

CLEARSOUND DMP-5 Noise Reduction System



Features

- Advanced, hardware-based adaptive noise reduction DSP
- Switchable noise reduction levels from 0 to 20dB
- Use with any microphone, recording or transmitting device
- Gain and volume level controls for both input and output signals
- Real-time speech enhancement with minimum residual artifacts
- Battery operation
- Supplied with test ECM microphone and ANC headphones
- Pushbutton adaptive noise reduction with latency of only 10msecs



Applications

- Covert surveillance using hard-wired microphones
- Filter out common ambient noise, background noise removal
- Field deployable system, live listening post
- Belt-mount portable operation
- Existing video/audio systems
- Noisy or reverberant spaces
- SWAT, tactical task forces



ClearSound DMP-5 brings ultimate hardware performance to enhance speech in real-time monitoring. The DMP-5 enables pushbutton adaptive noise reduction up to 20dB, with latency of only 10msecs.

Use the DMP-5 with any microphone to instantly filter out common ambient noise, such as street traffic, train, plane or helicopter backgrounds, air-conditioning noise, as well as the dynamically changing noises found in public spaces.

Compact and wearable, the DMP-5 provides switchable microphone and line inputs with adjustable gain control; headphone and line outputs with adjustable volume control; and an optimal input signal LED indicator.

The DMP-5 is supplied with high-quality ANC headphones, "test" ECM microphone, line-in cable, soft pouch with beltmount hook and carrying case.

Technology

The advanced DSP is modelled for human speech and hearing, providing very high quality signal restoration while eliminating common processing artifacts, like ringing or musical noise - even in low amplitude situations.

Technical Specifications

Noise reduction filters	0, 6, 14, 20dB in switchable steps
Sampling frequency	16kHz
Latency	10msec
ADC resolution	16bit
Bandwidth	200 - 8000Hz
Power consumption	6-15V DC, 9V battery, < 80mA
Audio input connector	∅ 3.5mm
Audio output connector	∅ 3.5mm
Dimensions (LxWxH)	92 x 57 x 23mm
Weight	100g with battery

Product Codes

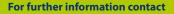
CLEARSOUND DMP-5 Noise Reduction - Full Systems

3-299-682 DMP-5 portable noise reduction unit with internal battery, output lead, test EMC microphone, ANC headphones, pouch with belt-mount hook

and carrying case.

3-299-683 DMP-5 portable noise reduction unit with internal battery





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