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# Dual Looper

looper

th•mann
MUSIC IS OUR PASSION

user manual

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# 1 General information

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

## 1.1 Further information

On our website (*www.thomann.de)* you will find lots of further information and details on the following points:

| | |
|---|---|
| Download | This manual is also available as PDF file for you to download. |
| Keyword search | Use the search function in the electronic version to find the topics of interest for you quickly. |
| Online guides | Our online guides provide detailed information on technical basics and terms. |
| Personal consultation | For personal consultation please contact our technical hotline. |
| Service | If you have any problems with the device the customer service will gladly assist you. |

## 1.2 Notational conventions

This manual uses the following notational conventions:

**Letterings**

The letterings for connectors and controls are marked by square brackets and italics.

**Examples:** *[VOLUME]* control, *[Mono]* button.

**Displays**

Texts and values displayed on the device are marked by quotation marks and italics.

**Examples:** *'24ch'*, *'OFF'*.

## 1.3 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 manual.

| 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 used to record instrument signals and to play them back by means of suitable devices in an endless loop. 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 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!**

**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 children unattended use electrical devices.

**NOTICE!**

**Operating conditions**

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

**NOTICE!**

**External power supply**

The device is powered by an AC adaptor plug. Before connecting the AC adaptor plug, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly the user.

Unplug the AC adaptor plug before electrical storms occur and when the device is unused for long periods of time to reduce the risk of electric shock or fire.

# 3 Features

- Dual-channel looper
- Up to 10 minutes recording time
- Unlimited overdubbing
- Variable playback speed
- Reverse playback possible
- Windows software for data transmission available from our product website
- Recording format WAV audio with 48 kHz / 24 bit
- Operation via power supply (not supplied)

# 4 Notes on use

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

Handle the device with care.

Do not try to disassemble or repair the device yourself if it should not work.

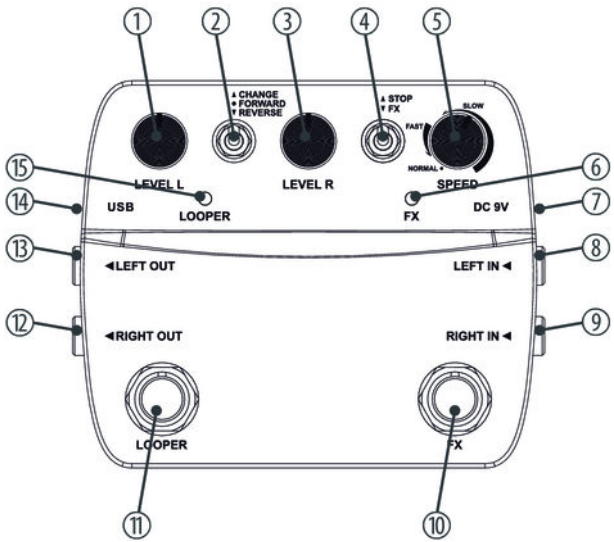
Set the volume of a connected amplifier to minimum before plugging or unplugging an instrument cable. This prevents loud noises.

When using an instrument with a high output level, the sound can be distorted. If distortion occurs, reduce the volume of the instrument.

Do not use solvents such as alcohol to clean the device.

# 5 Controls and functions

**Ins / outs, controllers, LEDs**



| | |
|---|---|
| 1 | *[LEVEL L]*<br>Volume control for the left channel. |
| 2 | *[CHANGE \| FORWARD \| REVERSE]*<br>When switch in CHANGE position: Recorded loop material is output in the other channel as it was recorded.<br>When switch in FORWARD position: Recorded loop material is output forwards in the same channel as it was recorded.<br>When switch in REVERSE position: When the FX function is activated, recorded loop material is output backwards in the same channel in which it was recorded. |
| 3 | *[LEVEL R]*<br>Volume control for the right channel. |

| | |
|---|---|
| 4 | *[STOP \| FX]*<br>Switch for function control of the right foot switch. *[FX]*:<br>When switch in STOP position: The right foot switch *[FX]* stops loop recording and playback.<br>When switch in FX position: The right foot switch *[FX]* turns the function to adjust the playback speed as well as - if activated - the loop playback backwards on and off. |
| 5 | *[SPEED]*<br>Controls the playback speed and pitch of the loop material. |
| 6 | *[FX]*<br>This LED lights up red when only the FX function is activated, even if the knob to adjust the playback speed is set to *[NORMAL]* . It lights up green when also loop playback backwards is activated. |
| 7 | *[DC 9V]*<br>Connector for a 9 V power adapter (not included). |
| 8 | *[LEFT IN]*<br>Input socket left channel: Use a shielded instrument cable with a 1/4" jack to connect the instrument whose signals are to be processed in the left channel. |

| | |
|---|---|
| 9 | *[RIGHT IN]*<br>Input socket right channel: Use a shielded instrument cable with a 1/4" jack to connect the instrument whose signals are to be processed in the right channel. |
| 10 | *[FX]*<br>If the *[STOP \| FX]* switch is in the STOP position, pressing this switch quickly stops the recording or playback. Press and hold the switch for 2 seconds to irretrievably erase previous recordings.<br>If the *[STOP \| FX]* switch is in the FX position, the switch turns the function to adjust the playback speed as well as - if activated - the loop playback backwards on and off. |
| 11 | *[LOOPER]*<br>This switch is used to start loop recording or playback and to control the Undo / Redo function. |
| 12 | *[RIGHT OUT]*<br>Output socket right channel: Use a shielded instrument cable with a 1/4" jack to connect another effects pedal, the input of a suitable instrument amplifier or the right input of a stereo amp. |
| 13 | *[LEFT OUT]*<br>Output socket left channel: Use a shielded instrument cable with a 1/4" jack to connect another effects pedal, the input of a suitable instrument amplifier or the left input of a stereo amp. |

| | |
|---|---|
| 14 | *[USB]*<br><br>USB port to connect a computer for copying the loop material. |
| 15 | *[LOOPER]*<br><br>This LED flashes green on stopped playback. Then press the left foot switch *[LOOPER]* to start playback. The LED lights up green during playback. During playback, press the left foot switch *[LOOPER]* to start recording. The recording cannot start, if the *[CHANGE \| FORWARD \| REVERSE]* switch is in the *[REVERSE]* position. The LED lights up red during recording. |

# 6 Operating

**Using the mains adapter**

Connect the device to the power supply via a suitable mains adapter (not supplied), which provides 9 V⎓ with the negative pole via the centre contact. The device is instantly operational. Disconnect the unit from the power supply to switch it off. The recorded loop remains stored in the device after switching it off.

**Recording / Overdub / Undo / Redo**

Connect a mono instrument to the input socket *[LEFT IN]* or *[RIGHT IN]* using a shielded instrument cable with a 1/4" jack. To be able to listen to your playing, connect the corresponding output jack *[LEFT OUT]* or *[RIGHT OUT]* to the input of a suitable instrument amplifier or to another effects pedal first, using a shielded instrument cable with a 1/4" jack



*Interesting effects can also be achieved by connecting a stereo amplifier to the outputs [LEFT OUT] and [RIGHT OUT] and recording loop material in one, and then in the other channel.*

Connect a stereo instrument to the input sockets *[LEFT IN]* and *[RIGHT IN]* .

The *[LOOPER]* LED flashes green, the device is ready to play. Press the foot switch *[LOOPER]* to start playback. The *[LOOPER]* LED lights up green then. If there is not yet any loop material in the memory, press the foot switch *[LOOPER]* again to start recording. The *[LOOPER]* LED lights up red then. Start playing the instrument. The maximum recording time is 10 minutes. This first recording defines the length of the loop, which can not be extended by later recordings. After recording the first layer, press the LOOPER *[LOOPER]* foot switch to store the recording. The unit will immediately play your recording in an endless loop, while the *[LOOPER]* LED lights up green. A short flicker of the LED indicates the beginning of the loop. Use the controllers *[LEVEL L]* and *[LEVEL R]* to adjust the desired levels for both channels.

To add another layer to your first recording (overdub), press the *[LOOPER]* foot switch again and start playing. Proceed accordingly until all desired layers are recorded.

Provided the *[STOP | FX]* switch is in the *[STOP]* position, press the *[FX]* foot switch to stop playback. The *[LOOPER]* LED flashes green then.

You can delete the last recorded layer (Undo) and then restore it (Redo). To do so in Overdub and playback mode, hold the *[LOOPER]* foot switch pressed for about 2 seconds. The *[LOOPER]* LED flashes quickly. The loop is then played without the last layer recorded. If you want to restore the level, hold down the *[LOOPER]* foot switch again for about 2 seconds. To resume recording, press the *[LOOPER]* foot switch and start playing.

*The undo / redo function is still available after disconnection from the power supply.*

**Playback / Effects**

If the *[LOOPER]* LED flashes green press the *[LOOPER]* foot switch to start playback. To change the channels when playing the loop material, set the *[CHANGE | FORWARD | REVERSE]* switch in the *[CHANGE]* position. To use the effect of variable playback speed and pitch, set the *[STOP | FX]* switch in the *[FX]* position and press the *[FX]* foot switch. The *[FX]* LED lights up red now. Now use the rotary control *[SPEED]* to select one of the three sped up (*[FAST]*, max. 1.5-fold speed) or one of the seven slowed down (*[SLOW]*, max. half speed) modes. In the *[NORMAL]* position, playback speed is unaffected. Set the *[CHANGE | FORWARD | REVERSE]* switch in the position *[REVERSE]* to let the device play the loop material backwards. The *[FX]* LED lights up green now. To disable both effects, press the *[FX]* foot switch. To stop playback set the *[STOP | FX]* switch in the *[STOP]* position and press the *[FX]* foot switch. The *[FX]* LED turns off.

**Deleting loop**

To delete the entire loop material irretrievably set the *[STOP | FX]* switch in the *[STOP]* position and hold the *[FX]* foot switch pressed for about 2 seconds, until the *[LOOPER]* LED turns off.

**USB transfer**

To copy the loop material to a computer, connect the USB port of the active device to the computer using the included USB cable. The necessary driver is installed automatically. If a message appears on the screen to update the software, we recommend that you perform the update. The looper interface then appears with the two options *'IMPORT'* and *'EXPORT'*. Use the mouse to click on *'IMPORT'* if you want to copy files from the computer to the pedal. Click on *'EXPORT'* if you want to copy files from the pedal to the computer. Then follow the on-screen instructions.

# 7 Technical specifications

| | |
|---|---|
| Operating supply voltage | 9 V ⎓ via external power supply (item no. 108096), not included |
| Current consumption | 90 mA |
| Input impedance | 470 kΩ |
| Output impedance | 100 Ω |
| Audio format for file exchange via USB | WAV audio, 48 kHz / 24 bit |
| Dimensions (W × H × D) | 108 mm × 90 mm × 43 mm (15.35in. × 5.31in. × 15.55in.) |
| Weight | 362 g |

# 8 Protecting the environment

**Disposal of the packaging material**



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.

**Disposal of your old device**



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE). Do not dispose with your normal household waste.

Dispose of this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.

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