



Zephyr Xstream / Zephyr Features Chart

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Features	Zephyr Xstream (9402-0000)	Zephyr (9202-0x00)
Stereo Transmit/Receive	✓	✓
Coding Algorithms		
MPEG AAC	✓	✗
MPEG AAC-LD (Low Delay)	✓	✗
MPEG Layer 3	✓	✓
MPEG Layer 2	✓	✓
G.722	✓	✓
AES/EBU Digital I/O	Standard	Optional
Direct Digital Interface (v.35/x.21)	Optional	Optional
ISDN Interface	✓	✓
LAN Interface	10Base-T Ethernet port using RJ-45 connector. Supports TCP/IP (Telnet and FTP).	✗
Streaming Audio Output	Yes, MP3 streaming via Ethernet port. Emulates Audioactive Realtime MPEG Encoder.	✗
Digital Resolution		
Send Input:	MPEG, 24 bits; G.722, 16 bits	MPEG, 20 bits; G.722, 16 bits
Receive Output:	MPEG, 24 bits; G.722, 16 bits	MPEG, 18 bits; G.722, 16 bits
Remote Control	Telnet via Ethernet port , RS-232 terminal or 3rd-party ZephyrControl software	Via RS-232 terminal or 3rd-party ZephyrControl software
Remote Software Update	Direct update via Ethernet port from Telos FTP site	✗
End-to-end Contact Closures (Bidirectional)	Eight	Four
Split-channel Transmit Modes	Layer 3 & G.722	Layer 3 & G.722
Split-channel Receive Modes	Layer 3 & G.722	G.722
Auto-Receive Mode	✓	✗
Location Setups (Settings for frequently-visited locations)	30 presets	✗
Auto-dial Setups	100 numbers	50 numbers
THD+N , Far loopback (end-to-end), 48kHz fs, analog I/O, input at 1kHz +20dBu	.004%	.009%
Dynamic Range	A Weighting, AAC, Layer 3 or 2 end-to-end: 101dB typical	A Weighting, Layer 3 or 2 end-to-end: 94dB typical
Cooling Fan	Not Required	Yes
Line Bit Rates	56 or 64kbps per channel, front panel selectable.	
Shipping Weight	15 pounds (6.8kg)	17 pounds (7.7kg)