

THE NEWEST ADDITION TO THE FLAGSHIP ZEPHYR FAMILY OF BROADCAST CODECS



Zephyr/IP

The Zephyr/IP combines RTP/UDP and TCP/IP streaming capabilities with MPEG coding to deliver broadcast-quality audio over IP connections. Zephyr/IP employs sophisticated new technology to achieve superb audio quality over IP links such as the Internet and mobile IP services. Zephyr/IP utilizes ACT™—Agile Connection Technology—to continuously adapt to network conditions, minimizing the effects of the packet loss, varying bandwidth, and jitter that can occur on these networks by means of sophisticated error detection and concealment, dynamic buffering and other techniques that work together to provide reliable IP audio connections.

Remote connections over IP networks also present other challenges: those of connecting to codecs that are using dynamically assigned IP addresses or Network Address Translation (NAT) at the edges of LANs, or are behind firewalls. To solve these challenges, Telos ZIP Server technology keeps track of users' online status and IP address information, making connections to other Zephyr/IP codecs as simple as selecting from an on-screen "buddy list."

Here are just a few of the features and benefits of Zephyr/IP:

- Versatile I/O including AES/EBU, analog, and a Livewire™ Ethernet interface for direct integration with Axia IP-Audio networks as well as LAN, WAN and WiFi networks.
- Studio-grade 24-bit A-to-D and D-to-A converters.
- Supports transmission bit rates from 16 kbps to 256 kbps.
- User-friendly, information-rich graphical interface with large full-VGA display screen.
- A full-color, real-time graphical connection status display.
- Context-sensitive on-screen help available at a touch. Telos-hosted ZIP Server service enables speedy lookup of and connection to other Zephyr/IP users worldwide, even through firewalls and Network Address Translation (NAT).
- Backward compatible with Telos Zephyr Xstream and other third-party codecs.
- Built-in webserver for configuration and remote control.
- Wireless connectivity through Ethernet, PCMCIA and USB.

Telos
AUDIO | NETWORKS

Telos-Systems.com

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