

Instuctionmanual

CDB 205



Introduction:

Thank you for buying the CDB 205 – 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.

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. Only use alkaline batteries or NiMH Akkus.

Operation and function test:

The detector is switched on with the upper switch on the right side. You must hear a noise in the speaker. 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 range:

This detector transforms the whole range from 18kHz to 120 kHz down by 10, so the bat-calls can be heard from 1,8 to 12kHz, depending on the original frequency.

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	Frequency division receiver
Range	18 KHz - ~ 120 KHz
Connections	3,5mm line-out jack
Amplifier	1W mono-amplifier
Microphone	Backelectret microphone
Power consumption	20-30mA
Additional for torch	25mA
Torch	Bright LED-torch
Supply voltage	9V battery
Dimensions	140 mm x 64 mm x 31 mm
Weight	140 Gramm

Troubleshooting and warranty:

If your CDB 205 mono 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.

