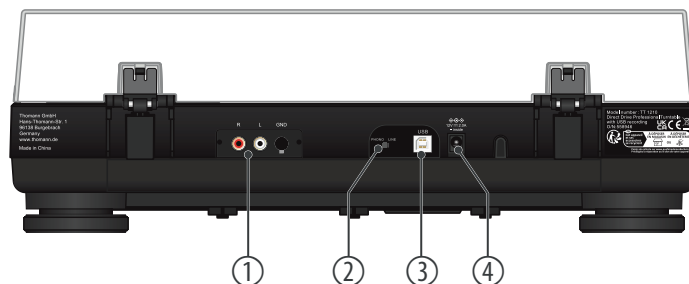


1	Holder for spare pick-up
2	Counterweight
3	Anti-skate device
4	Holder for pick-up arm
5	Lever for lowering pick-up arm
6	Pitch control
7	[33] and [45] Buttons for rpm selection
8	Pick-up locking mechanism
9	Headshell with pick-up
10	Illumination for pick-up
11	Record turntable with slip mat
12	[START/STOP] Button for starting and stopping the record turntable
13	[Power] rotary switch Turn switch clockwise to turn on the turntable, and turn it anti-clockwise to switch it off.
14	Illumination for strobe
15	Strobe
16	Centring device

17	Adapter for 7-inch EPs.
----	-------------------------

18	Hinges for the cover
----	----------------------

Back



1	Outputs, designed as cinch and ground lead
---	--

2	[PHONO LINE] Switch for setting the output signal to the phono or line level
---	--

3	[USB] USB interface
---	-----------------------

4	Connection for power supply
---	-----------------------------

6 Operating

Playing a record

1. ➤ If necessary, put the adapter for 7-inch EPs onto the centring device.
2. ➤ Place the record on the record turntable.
3. ➤ Switch on the turntable with the *[Power]* rotary switch.
4. ➤ Use the *[33]* and *[45]* buttons to set the right rpm for the record.
5. ➤ Release the pick-up arm from the holder and position it above the record.
6. ➤ Start the turntable with the *[START/STOP]* button.
7. ➤ Move the lever for lowering the pick-up arm downwards in order to lower the pick-up onto the record.

7 Maintenance

Regular cleaning

1. ➤ Clean the pick-up regularly with a soft brush.
2. ➤ Clean the housing and the cover regularly with a soft dry cloth.


Replacing the pick-up

If the sound is distorted or hissing, the pick-up may be worn.

- Replace the pick-up.

8 Technical specifications

Drive	Drive type	Direct drive
	Motor	Brushless 2-phase 8-pin motor
	Speeds	33 ⅓ and 45 rpm
	Speed change	From 33 ⅓ to 45 rpm: < 1 s From 45 to 33 ⅓ rpm: < 1.5 s
	Pitch	+/- 10 %
Pick-up arm	Shape	S-shaped
	Length	228 mm
	Overhang	22 mm
	Setting range for stylus force	0 g...4 g
	Setting range for anti-skate device	0 g...4 g
	Weight of installable headshells with pick-up	3.5 g...8.5 g
Pick-up	Name	Ortofon OM 5S
	Shape	Spherical

	Recommended stylus force		1.75 g
Output connections	Audio output	Type	2 × cinch, asymmetrical
		Phono level	2.5 mV...5.2 mV @ 1 kHz
		Line level	150 mV...312 mV @ 1 kHz
	USB interface		USB 1.1
Frequency response			20 Hz...20 kHz +/- 1.5 dB
Signal-to-noise ratio			> 65 dB
Digital signal processing			A/D-D/A converter: 16 bit Sampling rate: 41 kHz or 48 kHz
Supply voltage			100...240 V ~ 50/60 Hz
Operating voltage			12 V  / 2 A, centre positive
Dimensions (W × H × D)			450 mm × 172 mm × 350 mm
Weight			4.7 kg
Ambient conditions	Temperature range		21 °C...25 °C
	Relative humidity		60 %...70 % (non-condensing)

9 Plug and pin assignments

Introduction

This chapter will help you select the right cables and plugs to connect your valuable equipment in such a way that a perfect sound experience is ensured.

Please note these advices, because especially in 'Sound & Light' caution is indicated: Even if a plug fits into the socket, an incorrect connection may result in a destroyed power amp, a short circuit or 'just' in poor transmission quality!

RCA connection



Drawing and table indicate the pin assignment of an RCA plug.

1	Signal
2	Ground, shielding

10 Protecting the environment

Disposal of the packing material



Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of in the proper manner.

Do not dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the instructions and markings on the packaging.



Observe the disposal note regarding documentation in France.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) as amended.

Do not dispose of your old device with your normal household waste; instead, deliver it for controlled disposal by an approved waste disposal firm or through your local waste facility. When disposing of the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste management facility. Proper disposal protects the environment as well as the health of your fellow human beings.

Also note that waste avoidance is a valuable contribution to environmental protection. Repairing a device or passing it on to another user is an ecologically valuable alternative to disposal.

You can return your old device to Thomann GmbH at no charge. Check the current conditions on www.thomann.de.

If your old device contains personal data, delete those data before disposing of it.

