



Zephyr Xstream MXP / ZephyrExpress Features Chart

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Features	Zephyr Xstream MXP (9502-0000)	ZephyrExpress (9302-0x00)
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	✗	✗
Direct Digital Interface (v.35/x.21)	Optional	Optional
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
Remote Software Update	Direct update via Ethernet port from Telos FTP site	✗
End-to-end Contact Closures (Bidirectional)	Eight	✗
Auto-dial Setups	100 numbers	40 numbers
Location Setups (Settings for frequently-visited locations)	30 presets	30 presets (using Master Setups)
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	✓	✗
Mixer Sections		
Main Mixer	Four-fader stereo DSP mixer directly feeds the codec section. All four are Mic/line switchable inputs with pan.	Three-fader stereo analog mixer directly feeds the codec section. Two mono Mic/line-level inputs and one stereo line level input.
Local Mixers	Two local mixes with selectable source controls for monitoring local and/or return audio. Mix 1 output to (1) ¼" stereo jack with volume control; Mix 2 output to (3) ¼" stereo jacks, each with its own volume control, and (2) +4 dBu XLR jacks.	Two local mixes with selectable source controls for monitoring local and/or return audio. Mix 1 output to (1) ¼" stereo jack and (2) XLR; Mix 2 is output to (2) ¼" stereo jacks. (1) Direct Receive Out on balanced male XLR.
Limiting/AGC	Selectable digital AGC/Limiting with voice & music presets by Omnia.	Selectable mic input limiter.
48v. Phantom Mic Power	Yes, on first two mic channels	Yes, on first two channels

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Power Supply	Internal	External
Tilt Stand	✓	✗
Cooling Fan	Not Required	Yes
Line Bit Rates	56 or 64kbps per channel, front panel selectable.	
Shipping Weight	20 pounds (9.1kg)	13 pounds (5.9kg)