



TELOS SYSTEMS

The World's Most Advanced IP Codec, Now Available in a Compact Mixer Version



Available in two versatile models, the Zephyr/IP makes it possible to use public IP networks and cell phone data services for high-quality, trouble-free audio transmission. The Z/IP does this automatically, with minimal setup and very little delay. The new Zephyr/IP Mixer combines the versatility of the Zephyr/IP with the utility of a digital four-channel stereo mixer, all in a rugged, road-ready portable chassis.

Telos' exclusive Agile Connection Technology™ (ACT) delivers reliable audio despite varying network conditions. The Z/IP automatically adapts to the network to minimize the effects of packet loss and jitter. It combines state-of-the-art loss detection and concealment, dynamic buffering and auto-varying bitrate functions for a rock-solid connection.

Using standard USB wireless devices, all Z/IP models are wireless capable and can connect to IP networks via WiFi, EVDO, UMTS, just to name a few. With ACT, the Z/IP uses every bit of the available bandwidth for the best audio performance.

Making remote broadcasts easier than ever, Telos provides a no-cost, feature-enhancing service. The Z/IP Server service handles dynamic IP address changes, provides dial-by-name functionality, traverses firewalls and Network Address Translation (NAT) devices, generates a connection path visualization on a world map, and displays the live status of Z/IPs in your speed dial list.

The Zephyr/IP's ground-breaking codec, Advanced Audio Coding-Enhanced Low Delay (AAC-ELD), combines excellent fidelity at

low bitrates, nearly inaudible loss concealment, with very little delay. The end result is superior audio for two-way applications over uncontrolled IP networks.

Using the Session Initiation Protocol (SIP) for signaling, an open standard, and a set of commonly used codecs, the Zephyr/IP's compatibility is unsurpassed. It can even register and accept calls from compatible

PBXs. In addition to AAC-ELD, the Z/IP can use AAC-HE, MPEG Layer 2, G.711, G.722 and linear PCM codecs.

The Z/IP is Livewire-ready and can accept and provide audio to any of your other Livewire devices.

The Zephyr/IP includes a powerful set of features including:

- Audio I/O via AES/EBU, analog and Livewire Ethernet interface for direct integration with Axia IP-Audio networks.
- Studio-grade 24-bit A-to-D and D-to-A converters.
- Ethernet and USB data connections
- Transmission bitrates from 16 kbps to 256 kbps.
- High-resolution, information-rich interface with full-VGA display and context-sensitive on-screen help.
- Compatible with Telos Zephyr Xstream and other codecs that support MPEG AAC and SIP.
- Web server for remote configuration and remote control.

In addition, the Zephyr/IP Mixer offers:

- Digital stereo mixer with four mic/line switchable inputs.
- Main mixer stage feeds codec directly.
- Selectable AGC / limiter processing presets by Omnia.
- Built-in 48-volt Phantom power for two mic inputs.
- Two separate local headphone mixes can monitor send or receive audio, or both.

Telos Systems

2101 Superior Avenue
Cleveland, OH 44114

Phone: (216) 241-7225
E-mail:

telos-info@telos-systems.com
Web: www.telos-systems.com

SPONSORED SECTION