

CEDAR Audio Ltd

20 Home End
Fulbourn
Cambridge
CB21 5BS
UK
w: www.cedaraudio.com
e: info@cedaraudio.com

CEDAR Audio USA

82 Gilman Street
Portland ME 04102
e: cedarusa@cedaraudio.com

CEDAR Deutschland

Görlitzer Str. 3
D-49525 Lengerich
e: info@cedaraudio.de

Major dealers:

Australia/China/Singapore

CDA Professional Audio
www.cda-proaudio.com

Benelux

Joystick Audio
www.joystick.be

Brasil

Visom Digital
www.visomdigital.com.br

Canada

YSL Pro
www.yslpro.com

Czech Republic

Janz Audio
www.janzaudio.com

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Interstage
www.interstage.dk

France

SAV
www.sav.tv

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Overtone Audio
www.overtone.audio

Ireland

Audio Warehouse
www.AudioWarehouse.ie

Israel

Kilim Pro Sound & Light
www.kilim.org.il

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www.leadingtech.it

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Acoustic Field
www.acousticfield.jp

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Mohave Technology
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www.761mph.net

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www.cedaraudio.com

CEDAR dns4



the portable dialogue noise suppressor that *everyone* can use

everywhere
location studio live





The portable dialogue noise suppressor that everyone can use everywhere

CEDAR's dialogue noise suppression (DNS) technology is used on the highest quality productions and broadcasts to eliminate traffic noise, air conditioning, wind, rain, babble and general background noise from audio. It will help to compensate for unfavourable acoustic conditions and poor microphone placement, and will even suppress excessive reverberation.

It's used to clean up sound for film production, to suppress ambient noise for live broadcasting, to refresh sound libraries, and to enhance speech for audio forensic investigations. It's an industry standard that has earned a string of awards including an Emmy®, an Academy Award®, an IABM Award® and two Cinema Audio Society Awards

The DNS 4 is the most advanced portable model in the DNS series, taking up little more space than the DNS 2 yet doubling the number of channels available.



It's incredibly quick and simple to use; the DNS algorithm requires nothing more than switching on the Learn function that identifies and adapts to the background noise, and then adjusting the amount of noise attenuation required. Notwithstanding this simplicity, it can achieve remarkable results. What's more, despite being so convenient that you can slip it into your pocket or equipment bag, it offers analogue line and ultra low-noise microphone inputs (the latter with optional 48V phantom powering), AES3/AES11 digital inputs, and both analogue and digital outputs. And, to increase its flexibility still further, it runs on 12V power so you can use it in the middle of a field as easily as in the studio or edit suite.

Retaining the near-zero latency of its predecessors, the DNS 4 is suitable for use in all situations - location recording, live-to-air broadcasting and live sound in venues such as theatres and concert halls, conference venues and places of worship, as well as in the studio.

Specifications

Number of channels: 4
Process type: CEDAR DNS with Learn

Analogue audio

Mic and line inputs: Balanced XLR3F
Line input 3 & 4: Balanced TA3 mini-XLR
Line output: Balanced TA3 mini-XLR
Output signal level: +4dBu nominal
Maximum output: +24dBu
AD/DA resolution: 24-bit linear PCM
Sample rate (internal sync): 48kHz
Sample rate (external sync): 40kHz - 100kHz
Phantom power on mic input: 48V ±4V, 10mA per mic

Digital audio

Input: AES3 or AES11 via balanced TA3 mini-XLR
Sample rate sync range: 40kHz - 100kHz
Output: AES3 via balanced TA3 mini-XLR
Sample rate (internal sync): 48kHz
Sample rate (external sync): Locked to digital input

Processing

Process resolution: 40-bit, floating-point
Minimum latency: <0.1ms

Power

Input: 8V to 17.5V (nominal 12V)
Connector: 4-pin Hirose HR10

Dimensions

Size: 185mm x 130mm x 45mm
Weight: 750g



In addition to our DNS 2, DNS 4 and DNS 8D dialogue noise suppressors, we created the Emmy® award winning CEDAR Studio software suite, which is a worldwide standard for noise suppression in film, TV and video post.