



BATBOX Duet

Dual mode bat detector for post recording analysis of sonar peak frequency.
Single-handed operation with back-lit LCD display

The BATBOX Duet is a dual-mode bat detector, with both heterodyne and frequency division, which has been designed for single-handed operation. The large LCD back-lit display is extremely accurate and easy to read at all light levels. Frequency amplitude detection allows post-recording computer analysis of sonar peak-frequencies. A reference tone of 10kHz has been incorporated for calibrating tape recordings and for coding signals. The unit is extremely easy to use and comes supplied with a soft carrying case.

Specifications:

Mode 1 Heterodyne

Tuneable range (heterodyne) 17kHz - 125 kHz
Bandwidth: >16kHz
Tape out (3.5 mm socket): line level to right channel only
Headphone out (3.5 mm socket): to both channels (8 -16 ohm)
Display: 12.5 mm digital LCD with back-light
Counter accuracy: less than 100Hz
Display Accuracy: 1 digit

Mode 2 Frequency division

Divide by 10
Dynamic Input Waveform Tracking
Tape out: line level to left channel only
Microphone: electret condenser
Range : 17kHz -125kHz
Reference tone: 10.238kHz to left channel of tape output, via tactile panel switch

General

Suitable recording formats: DAT, MiniDisc, compact cassette
Speaker: weatherproof 35mm
Amplifier: 350mW (max)
Power supply: 1 x 9v PP3
Quiescent current: 22mA
Wrist strap: high-strength polyester woven cord
Case: fitted soft nylon micro-weave with zip and belt loop
Dimensions: 125 x 69 x 32 (mm)
Weight: 147gm (without battery)