

nCard – The mobile recording gadget

A custom-designed shielded sound card that connects to a mobile phone and allows to make high-resolution audio recordings anytime, anywhere. Recording of broken machines has never been easier.

Key features

- Pocket-sized and lightweight Analog-To-Digital Converter (ADC) with 2-channel recording capability (2 microphones/piezo sensors)
- The nCard Mobile App (Android) allows to record and tag audio files, upload them to Neuron soundware's cloud storage and receive a result from a pre-trained algorithm running in the cloud.
- Headphones output jack 3.5 mm for easy listening



Technical specification

nCard gadget		nCard mobile app	
Audio quality:	20 Hz - 22 kHz	OS:	Android
Dimensions:	57x86x26 mm (WxLxH)	Recording:	FLAC audio files, (supports any external USB microphone)
Weight, Material:	98 gram, ALU case	Uploading:	Via mobile networks (WiFi / LTE), offline recording supported
Sensors input:	2x mini XLR connector	Data labelling:	Custom-defined labels and project folders
Connection:	USB 2.0 port	Analysis:	Display of algorithm results from a server to the mobile phone