

## Quick start guide

This document contains important information on the safe use of the product. Read and follow the safety instructions and all other instructions. Keep the document for future reference. If you pass the product on to others, please include this document. Contents are subject to change. Please refer to the latest version of the documentation, which is available for download at [www.thomann.de](http://www.thomann.de).

## Safety instructions

### Intended use

This device is used to supply phantom voltage to up to two AKG or t.bone condenser microphones and to mix two microphone 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 damage resulting from improper use.

This device may be used only by persons with sufficient physical, sensory, and intellectual abilities and the necessary 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.

### 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.

### Risk of fire due to incorrect polarity!



Incorrectly inserted batteries may cause fires and destroy the device and the batteries. Observe the markings on the batteries and on the device. Ensure that proper polarity is observed when inserting batteries.

### Possible damage due to leaking batteries!



Batteries can leak and cause permanent damage to the device. Remove the batteries from the device if it is not going to be used for an extended period of time.

### Danger of short circuit due to use of unbalanced cables!



The device has a phantom voltage input. Using unbalanced cables with the phantom power may damage the device. Use only balanced cables. Before switching on the phantom power, always ensure that no cables with unbalanced wiring are connected.

### Interference with neighbouring electrical receivers due to electromagnetic field!



The device emits an electromagnetic field during operation. Using the device near receiver devices (e.g. radios or TV sets) may cause interference. If the device interferes with neighbouring receivers during operation, increase the distance between the device and the receivers experiencing interference.

### 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". 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.

### General handling

- To prevent damage, never exert force while operating the device.
- Never immerse the device in water. Wipe only with a clean and dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents

### Keep foreign substances away from the device!

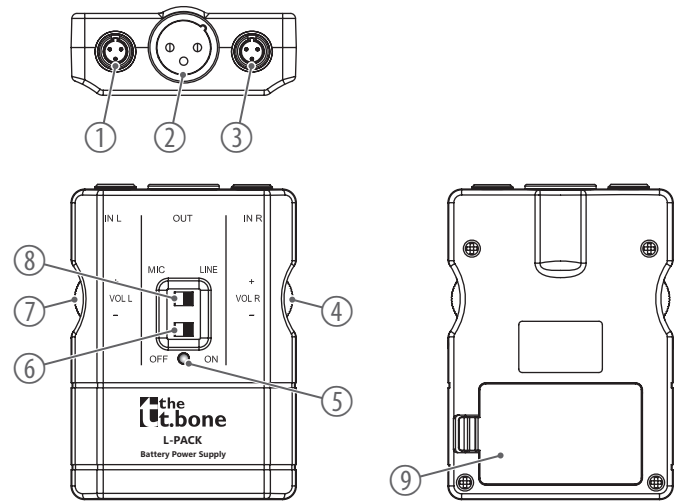
Keep the device away containers with liquid. If any liquid penetrates the device, this could destroy the device or cause a fire. Be aware that no metallic parts come inside the device.

## Features

- Lightweight and sturdy battery power supply for two AKG or t.bone condenser microphones
- Operation via a 9 V block battery
- Two mini XLR inputs with separate volume controls
- Balanced XLR output
- Switchable mic/line level
- Phantom power
- With belt clip
- Up to 20 hours of battery life

## Connections and controls

1. [IN L] | Left microphone input, designed as a mini XLR panel plug, 3-pin
2. [OUT] | Output for connecting a line level device, designed as an XLR panel plug, 3-pin
3. [IN R] | Right microphone input, designed as a mini XLR panel plug, 3-pin
4. [VOL R] | Volume control for the right channel
5. Status LED. This LED lights up when the device is on.
6. [OFF/ON] | Main switch. Turns the device on and off.
7. [VOL L] | Volume control for the left channel
8. [MIC/LINE] | Switch for switching the output level
9. Battery compartment



## Inserting a battery

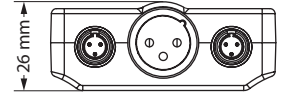
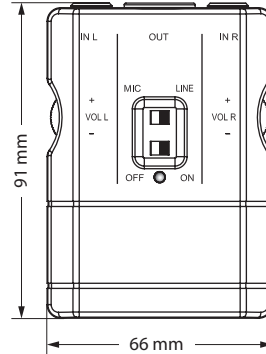
1. Make sure that the main switch is in the [OFF] position.
2. Spread the belt clip until its end pieces emerge from the housing openings and set it aside.
3. Remove the battery compartment cover.
4. Connect the battery to the contacts of the device. Pay attention to the correct polarity.
5. Insert the battery in the battery compartment.
6. Put on the battery compartment cover and reattach the belt clip to the housing.
7. Put the main switch in the [ON] position to switch on the device.

## Operation

1. Connect up to two suitable microphones to microphone inputs [IN L] or [IN R]. The signals from both inputs are mixed together in the device.
2. Connect the [OUT] output of the device to the chosen device (mixer, recording device or similar) by means of an XLR cable.
3. Adjust the output level of the device to the input of the connected device. If the device is expecting microphone levels, set the switch to the [MIC] position. If the sensitivity of the device is lower, put it in the [LINE] position.
4. Put the main switch in the [ON] position to switch on the device.
5. Adjust the volume for the inputs using the [VOL L] or [VOL R] controls.
6. If necessary, use the belt clip to clamp the device to your clothing or equipment.
7. Put the main switch in the [OFF] position to switch off the device.

### Technical specifications

Input connections	2 × mini XLR panel plug, 3-pin
Input channels	2
Input level, max.	0 dBV
Input impedance	5 k $\Omega$
Input attenuation	-50 dB
Output connections	1 × XLR panel plug, 3-pin
Output level, max.	0 dBV +/- 1 dB @ k < 1% and battery voltage = 9 V
Max. phantom voltage	48 V
Jitter	typ. 200 $\Omega$ , unbalanced
Gain	Mic: 0 dB +/- 1 dB Line: 40 dB +/- 2 dB
Noise	< 8 $\mu$ V (A-weighted)
Frequency range	20 Hz...20 kHz
Supply voltage	9V block battery, 6F22
Current consumption	max. 10 mA
Dimensions (W × H × D)	66 mm × 91 mm × 26 mm
Weight	130 g
Ambient conditions	Temperature range 0 °C...40 °C Relative humidity 20%...80% (non-condensing)





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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.



Do not dispose of batteries and rechargeable batteries with normal household waste, but in accordance with the local regulations for the disposal of hazardous waste. Use the available collection sites or contact your local waste disposal facility. Before disposing of your old device, remove the batteries if this is possible without destroying it.



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](http://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 Thomann GmbH classified ads.

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



Observe the disposal note regarding documentation in France.