



**AUDIOCLEAR**

**AUDIOCLEAR** 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, distinguishable and intelligible from signals that are, in many cases, unusable.

A major operational advantage of this technology is that, once connected, 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.



**A SUPERB PORTABLE SYSTEM FOR USE AS A BASE  
PROCESSING UNIT OR FIELD DEPLOYMENT SYSTEM**

This totally self-contained 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. It can be used to drastically reduce incoming noise from radio monitoring receivers, telephone line intercepts and GSM phones. Existing noisy audio tapes can be simply played back through the unit to copy and virtually eliminate tape hiss and other background noise.

The unit is housed in a rugged waterproof case and is supplied with a mains battery charger, demonstration tape and full lead set.

## FEATURES

- **Switchable noise suppression**
- **Excellent speech recovery from near-unusable signals**
- **Audio input level indicator**
- **Low battery indicator**
- **Connects directly to headphone or line output of audio source**
- **Removes:**
  - Fan and wind noise**
  - Background noise**
  - Telephone line noise**
  - GSM remote intercept noise**
  - RF Path Noise**
  - Mains "buzz"**
  - Co-channel heterodynes**
  - Vehicle borne interference**
  - i.e. road, tyre and traffic noise**

## SPECIFICATIONS

**Dimensions:** 21 x 17 x 9cm

**Mechanical:** Waterproof & airtight Peli case

**Weight:** 1300gms

**Power:** Internal Rechargeable Batteries

**Operating Time:** 6-7 hours between recharges

**Audio Input:** 0dBm maximum

3.5mm mini-jack or phono\*

**Record Output:** 0dBm

3.5mm mini-jack or phono\*

**Loudspeaker Output:** 2 watts RMS max.

**Headphones Socket:**3.5mm mini-jack

## NOISE CANCELLATION CHARACTERISTICS

**White Noise Reduction:** p to 20dB

**Single Tone Reduction:** Up to 40dB

**Filter Selection:** 3 position switch (L, M & H)

**Bandwidth:** 250-4,000Hz

**Path Delay:**31msec

## ORDERING INFORMATION

- A. DNCS-2R/P INPUT/RECORD O/P CONNECTORS-  
PHONO TYPE**
- B. DNCS-2R/J INPUT/RECORD O/P CONNECTORS-  
3.5MM MINI-JACK (LOCKING TYPE -/JL)**