

Capture clear sound everywhere

At a distance and in the toughest sonic conditions



KONOS. A new class of microphone.

A compact 80-element high-fidelity, high sensitivity array with adjustable directivity and optional real-time noise filtering to capture the clearest sound at a distance, even in the most challenging sonic conditions.



Open up sound.

On the street, in the theatre, at an event, out in nature, up in the air, and in locations previously considered too noisy, windy, or expensive to set up and record in.

Effortlessly adapts to any situation.

Unique to Konos and a world-first, use built-in adjustable directivity to switch between extremely narrow or wide pickup angles. Record a lively sound with a flat response and a natural bottom end every time with one mic.

Knows every sound is valuable. Multiple virtual microphones capture target and ambient audio simultaneously to make mixing and post-production editing easier.

Removes noise while recording in the most extreme environments.

Eliminate off-axis noise in real-time with low impact on fidelity, using the optional noise filtering of the revolutionary KONOS processor.

Highly sensitive at a distance with extensive range.

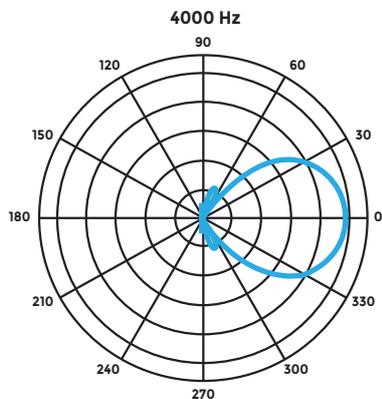
Sharp off-axis rejection and significantly reduced side and rear lobes keep your beam tight through a very wide range of frequencies, over long distances, inside and outside, and with impressive noise-handling tolerance.



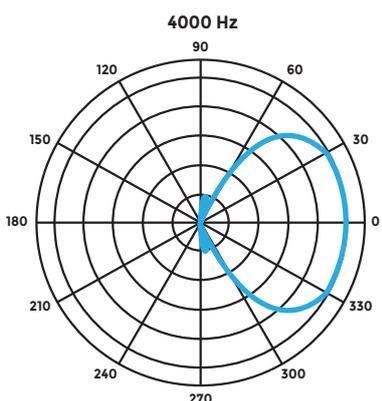
KONOS. Technical information.

Microphone pick-up patterns

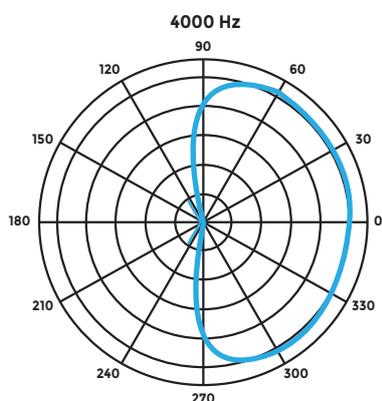
Narrow (30°)



Medium (50°)



Wide (90°)



Konos maintains negligible side and rear lobes across low and high frequency ranges.

Specifications

Transducer	80 element MEMS microphone array
Frequency response	50Hz – 20,000Hz
Audio output	3x XLR-M balanced outputs Line level +/- 4VRMS Front, null and processed
Power	External power 24V DC or Batteries 4 x 18650 Li-ion
Wattage	10W
Operating time with battery	~ 4 hours
Maximum sound pressure level	117 dBA
Dimension and weight	Konos array: L 230mm, ø 25mm, ~ 180g Konos processor: 1kg
Operating temperature	10°C to +40°C
Housing	Anodized aluminium
Qualified warranty (Manufacture defects)	1 year
Accessories (included)	Carry case, foam windsock, processor belt clip, array stand clip, user manual





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Arrange to hear a demo konos.dotterel.com

Dotterel Technologies are global specialists in acoustics for noisy environments and have designed patented solutions focused on the entertainment, emergency services and government sectors.

