

THE DENOISER BOX

Compact real-time noise filtering and speech enhancement device

The Denoiser Box is a compact device based on our award-winning Denoiser DSP board and designed for real-time enhancement of analog audio signals. The Denoiser Box decreases overall noise level, greatly improving speech signal intelligibility.

APPLICATIONS

Police, Technical investigators, Surveillance teams, Private investigators, Forensic labs and other Law Enforcement Agencies:

Live sound and speech quality improvement while recording or listening in field conditions.

Broadcasting Companies:

Mastering of "live" interviews and reports. Live speech quality improvement when recording in field conditions.

SPECIFICATIONS

- Noise suppression depth:
 - 0-24 dB for single-channel filtering
 - 0-40 dB for reference channel stereo filtering
- Operating time (without battery change) - up to 4 hours.
- Signal sampling rate:
 - 11 025 Hz for single-channel scheme
 - 8 000 Hz for dual-channel scheme
- Adjustable signal bandwidth - 200-5000 or 300-3400 Hz.
- AGC adjustment range:
 - 12 dB input
 - 6 dB output
- Size: 110×45×113 mm (4,33×1,77×4,49 inches)
- Weight: 360 g (12.86 ounces)

HIGHLIGHTS

- Effectively decreases broadband (industrial, street etc.) and harmonic noises and interferences. Adaptive noise filtering algorithms keep speech signal clear and undistorted.
- Removes noises from:
 - Air conditioning
 - PC and office equipment
 - Vacuum Cleaners
 - Radio Channel
- Signal bandwidth adjustable.
- Adjustable AGC (Automatic gain control).

DELIVERY SET

Denoiser Box delivery includes:

- Denoiser Box device with a single-channel filtering algorithm
- AC 100-240 V 50/60 Hz power supply unit
- Two signal input/output cables
- Cable for connecting Denoiser Box to Gnome digital voice recorders (for processed signal recording)
- Carrying case
- User manual
- Two additional mini-XLR connectors Additional items delivered upon request:
 - 12 V power cable (lighter plug)



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