UNLEASH THE MUSIC

The new standard in professional wireless audio

MINIMAL LATENCY

ZERO INTERFERENCE

ZERO WIRES

MAXIMUM FREEDOM

DIVE INTO SUPREME WIRELESS PERFORMANCE

MINIMAL LATENCY

Timing is everything for the perfect live performance, which makes latency the audio industry's worst enemy. Sheerlink gives extreme low-latency. Less than 2ms depending on configuration.

ZERO INTERFERENCE

With intelligent radio drivers and optionally using reserved radio band, Sheerlink eliminates drop-outs and creates hyper-smooth audio delivery. A robust wireless link bridges instruments or microphones and receivers with a lightning fast connection with a quality unique in the music industry.

Sheerlink introduces a new standard for wireless performance, so artists and audio professionals together can create greater experiences. Sheerlink is designed from a holistic perspective; taking every instrument into account to create the perfect soundscape.

More focus on sound quality and the fact that we optimize the whole chain, from the analog input to the analog output is the key. Latency is one pain in some situations, but allowing the instruments and voices to be heard authentic requires high audio quality, great dynamics and low noise. Sheerlink delivers just that, enabling audio professionals and artists to create the perfect music performance completely worry-free.

ZERO WIRES

The music industry is dominated by cables due to the fear of latency, drop-outs, and poor audio quality. Sheerlink introduces a new professional wireless audio standard that provides "cable-like" sound experience.

MAXIMUM FREEDOM

Technology-enhanced connections ensures the artistic freedom of the performer while providing ease of installation for supporting sound technicians.

SHEERLINK
– DESIGNING A NEW
WIRELESS STANDARD

Plenty claim to have cut the cord on pro-audio, but very few have succeeded. Often poor antenna quality creates drop-outs due to product design requirements, or poorly developed codecs fail authentic stage tests.

Sheerlink introduces a new standard in wireless audio performance for professionals that truly moves the boundaries for what can be expected from radio performance and reliability. Sheerlink is designed for perfect co-existence in the musical environment.

On top of that Sheerlink is built around the Sheersound audio codec by RTX. Sheersound is designed for audio perfection, where the highest possible audio quality seamlessly blends with extremely low latency.

RTX can support your product realization from product concept to mass production. RTX has completed more than 1.000 projects during its 25 years of history, from initial development, desired design, test and approvals and final production. This ensures a proofed solution, that high-end professional audio brands demand.

A manufacturer of professional audio equipment had their audio guru listen to the Sheersound codec and his opinion was:

'The audio quality is definitely at a high professional level'

A manufacturer of professional microphones tested a Sheerlink setup in their own test environment setup and stated:

'We had to expand our test setup in order to actually test the limitations of the RF'

SHEERLINK PROPOSES WIRELESS SOLUTIONS WITH:

Excellent audio quality
44.1/48/96KHZ 24BIT
offering high dynamic and signal to noise ratios while also allowing voice and instruments to sound natural. Optional filter configurations.

Low-latency
RANGING FROM 10MS TO LESS THAN 2MS
analog to analog latency depending on the chosen wireless configuration

Low barrier:
EASY-TO-INTEGRATE
easy to scale quality wise and thus price point wise

INTEROPERABILITY

between adopters of the standard is possible
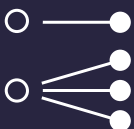
Robust wireless link with

EXTREMELY LOW
INTERFERENCE ISSUES

using either 1.9GHz DECT or 2.4GHz ISM band

INTELLIGENT INTERFERENCE
AVOIDANCE

that prevents mixed signals while continously scanning for optimum channels and optionally retransmits

Simple connection models

POINT-2-POINT OR
POINT-2-MULTIPOINT

SHEERLINK SETS YOUR AUDIO PERFORMANCE FREE THROUGH FLAWLESS WIRELESS AUDIO CONNECTIONS:

- Excellent audio quality: **44.1/48/96kHz 24bit** offering high dynamic and signal to noise ratios while also allowing voice and instruments to sound natural. Optional filter configurations.

- Low-latency: **Ranging from 10ms to less than 2ms** analog to analog latency depending on chosen wireless configuration.

- Low barrier: **easy-to-integrate,** easy to scale quality wise and thus price point wise

- **Interoperability** between adopters of the standard possible

- Robust wireless link with **extremely low interference issues** using either 1.9GHz DECT or 2.4GHz ISM band

- **Intelligent interference avoidance** that prevents mixed signals while continously scanning for optimum channels and optionally retransmits

- Simple connection models **Point-2-Point or Point-2-Multipoint**