

MAXXBEAM

Microphone-Array
Noise Suppression

To communicate in today's world, we use all sorts of devices, in all sorts of environments. But between noisy environments and hardware limitations, hearing and being heard has become a real technological challenge. Waves MaxxBEAM overcomes these obstacles to capture and deliver crystal-clear, intelligible voice signals.



WAVES

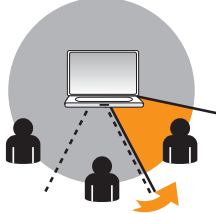
Narrow Beam



Wide Beam



Directional Beam



■ Noise ■ MaxxBeam

Based on microphone-array technology (also known as beam-forming), MaxxBeam differentiates between the signals inside the beam and signals outside of it. This allows MaxxBeam to suppress stationary and non-stationary noise from outside the beam, while providing optimal sound quality and clarity. MaxxBeam's Real-time Configurable Beam Direction lets users instantly focus the array from narrow directional beams for single users to wider beams for conference calls.

MaxxBeam offers tremendous microphone placement flexibility, and works with any matching microphone pair at distances between 10mm and 120mm. MaxxBeam is perfect for consumer-grade microphones, and its Automatic Microphone Calibration compensates for differences in microphone pairs. Best of all, MaxxBeam simplifies hardware design, and is compatible with a wide variety of microphone types.

Key Benefits

Reduces noise

Flexible microphone placement

Improves intelligibility

Real-time configurable beam direction

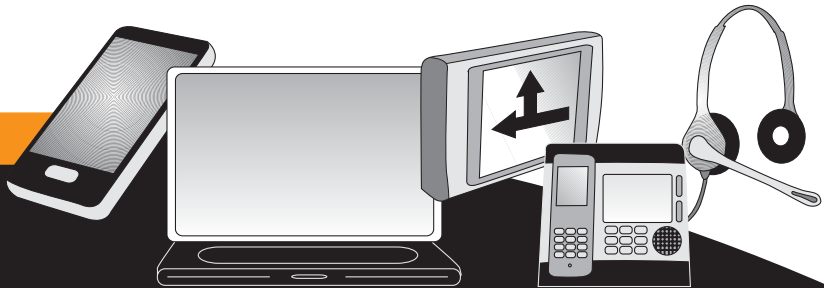
Automatic microphone calibration

Single user and conference modes

Support for various microphone types

No bundled hardware required

Applications



Waves Audio, the world leader in professional audio processors for the music, film and live sound industries, is renowned for its innovation and technological creativity. MaxxBeam brings the Waves tradition of sound engineering excellence to mobile phones, laptops, and VoIP communications.

Email: maxx@waves.com • www.maxx.com • www.waves.com



WAVES