

Telos Zephyr® Connect SE™



High-performance codecs in a small,
silent, affordable package

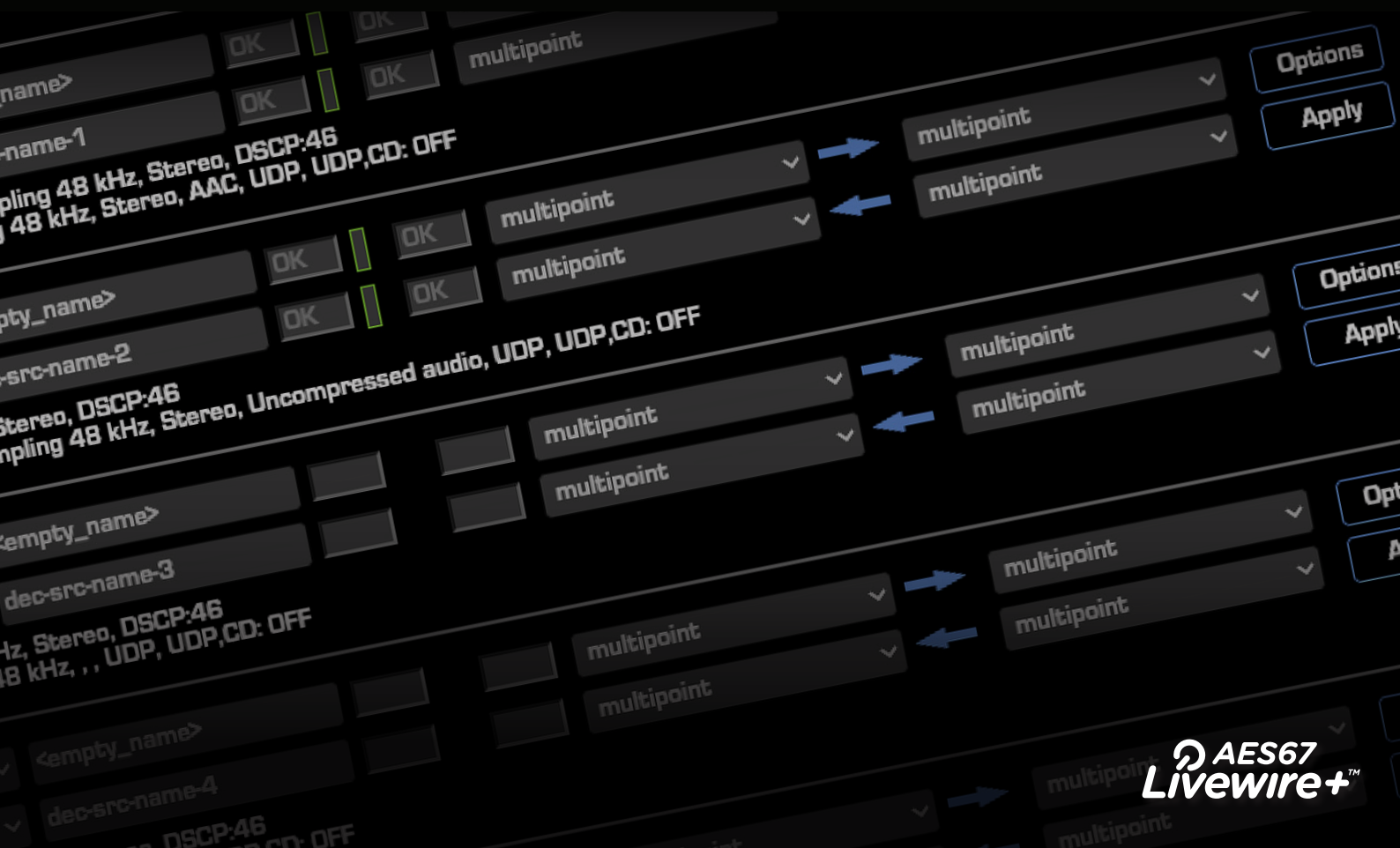
Zephyr® Connect

SDD PWR

POWER

Telos Zephyr Connect SE

Multi-codec gateway





Up to eight stereo channels in a small, silent, affordable package.

Big Codec Performance, Small Codec Price

We put Telos® iPort High Density on a diet.

iPort High Density and its virtual companion, Zephyr Connect, are the perfect solutions when you need to transport many channels of audio between facilities, but what if you only need to send or receive a few channels of audio in a location like a transmitter site or home studio? That's where Zephyr Connect SE™ comes in.

Up to eight stereo channels in a small, silent, affordable package.

Compared to iPort HD, which starts with eight codec channels and expands to a total of sixty-four channels, Zephyr Connect SE starts with two codecs and expands to up to eight channels by adding licenses.

Features

- Delivers the same user experience and audio performance as our flagship codec
- Comes with two send/receive codecs, expandable to eight codecs via licensing
- Each codec is independently configurable
- Send your audio along two paths simultaneously to ensure uninterrupted operation
- Fully compatible with iPort High Density and Zephyr Connect
- Compact and completely silent, allowing for in-studio installation
- Fanless design makes it perfect for dusty transmitter sites
- Unicast UDP and TCP, or UDP Multicast stream types, independently configurable per WAN stream
- Enhanced aptX™ encoding optional
- Pair with Telos Alliance® xNode2s and an adequately configured Ethernet switch for use as a standalone multi-stream codec
- Up to three units can be positioned side by side in a single rack space

Compatible and interoperable with Telos iPort HD and Zephyr Connect



In Depth

Zephyr Connect SE is a physically smaller - and fully compatible and interoperable - version of our Telos iPort High-Density Multi-Codec Gateway hardware product.

You can use Zephyr Connect SE for studio-to-transmitter links, network distribution systems, and multi-channel links to remote studios. Install a QoS-enabled IP link between two studios with Livewire® networks, put a Zephyr Connect SE or iPort HD at each end, and you can pass audio and GPIO between locations as if they were just next door. Paired with an appropriate streaming server, you can even use it to generate multiple channels of MP3- or AAC-coded audio for streaming, broadcasting to mobile phones, and audio distribution systems.

Of course, Zephyr Connect SE's streams sound fantastic thanks to our long-standing relationship with Fraunhofer IIS, the inventor of MP3 and co-inventor of AAC. All encoding algorithms inside are genuine FhG, not no-name knockoffs. A full range of state-of-the-art codec types and bitrates are supported in the highest-quality implementations possible. Choose AAC-LD for delay-sensitive applications, AAC-HE and AAC-HEv2 for low bitrate requirements, standard MPEG AAC for best quality and resilience to packet loss at higher bit rates, or MP3 and MP2 for legacy applications.



**We put Telos®
iPort High Density
on a diet.**

Specifications

Features

- 2 Stereo Send/Receive Codecs included with base license, expandable to 8 stereo send/receive codecs in 1 codec increments

Audio I/O

- MODI - 8 channels of each included with base license
- Livewire only for codec
- Livewire and AES67 for MODI channels

IP/Ethernet Connections

- 1x Gigabit Ethernet via RJ-45 LAN connections for LAN (AoIP) network. 2x Gigabit Ethernet via RJ-450 LAN connections for WAN (transport) network

Power Supply

- 100-240 VAC input 50-60 Hz external power supply with 12VDC, 3.33A output
- Operating Temperatures
- -10 degrees C to +40 degrees C, <90% humidity, no condensation

Dimensions

- Compact desktop hardware platform
- 1.65" H x 5" W x 5" D (42mm x 127mm x 127mm)

Regulatory

- North America: FCC and CE tested and compliant; external power supply is UL approved
- Europe: Complies with the European Union Directive 2002/95/EC on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), as amended by Commission Decisions 2005/618/EC, 2005/717/EC, 2005/747/EC (RoHS Directive), and WEEE