

Millenium ^{Drums}

MPS-1500 Hybrid-X

E-Drum Set

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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.
WARNING	This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.
CAUTION	This combination of symbol and signal word indicates a possible dangerous situation that can result in minor 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

Bestimmungsgemäßer Gebrauch

E-drum sets consist of a drum module and drum pads. The drum module converts the digital trigger signals from the drum pads into various drum sounds. Use the unit only as described in this 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 damages 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 as knobs) that children could play with.



WARNING

Possible hearing damage due to high volumes on speakers or headphones!

With speakers or headphones connected, the device can produce volume levels that may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage. 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.



CAUTION

Risk of cuts to the hands from sharp edges during assembly!

Tools, screws and components can have sharp edges that can cause cuts during assembly. Pay attention to sharp edges when assembling and screwing the individual parts. Wear protective gloves if necessary.



NOTICE

Possible damage to the surface due to improper use of the fixing screws!

The fixing screws of pedals, bass drum feet or stand components can damage sensitive floors. Never attach the fixing screws directly to parquet, laminate or other sensitive surfaces. Always use a suitable mat, for example a drum rug.



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). Ensure that the power cord plug is easily accessible at all times if it is the only device to safely disconnect the device from the mains supply. 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

Damage to the device due to use of unsuitable external power supplies!

If the device is operated with an unsuitable external power supply, the device can be damaged by overvoltage or incorrect polarity. If things go badly, using an unsuitable power supply can also cause a risk of injury and fire. Only use the external power supply designated for the device or an equivalent external power supply with identical parameters. If in doubt, compare the voltage specifications on the external power supply and the polarity (+/-) with the specifications in this manual and printed on the device. Voltage and polarity must always match.

NOTICE

Possible staining due to plasticiser in rubber and foam feet!

The plasticiser in the feet of this product may react with the coating of the floor, resulting in permanent dark stains after a while. If necessary, use a suitable mat or felt pads to prevent direct contact between the product's feet and the floor.

3 Features and scope of delivery

- 5-piece mesh head set
- Size of the bass drum: 22"
- Size of the floor tom: 14"
- Crash and ride pads with choke function
- Sampling percussion pad as an e-drum module with an extensive sound library and polyphony
- Drumsticks, plug-in power supply and multi-cables (included)
- Rack and drum stool (optionally available)

Scope of delivery



Before beginning assembly, use the following overview to check that the delivery is complete:

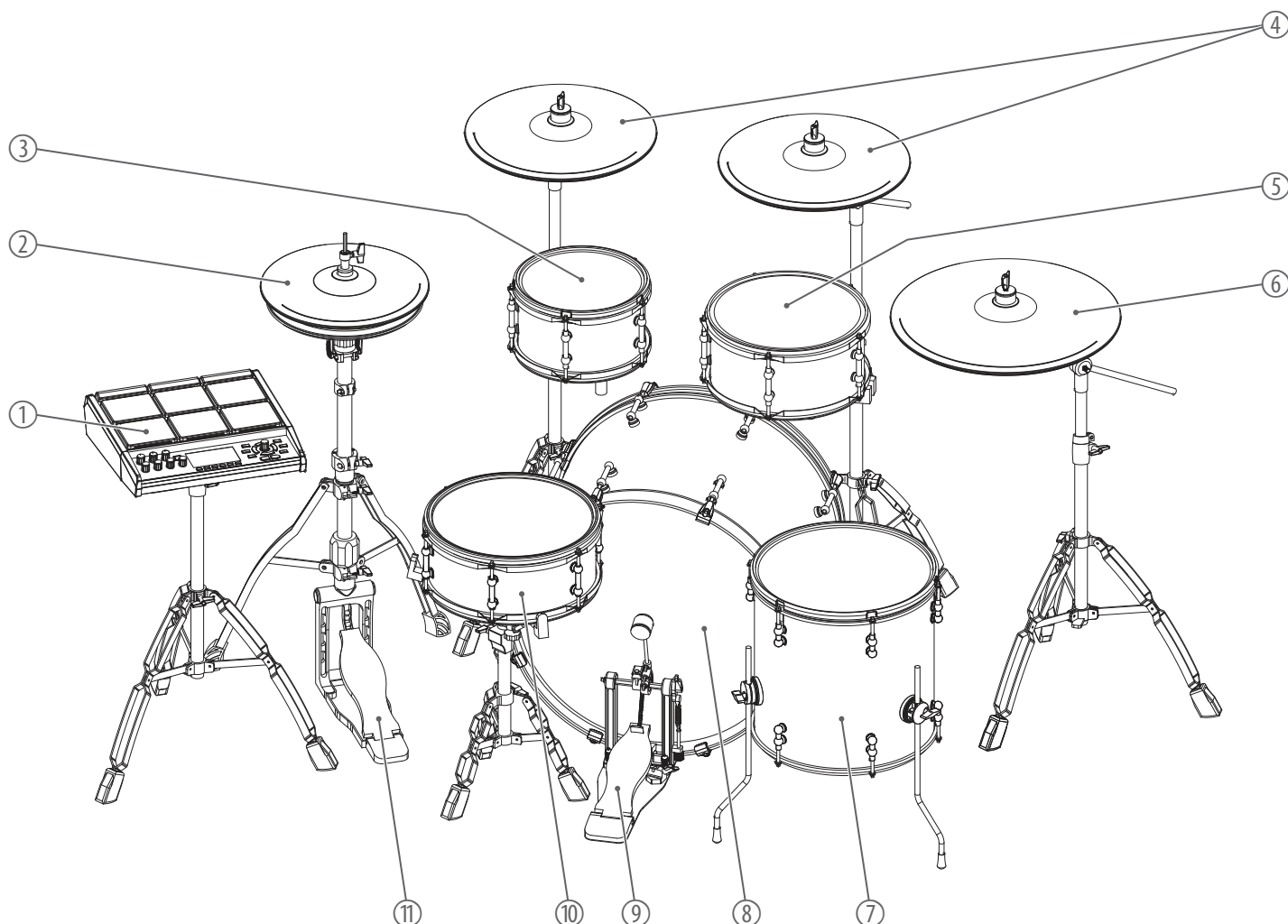
Depending on the model, there can be variations in the type and number of components.

- Hi-hat pad (13", two zones)
- Hi-hat controller
- Hi-hat stand
- 2 × crash pad (15", two zones, with choke function)
- Ride pad (18", three zones, with choke function)
- 3 × boom cymbal stand
- Tom pad (10", two zones, mesh head)
- Tom pad (12", two zones, mesh head)
- 2 × tom holders
- Tom holder bracket for bass drum
- Floor tom (14", two zones, mesh head)
- 3 × floor tom leg
- Bass drum (22", mesh head)
- Bass drum pedal
- Bass drum leg
- Snare pad (13", two zones, mesh head)
- Snare pad stand
- Clamp with short tube
- Sampling percussion pad MPS-1500 Hybrid-X
- Sampling percussion pad stand
- Module plate with clamp
- Multi.cable for connecting the pads, bass drum pedal and hi-hat controller to the sampling percussion pad
- Additional jack cable for the second crash pad
- Drum key
- Drumsticks
- User manual for the sampling percussion pad
- Assembly instructions for the e-drum set
- Plug-in power supply

4 Installation

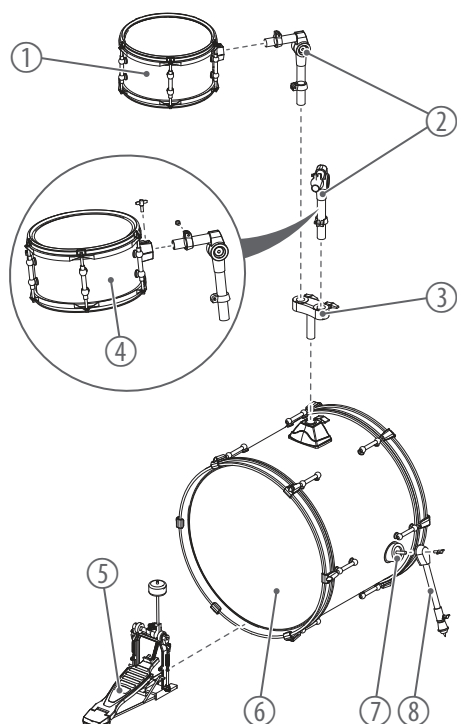
4.1 Overview

Loosen the screws of the individual clamps before assembly. Mount the various elements in the specified sequence. The final positions of the components are shown in the illustration below.



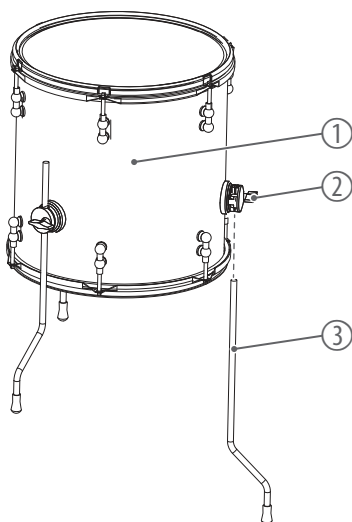
- | | |
|----|---|
| 1 | Sampling percussion pad MPS-1500 Hybrid-X |
| 2 | Hi-hat pad (13", two zones) with hi-hat stand and hi-hat controller |
| 3 | Tom pad (10", two zones, mesh head) |
| 4 | Crash pad (15", two zones, with choke function) |
| 5 | Tom pad (12", two zones, mesh head) |
| 6 | Ride pad (18", three zones, with choke function) |
| 7 | Floor tom (14", two zones, mesh head) |
| 8 | Bass drum (22", mesh head) with bass drum pedal |
| 9 | Bass drum pedal |
| 10 | Snare pad (13", two zones, mesh head) |
| 11 | Hi-hat controller |

4.2 Assembling the bass drum and tom pads



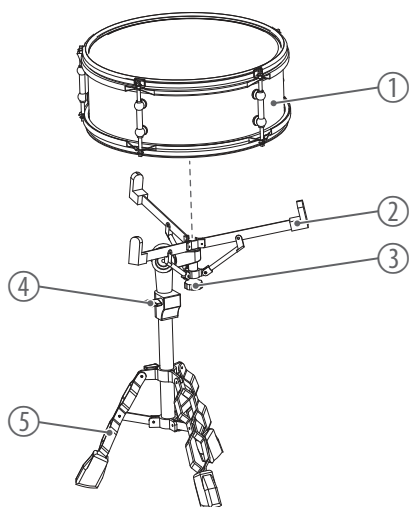
1. ➤ Attach the two bass drum legs (8) to the bass drum (6) with the wing nuts of the fastening clamps (7).
2. ➤ Attach the bass drum pedal (5) to the hoop of the bass drum. Place the bass drum pedal in the correct position and attach the bass drum pedal to the pedal with the wing nut.
3. ➤ Attach the tom holder bracket (3) in the designated recess in the bass drum (2) using the wing nut of the fastening clamps.
4. ➤ Attach the two tom holders (2) in the tom holder brackets (4) and hand-tighten the screws of the fastening clamps.
5. ➤ Insert the two tom pads (1, 4) into the tom holders and hand-tighten the screws of the fastening clamps.
6. ➤ Align the tom pads according to your needs and tighten the screws of the tom holder bracket and two tom holders evenly.

4.3 Mounting the floor tom



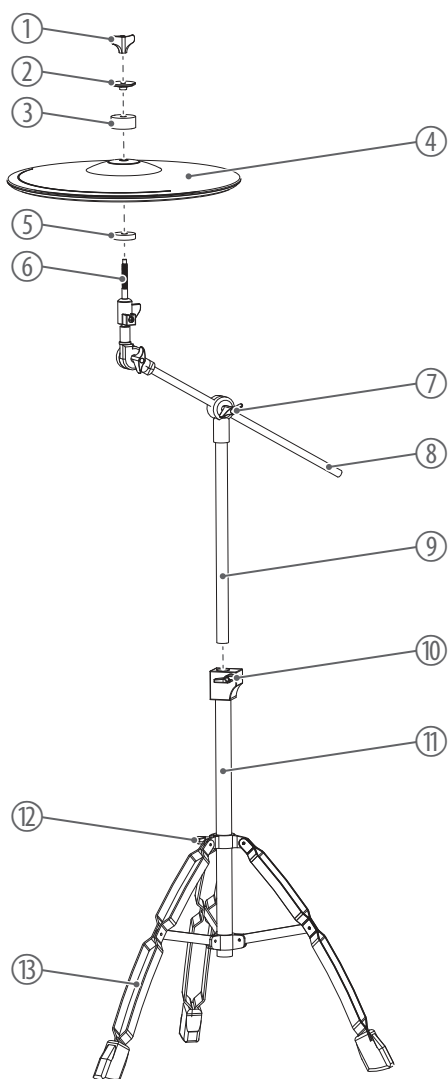
1. ➤ Attach the three floor tom legs (3) to the floor tom (1) with the wing nuts of the fastening clamps (2) and hand-tighten them.
2. ➤ Align the floor tom legs according to your needs and tighten the wing nuts of the fastening clamps evenly.

4.4 Mounting the snare pad



1. ➔ Loosen the wing nut (4) of the snare stand legs (5). Align the snare stand according to your needs and tighten the wing nut.
2. ➔ Open the arms of the snare stand (2). Place the snare pad (1) on the arms and tighten the fastening clamp (3).

4.5 Installing crash pads and the ride pad



The crash pads and the ride pad are mounted in exactly the same way. Follow the steps for all three pads

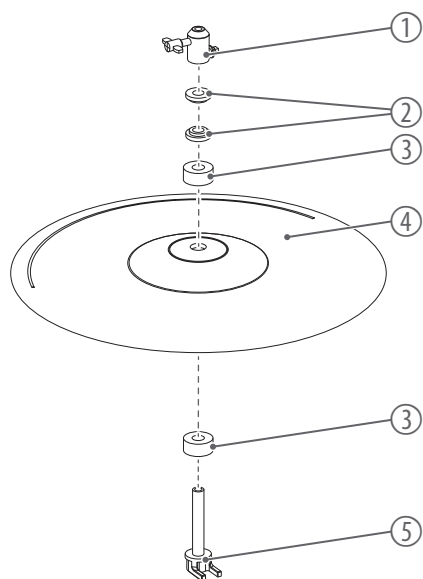
1. ➔ Unscrew the wing nut (12) of the boom cymbal stand (11) and open the three legs (13). Tighten the wing nut.
2. ➔ Insert the bracket (9) into the boom cymbal stand.
3. ➔ Adjust the height of the bracket according to your needs and tighten the wing nut (10).
4. ➔ Unscrew the wing nut (7) of the boom arm (8) and adjust the position of the boom arm according to your needs. Tighten the wing nut.
5. ➔ Place the thin felt disc (5), the crash or ride pad (4), the thick felt disc (3) and the washer (2) one after the other on the cymbal bracket (6).

Make sure that the crash pads (15") are attached to the left and middle boom cymbal stand and the ride pad (18") to the right boom cymbal stand.

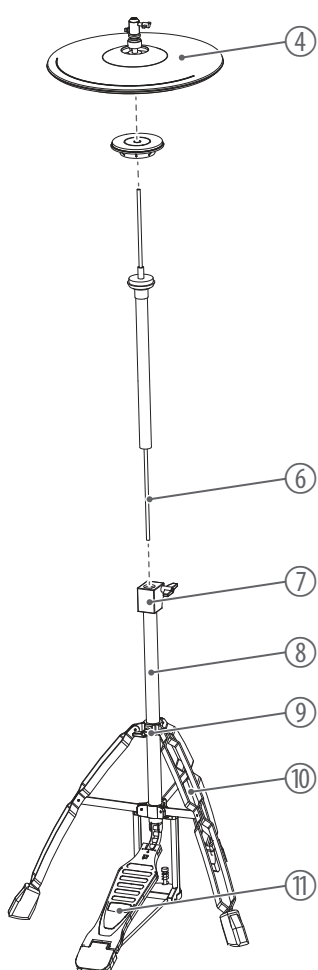
The cymbal brackets are equipped with a groove. The plates on the underside of the crash and ride pads lie exactly in the respective groove of the cymbal brackets.

6. ➔ Attach the crash or ride pad with the corresponding wing nut (1).

4.6 Mounting the hi-hat pad

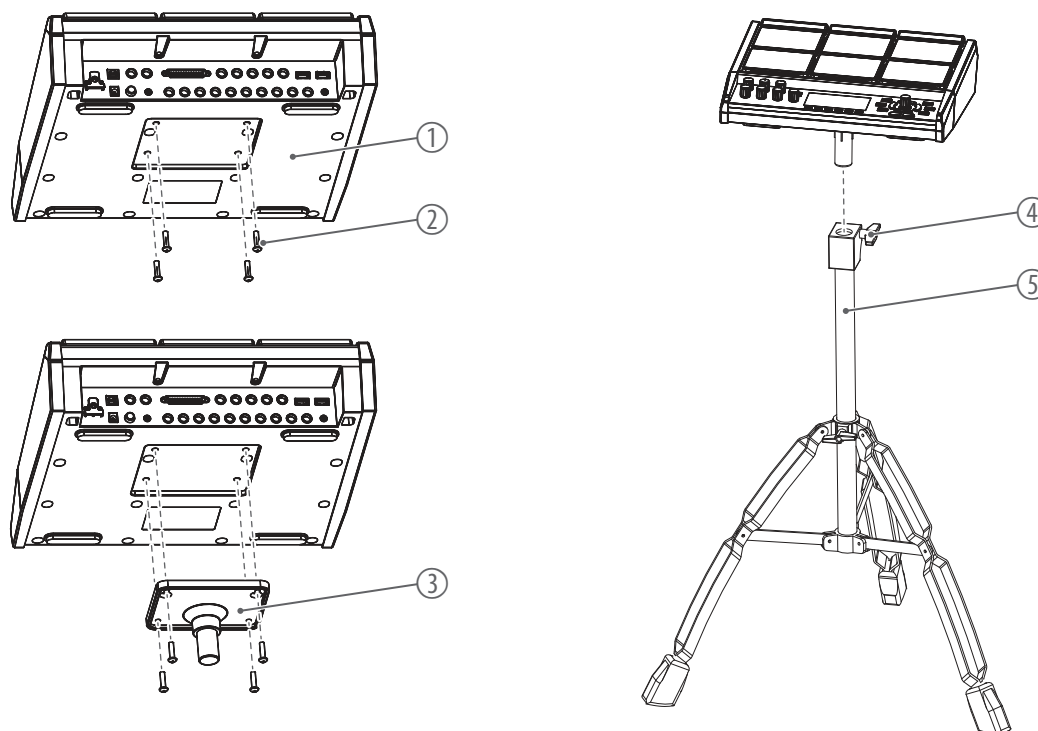


- 1.** ➤ Unscrew the wing nut (1) from the bracket (5).
- 2.** ➤ Remove the two felt discs (3) and the two round nuts (2) from the holder.
- 3.** ➤ Place the two felt discs, the hi-hat pad (4) and the two round nuts on the holder one after the other. Tighten the wing nut.



- 4.** ➤ Unscrew the wing nut (9) of the hi-hat stand (8) with the hi-hat controller (11) and open the three legs (10). Tighten the wing nut.
- 5.** ➤ Insert the hi-hat bracket (6) into the hi-hat stand and tighten the bracket clockwise.
- 6.** ➤ Adjust the height of the hi-hat bracket according to your needs and tighten the wing nut (7) of the hi-hat stand.
- 7.** ➤ Attach the hi-hat pad (4) to the hi-hat holder with the corresponding wing nut.

4.7 Mounting the sampling percussion pad



1. ➤ Loosen the four screws (2) on the back of the sampling percussion pad (1).
2. ➤ Place the sampling percussion pad on the module plate (3) and fasten it with the four screws.
3. ➤ Insert the module plate into the sampling percussion pad stand (5) and tighten the wing nut (4).

4.8 Setting up and wiring the e-drum set

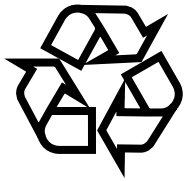


To avoid damage during transport, the tension of the mesh heads is relatively low when they are delivered. For good playability and better trigger behaviour, adjust the drum head tension to your playing habits.

1. ➤ Set up the stands and pads according to your needs.
2. ➤ Wire all pads and the sampling percussion pad using the supplied multi-cable. The connectors are suitably labelled. Tighten the D-sub plug with the hand screws.
3. ➤ Wire the second crash pad to the sampling percussion pad using the auxiliary jack cable.

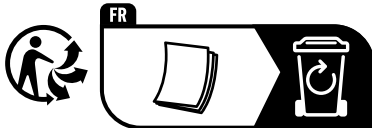
5 Protecting the environment

Disposal of the packing material



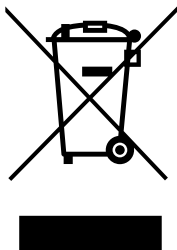
Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of in the proper manner.

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. If in doubt, consult your local waste management facility. You can also return the device to a retailer if they offer to take the device back for free or if they are legally obliged to do so. When disposing of the device, comply with the rules and regulations that apply in your country. You can also return your old device to Thomann GmbH at no charge. Check the current conditions on www.thomann.de.

Proper disposal protects the environment as well as the health of your fellow human beings. This is because the proper handling of old devices negates the potential negative effects of hazardous substances, and because it conserves resources by recycling them.

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. For example, use the classified ads of Thomann GmbH.

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



