



CLEAR SOUND DNCS-2/RS Stereo Noise Reduction System

Features

- Incorporates advanced signal processing algorithms
- Switchable noise suppression
- Audio input level indicators
- Excellent speech recovery from near-unusable signals
- Excellent noise cancellation up to 20dB
- Adjustable Gain 0 - 40dB
- Connects directly to headphone or line output of audio source
- Record output can be switched to filtered or non-filtered



Ideal for use with the Woodpecker SS030 stereo stethoscope

Applications

- Portable system for use as a base processing unit
- Field deployable system, live listening post
- Covert surveillance using hard-wired microphones
- Removal of background noise from speech on continuous and adaptive basis
- Cancel TV/radio noise
- Ideal for use with the Woodpecker SS030 stereo stethoscope
- Stereo digital noise canceling system



ClearSound DNCS-2/RS is a superb portable system for use as a base processing unit or field deployable system. The DNCS-2/RS provides independent signal processing and loudspeaker monitoring of each channel.

Introduced primarily to process the output from the well-known 'Woodpecker' stereo stethoscope & other contact through-wall microphones this 2-channel unit can be used in a variety of ways to increase the clarity of voice communications and is ideal for use as a surveillance base unit.

The DNCS-2/RS can drastically reduce incoming noise from radio monitoring receivers, telephone line intercepts and GSM phones. No operator adjustments are required as the software "learns" the structure of the audio signal on a real-time basis. The necessary corrections to the signal are then applied automatically so as to produce the best possible signal-to-noise ratio.

Simultaneous non-filtered line out sockets provide a mirror image of the input signal which can be used for comparison or evidential use with a two channel recorder. Additionally existing noisy recordings can simply be played back through the DNCS-2/RS to copy and virtually eliminate tape hiss and other background noise.

Technology

The DNCS-2/RS incorporates advanced signal processing algorithms, which are specifically designed for the removal of background noise from speech on a continuous and adaptive basis. This technology enables the recovery of voice audio that is clear and intelligible from signals that are, in many cases, unusable. ■

Technical Specifications

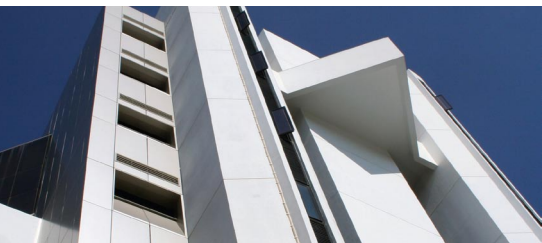
White noise reduction	Up to 20dB
Single tone reduction	Up to 40dB
Filter selection	4 position switch (L,M,H &S)
Bandwidth	250 - 4000Hz
Path delay	31msec
Audio inputs left & right	0dBm max. phono sockets
Record outputs left & right	0dBm max. phono sockets
Line outputs left & right	0dBm max.
Loudspeaker output	2 Watts RMS max.
Headphones socket	1/4" stereo jack
Audio input	2 Channels
Operation time	4 - 5 hrs between recharges
Power	Internal rechargeable batteries
Housing	Waterproof & airtight Peli case
Dimensions	210 x 170 x 90mm
Weight	3Kg

Product Codes

CLEAR SOUND DNCS-2/RS Stereo Noise Reduction - Full System

3-299-685

DNCS-2/RS stereo digital noise reduction unit with mains power supply, internal rechargeable batteries, mains battery charger, full cable set, audio adaptors, demonstration tape all housed in Peli waterproof case



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