

# FEATURES AND BENEFITS

## MICROPHONES AND STAGE

### SIGNAL CHAIN OPTIMIZED FOR LIVE PERFORMANCE

We are experts in the full signal chain from analog / digital input to signal conditioning, wireless transmission, and audio output. This ensures that all our solutions are made with the optimum data handling through the whole signal chain.

### MULTIPLE RADIO TECHNOLOGIES

Our microphones and stage solutions are exploiting radio technologies, such as 1.9GHz (DECT), 2.4GHz, 5GHz (ISM) (including DFS channels), and D-UHF. We decouple our solution APIs from the radio technology allowing our customers to quickly migrate to new technologies avoiding the often very costly framing of new technologies in an organization and product portfolio.

### RESILIENT RADIO

Intelligent frequency (re)selection is standard and with optional radio synchronization over the air or by wire, achievement of maximum density of units within a small area, such as a stage, is ensured. This allows utilization of multiple radios without risking they are disturbing each other. For improved co-existence with other interfering radios and close-to-body radio deployment, our solutions can take advantage of channel and antenna diversity. Combine it with our intelligent retransmission scheme technology, we can ensure that your product is the last one standing in even the harshest radio environment or body blocking placement.

### SUPREME AUDIO QUALITY

Deploying the Sheersound codec, supreme audio quality is ensured in our solutions. The codec is highly configurable to provide the optimum performance and in contrary to other known codecs, it comes without license cost when signing up for one of our solutions.

### LOW AND PREDICTABLE LATENCY

Low and not least predictable latency is key for microphones and stage solutions. When we are talking latency for our solutions it is not just over the air latency, but the total system latency from audio in on the transmitter to audio out on the receiver. Our solutions meet even the toughest requirements with latencies from sub 2ms.