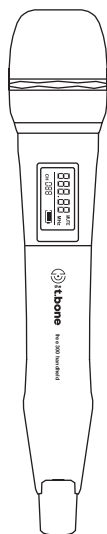


free 300 Handheld 823 free 300 Handheld 548



- Battery-powered dynamic UHF microphone
- Suitable for the "free 300" series
- Cardioid microphone
- Display indicating the frequency and battery status
- Built-in antenna
- Infrared sensor for synchronisation with the receiver

Technical specifications

■ Transducer principle ■ Polar pattern ■ Frequency range	- Dynamic - Cardioid	
■ Max. transmission power ■ Max. input level ■ Switching bandwidth	- the t.bone free 300 Handheld 823 - the t.bone free 300 Handheld 548	823 MHz...832 MHz / 863 MHz...865 MHz 548 MHz...572 MHz
■ Modulation type ■ Input impedance ■ Range in free field of vision ■ Range of the infrared connection for the synchronisation between transmitter and receiver ■ LF frequency response ■ Total harmonic distortion ■ Spurious rejection ■ Peak deviation ■ Signal-to-noise ratio ■ Battery of the device (optionally available)	≤ 10 mW + 10 dBu - the t.bone free 300 Handheld 823 - the t.bone free 300 Handheld 548 - Frequency modulation (FM) 600 Ω - Up to 100 m 200 mm 20 Hz...18 kHz (±1 dB) < 0.3% > 65 dBc ± 5 kHz ≥ 106 dB(A) - Type of battery	11 MHz 24 MHz
■ Dimensions (L × Ø) ■ Weight ■ Ambient conditions	- Voltage 243 mm × 53 mm 301 g - Temperature range - Relative humidity	2 × non-rechargeable or rechargeable battery (AA) 1.5 V 0 °C...40 °C 20%...80% (non-condensing)



The detailed user manual is available for download on the product pages for items no. 613183 and 613184 on our website www.thomann.de.



Discover the entire t.bone range
on our website:
tbone.audio



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the full audio experience:
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Visit our YouTube channel for
product videos and interesting stories:
tbone.audio/youtube

General information

This document contains important information. Read and follow the 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.

Intended use

This device is used to convert acoustic signals into electrical signals. Any other use is considered to be improper and could 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.



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 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.



Property damage due to improper handling!

Improper handling may damage the microphone. Never remove the screen of the microphone! Do not drop the microphone. When transporting or storing the microphone, use the original packaging or your own packaging material suitable for transport or storage. Only clean the microphone with a slightly damp cloth.



Fire hazard due to incorrect polarity and incorrect battery type!

Incorrectly inserted batteries can cause fires and destroy the device as well as the batteries. To extend the life of batteries, use rechargeable batteries if possible. Only use batteries of the battery type specified in the "Technical specifications" chapter. Observe the markings on batteries and on the device. Ensure that proper polarity (+/-) is observed when inserting battery.



Possible damage to the device due to leaking batteries when not in use!

Batteries may leak and permanently damage the device. If you are not using the device for a long time, remove the batteries from the device. Store batteries in their original packaging in a cool dry place.



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.



Disposal of batteries

As an end user, you are obliged to dispose of batteries responsibly as they contain hazardous substances that, if improperly handled, can endanger the environment, health and safety. Always pay attention to the symbol of the crossed-out waste container – it indicates that batteries must be collected separately.

Before disposal, check whether batteries can still be used in other devices. You can pass on used but still functional batteries for re-use. Take advantage of the return options offered so that batteries can be reprocessed or recycled. Check local reuse or reprocessing programs for batteries.

Never dispose of batteries via household waste or by illegally dumping them in the environment, but always separate them from other waste. Improper disposal can release harmful substances and cause significant hazards to humans and nature.

Only dispose of batteries in line with the local regulations on the disposal of hazardous waste. Use the available collection sites or contact your local waste disposal facility. Remove batteries from the device before disposal if this is possible without destruction.

By following these instructions, you are making an important contribution to the protection of people and the environment.



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 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. You can use the Thomann GmbH classified ads, for example.

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



Observe the disposal note regarding documentation in France.