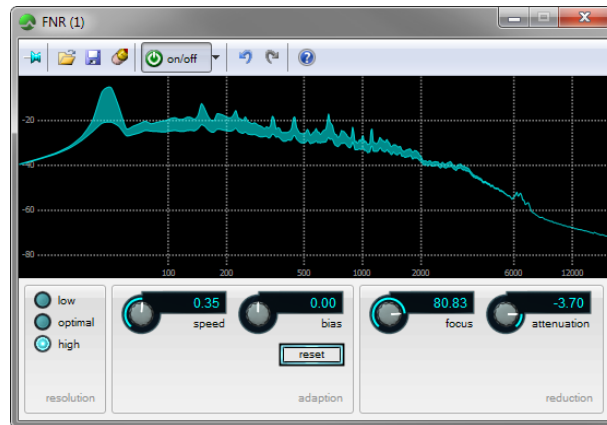# Effective broadband noise reduction…

CAM25: FNR

CEDAR has been enhancing speech for more than 30 years, and one scenario has proved to be stubbornly problematic - revealing and increasing the intelligibility of voices recorded in noisy and rapidly changing environments such as moving vehicles, crowded cafés, and other public spaces. While the venues and scenarios may vary greatly, the problem remains the same. How do you reveal the speech when the signal to noise ratio is very poor, or if the perceived noise on the recording is actually other human voices?

The Solution

FNR is an automated noise reduction system for speech recordings suffering from very poor signal/noise ratios, and is capable of performance that would have seemed impossible just a few years ago. Because it's adaptive, it reacts - and reacts quickly - to changes in the background noise, and is capable of revealing much more of the wanted signal without having as much effect on the wanted voices as other filtering systems. This also makes it of great value in post and broadcast wheh there's simply no other way to reveal the wanted speech in interviews and news reports recorded in challenging environments.

Speed and simplicity

FNR is extremely quick and simple to use. It requires no noise fingerprint and constantly adapts to the noise present in the input signal while its controls determine the nature of the noise removal by allowing the user to adjust the spectral resolution of the process as well as factors relating to its adaption and noise reduction.

Automated noise reduction for the most difficult audio

CEDAR Cambridge

www.cedaraudio.com
CEDAR Audio Ltd +44 1223 881771
CEDAR Audio USA +1 207 828 0024
CEDAR Deutschland +49 5481 945087