Array Sphere120
120-channel system for measurements inside cabins

acoustic camera

Description

Microphone array mounted on a carbon fiber sphere-like meshwork, including 120 symmetrical buffered microphones and a USB-Video camera.

Characteristics

Microphones: Advanced disturbance tolerant 1/4' symmetrically buffered electret pressure receivers (based on Sennheiser microphone capsule 4211)

Number of Microphones : 120

Equivalent noise level: 27 dB(A)

Max. equiv. sound level: 130 dB

Frequency response: 100 Hz-20 kHz

Mechanical vibration damping: 100 Hz low cut filter

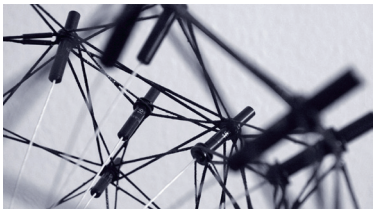
Symmetrical output resistance: 100 Ω

Dimension: carbon fiber sphere Ø 0,60 m

Recommended measurement distance: 0,5 m up to 3 m

Video camera: Logitech QuickCam Pro 5000

- Resolution: 640x480 Pixel, RGB
- Connector: USB

Operating environment: 0° - 40 °C, up to 80% r. h.

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