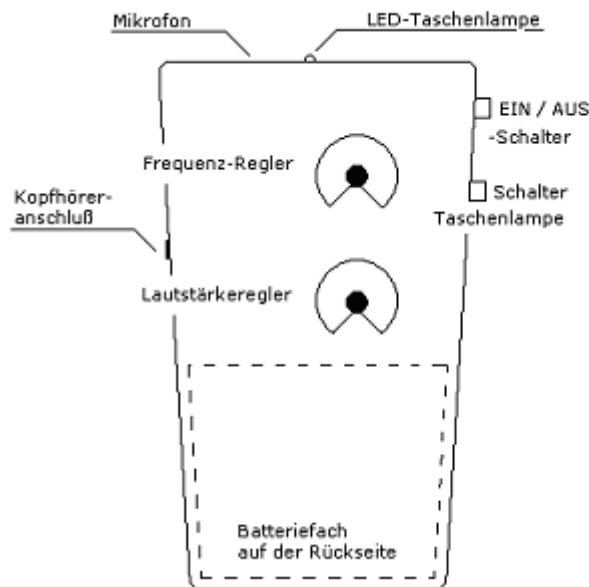


Instructionmanual

CDB 105



Introduction:

Thank you for buying the CDB 105 mono – bat detector. Because of the modern SMT-technics and design it is very handy and easy to use. The case of the detector is made of solid plastics. Make sure that you protect the bat detector against wetness. The time of warranty is 24 month from date of purchase. We hope that you enjoy the observation of bats with your detector.

Included in delivery:

The CDB 105 mono is shipped with a lightweight headphone. A battery is not included in the package. For operation you need a standard 9V battery. Please use only alkaline batteries or rechargeable accumulators.

Inserting the battery:

Please open the battery-cover at the backside. Connect the battery clip with the battery and inserting it. Close the battery-cover. You can leave the battery in the detector. Please remove the battery, if the detector is unused for a longer time (for example: winter), so you inheriting damage by leaking battery.

Operation and function test:

Connect the headphone with the phone-jack at the left side of the detector. The detector is switched on with the upper switch on the right side. You must hear a noise in the headphone. With the volume-regulator you can change the volume. By rubbing fingers near the microphone, you will hear a noticeable noise. By pressing down the other switch, the integrated LED torch is activated. The torch-function is only active when the detector is powered on!

Frequency tuning:

With the tuning knob you are able to adjust the frequency from about 18 Khz up to 120 Khz. You can watch the adjusted frequency on the scale.

Here are some samples of species can be heard

Nyctalus noctula	ca. 21 kHz
Eptesicus serotinus	ca. 28 kHz
Eptesicus nilsoni	ca. 30 kHz
Pipistrellus nathusii	ca. 38 - 40 kHz
Pipistrellus pipistrellus	ca. 45 kHz

Technical data:

Principle	Heterodyn receiver
Frequencyrange	18 KHz - ~ 125 Khz
Frequencydisplay	printet scale
Connector	3,5 mm jack stereo (mono wired)
Headphone	Headphone included
Amplifier	1W Monoamplifier
Mikrophone	Backelektret
cutoff frequency	ca. +/- 5 Khz
Current consumption	30-40mA
additional for torch	25mA
Torch	bright LED torch

Supplyvoltage	Battery 9V
Dimension (LxBxH)	140 mm x 64 mm x 31 mm
Weight	130 Gramm

Troubleshooting and warranty:

If your CDB 105 is not working correctly, then check the battery first. Is the detector still not working after replacing, please send the faulty detector back.

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In the time of warranty (24 month from date of purchase), the detector is being repaired free of charge. The warranty is void, if the seal is broken and/or the case is damaged. Feel free to contact us also after warranty.