



DE130T, DE130N

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.

Safety instructions

Intended use

This device is designed for sound reinforcement. 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 death from electrical current!



The device contains parts where high voltage is present. Never remove any covers! There are no user-serviceable parts inside the device. Do not use the device if covers, safety equipment or optical components are missing or damaged.

Risk of death from electrical current!



Cable ends and screw terminals can conduct potentially lethal voltage. The connection of screw terminals and all maintenance and repair work on the electrical installation of the device may only be performed by a qualified electrician. Always perform maintenance and repair work when the device is free from voltage. Failure to comply may result in electric shock, fire and loss of life. By all means you have to observe all electrical safety instructions applicable at the place of operation.

Risk of injury due to improper ceiling installation!



Improper ceiling installation can lead to serious injury and property damage due to falling. The installation of the device may only be carried out by a qualified installer who has knowledge of the appropriate fastening options and techniques. The installer is responsible for checking the reliability of the fastening techniques used.

Possible hearing damage due to operating the device at a high volume!



The device can produce volume levels that, when operated at a high volume, may cause temporary or permanent hearing impairment. Over an extended period of time, even levels that seem to be uncritical can cause hearing damage. Avoid operating the device at excessively high volumes over an extended period of time. Decrease the volume level immediately if you experience ringing in your ears or hearing impairment. If this is not possible, keep a greater distance or use suitable ear-muffs.

Possible property damage to adjacent devices due to magnetic fields.



Speakers generate a static magnetic field. This magnetic field can affect other neighbouring units and in unfavourable cases damage them. Ensure that speakers are always a sufficient distance away from sensitive equipment that may be affected by an external magnetic field.

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 subject to direct sunlight, heavy pollution 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!

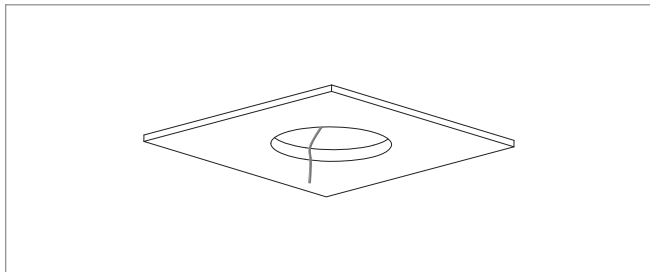
Keep the device away containers with liquid. If any liquid penetrates the device, this could destroy the device or cause a fire. Ensure that no metallic parts enter the device.

Features

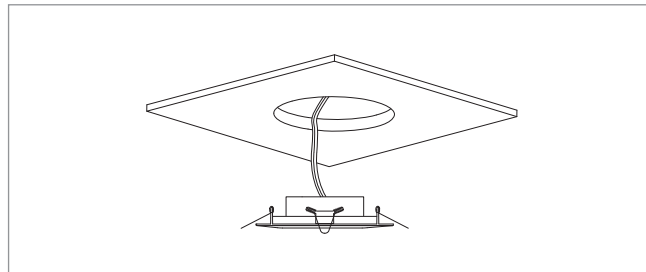
- One-piece speaker for ceiling installation with ball-proof grill
- Suitable for installation in all kinds of ceilings
- The 130 mm chassis features high sound pressure level and a very good frequency range
- Quick and easy assembly thanks to patented installation system with spring clips
- The chassis is impregnated and thus protected from moisture
- 100 V transformer with power taps for 6 W/3 W/1.5 W (item no. 427200)
- The connection is touch-proof and established via a quick-push terminal

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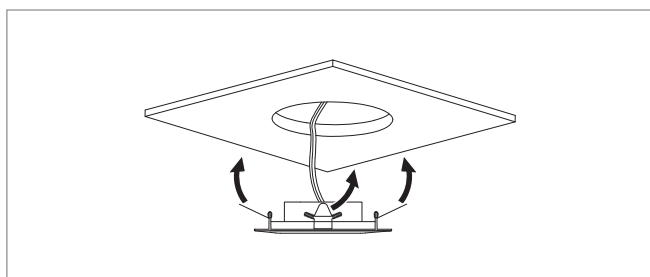
Mounting



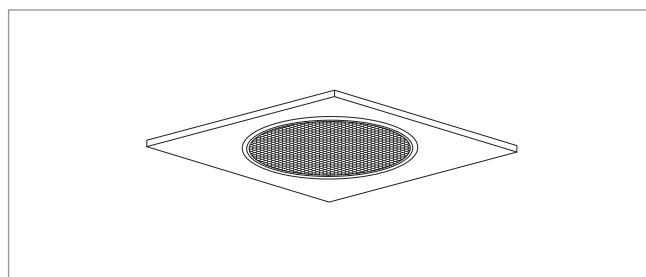
1. Drill a hole in the ceiling installation (Ø 140 mm...150 mm). Pull the speaker cable out of the hole.



2. Connect the speaker cable to the speaker.



3. Use the spring clips to secure the speaker in the hole in the ceiling installation.



Technical specifications

System	Passive speaker	
Configuration	Woofer	1 × 5" speaker (ferrite) with 1" voice coil
Input connections	Clamping connection (quick-push terminal)	
	Item no. 427200	100 V
	Transformer	(6 W/3 W/1.5 W)
Frequency range	Item no. 427200	70 Hz...19 kHz
	Item no. 475404	60 Hz...20 kHz
Load capacity	Item no. 427200	RMS: 6 W
		Peak: 15 W
	Item no. 475404	RMS: 25 W
		Peak: 40 W
Sensitivity (1 W / 1 m)	93 dB	
Rated impedance	4 Ω	

Max. sound pressure level	Item no. 427200	101 dB SPL
	Item no. 475404	105 dB SPL
Max. short-term sound pressure level	Item no. 427200	103 dB SPL
	Item no. 475404	107 dB SPL
Beam angle (H × V)	180°	
Dimensions (Ø × H)	Item no. 427200	167 mm × 62 mm
	Item no. 475404	167 mm × 48 mm
Weight	Item no. 427200	1.0 kg
	Item no. 475404	0.8 kg
Ceiling cutout (Ø)	140 mm...150 mm	
Installation depth	Item no. 427200	62 mm
	Item no. 475404	48 mm
Ambient conditions	Temperature range	0 °C...40 °C
	Relative humidity	20%...80% (non-condensing)



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.



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 at 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.