

Acoustic Camera On Your Hand

SoundGraphy



Portable and Quick
Noise Sources Identification

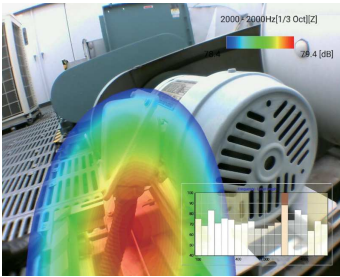
Features

- Super Small and Lightweight
- Battery Operation, A/C Power is Not Required
- Easy Connection
- Quick Operation with Tablet PC
- Realtime Noise Source Identification
- Record Data and Post Processing
- Noise Movie Recording Allows to Share Information from "GENBA"

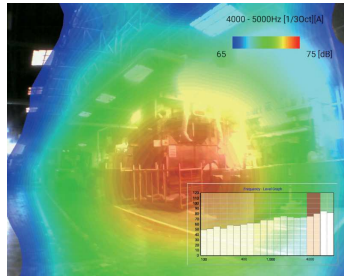


Lightweight and Compact

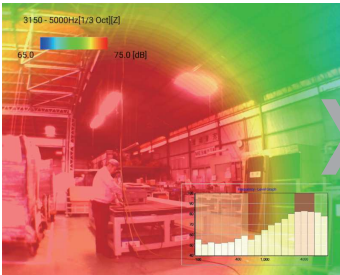
Applications



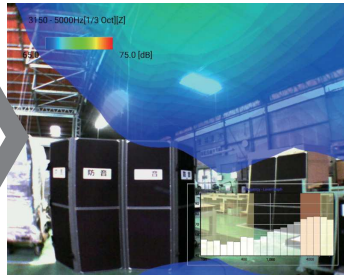
Identifying Rattling Noise



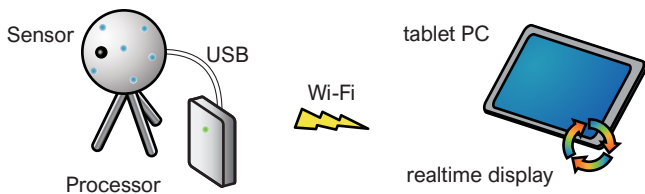
Noise Survey in Factory



Verifying Noise Countermeasure



System Configurations



Specifications

Hardware	
Sensor	
Number of Microphones	16
Number of Cameras	1
Number of LED Lights	2
Mounting Screw	1/4-20UNC
Dimensions	diameter: 100 mm
Weight	200 g (without cables)
Processor	
Dimensions	75 mm x 135 mm x 35 mm
Weight	214 g (without batteries)
Power Supply	AA battery x 4 pcs or DC 5V 2A
Communication	Wi-Fi
Complying Standards	IEEE 802.11a/n or g/n
Supported Encryption	WPA2-PSK
Common for both Sensor and Processor	
Operating Temperature	0 to 40 °C
Operating Humidity	90% or lower, without condensation
Software	
Sound Pressure Level Display	Bandwidth: 1/1, 1/3, 1/6, 1/9 or 1/12 octave band Frequency range: 100 to 8,000 Hz and Over All (OA)
Noise Source Identification Colormap Display	NSI Method: Beamforming Bandwidth: 1/1 or 1/3 octave band Frequency range: 1,000 to 4,000 Hz (1/1 octave band) 630 to 5,000 Hz (1/3 octave band)
Frequency Weighting	A, C, or Z
Time Weighting	0.05 to 20 s 0.125 s (Fast) and 1.0 s (Slow) is included
Time Resolution	8 frames / s
Languages	Japanese or English
Recording Time	32 s for each session
Supported Exporting File Formats	Still pictures: JPEG Movie: MP4 (Android) AVI (Windows)
Operating Systems	Android 5.1 to 7.0 or Windows 7, 10

Specification may subject to change for improvement.

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