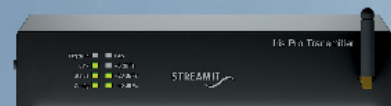


STREAMIT



## Understanding Iris Technology

Wireless freedom with any speaker system

PROFESSIONAL, HIGH-QUALITY BUSINESS AUDIO

STREAMIT.EU

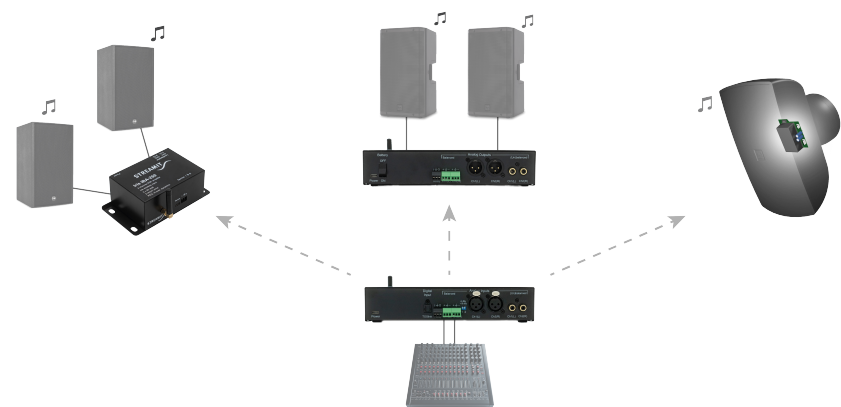
## Enjoy wireless freedom with any speaker system

Introducing Iris, the next-generation wireless audio technology that redefines connectivity and sound quality. Unlike traditional Bluetooth and Wi-Fi solutions, Iris technology offers extensive range both indoors and outdoors, ensuring your audio reaches every corner of your space without interruption.

### Key features

- Rock-solid performance up to 50m indoors and 300m outdoors.
- Supports up to 10 audio networks per site, each with up to 50 receivers.
- Two-channel full-range frequency response (20 Hz to 20 kHz), delivering crystal-clear high-quality audio with minimal latency.
- Designed for low power consumption and portability, Iris products can be powered via mains or USB-C.
- Features relay control functionality for switching external equipment.
- Straightforward configuration via intuitive app.

Experience unparalleled audio distribution, no matter where you are!



## Go wireless!

Wireless technology has revolutionized consumer products, with seamless integration with personal devices as a standard feature. Whether it's connecting your headphones, smart devices, or entertainment systems, wireless connectivity ensures a smooth user experience.

In professional settings, wireless connectivity for high-quality audio systems remains uncommon. Considering wired connections can be expensive and impractical, why aren't wireless solutions more widely implemented?

Most manufacturers implement wireless solutions based on WiFi or Bluetooth, and do not meet the strict requirements of the professional audio market in terms of reliability, range and latency.

Streamit Iris employs ultra reliable technologies designed for wireless audio applications and is superior to other solutions.

Iris addresses all the shortcomings of other wireless solutions, providing rock solid wireless audio connections over high distances and with minimal latency, making it the ideal replacement for cabled solutions.

**It is finally possible to go wireless with unfailing audio and turn any speaker system into a wireless wonder with Iris.**

### Advantages of Iris wireless over cabled solutions

- Much easier installations that do not require expensive cabling.
- Place speakers and other audio devices wherever you like, without being constrained by cables.
- Rearrange your setup and move devices around as needed, when needed.
- Expand your audio network effortlessly, at any time.
- Eliminate tripping hazards and risks from damaged or entangled cords.
- Fewer permits for your event.

# What makes Iris the best choice?

The unique combination of features and capabilities is as important as the core technology choices. Employing dedicated wireless technology and a highly versatile audio codec Iris moves full-band audio unfailingly and securely with minimal latency.

DECT is a standard designed from the ground up for audio and has its own dedicated frequency band (1.9GHz). It provides a robust and dependable solution for audio transmission, characterized by its high-quality sound, secure communication, and seamless mobility, making it the ideal choice for critical audio transport. Applications include professional communication systems such as wireless headsets by emergency services, and conference systems for corporate organizations. These systems demand exceptional audio clarity, low latency, and minimal interference to guarantee efficient, effective, and reliable communication.



Opus CELT is an open full-band audio codec that operates at lower delay than virtually any existing compressed format, making it the perfect choice for applications where both high-quality audio and low latency are desired. The format is robust to transmission errors and features packet loss concealment.

By combining the robustness of DECT connectivity with the versatility of the ultra-low latency Opus codec, Iris addresses all the shortcomings of other wireless solutions, providing rock solid wireless audio where others fail.

# Conclusions

- Iris wireless meets the strict quality and reliability requirements for the professional audio market.
- Iris enables wireless freedom, allowing speaker placement without being constrained by cables.
- Unlike Bluetooth technology, Iris provides an extensive range both indoors and outdoors, ensuring consistent audio quality across a larger area. Iris outperforms not only Bluetooth Classic Audio implementations but also LE Audio and new features like Auracast.
- Where Wi-Fi solutions consider 50-100ms as low latency, only the Iris meets the requirements for live events, with just 16,5ms and synchronicity below 0,15ms.
- While many systems struggle with multiple devices, Iris supports up to 10 audio networks per site, each with up to 50 receivers. This makes it ideal for larger venues or complex setups.
- With a frequency range of 20 Hz – 20 kHz Iris delivers high-fidelity, two-channel audio, surpassing the quality often found in standard Bluetooth and Wi-Fi systems.
- The dedicated wireless technology reduces interference and latency issues common with Wi-Fi and Bluetooth, ensuring a more stable and reliable audio experience.

In summary, Iris offers superior range, scalability, audio quality, power efficiency, and integration capabilities, making it a robust and versatile choice for wireless audio distribution.

## Ready to cut the wire, and enjoy wireless freedom with Iris?



Discover the range of Iris products and modules by scanning the code above.

# About us

Streamit stands for **rock solid audio solutions**. We are a global leader in business audio streaming systems, including audio players, distribution platforms and wireless audio.

Our solutions deliver on four key fronts:

- **Practical:** the ideal system for that specific client and their operational needs
- **Simple:** easy to operate for any end-user, regardless of technical expertise
- **Reliable:** always functions flawlessly without exception
- **Affordable:** provides excellent value for money

As part of our innovation strategy, we leverage open standards to integrate our solutions with other systems. We are connected to a robust network of specialist partners, and we actively seek new collaborators to expand and enrich our expertise. This mindset has contributed to our market leadership, a position we uphold by consistently expanding our wonderful family of staff, suppliers, partners, and clients.

**Got your own innovative ideas? Let’s collaborate and bring your vision to life!**

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