

Specifications

Transmitter

RF Modulation: Proprietary Digital Method
RF Frequency Range: 470 - 698 MHz
RF Frequency Step: 100 KHz
RF Bandwidth in ZHD96 Mode: 100 KHz
RF Bandwidth in XR Mode: 200 KHz
Channel Separation in ZHD96 Mode: as close as 200 KHz
Channel Separation in XR Mode: 400 KHz
Emission Designator: 180 KV2E, 100 KV2E, 50 KV2E
FCC Part: 74.8611

Transmitter Audio

Dynamic Range: 128 dB
Distortion: 0.002%
Frequency Response: Mode 0
High Pass Filter: Off or 30 to 220 Hz, Steps
Mic Power: 7v @ 50mA max
Mic Connector: XLR-Female
Mic Configuration: Balanced
Input Range: -60 to -30 dBu
Mic Impedance: 2.0 k Ω
ADC Bit-Depth: 24 Bits
ADC Sampling Rate: 48 kHz

Timecode Reader / Generator

Clock Accuracy: 1.54 PPM (1 Frame Out in 6 Hours)
Timecode Type: SMPTE
Timecode Frame Rates: 23.98, 24, 25, 29.97 NDF, 29.97 DF, 30NDF, 30 DF

Internal Recording

Media Type: MicroSD Card (Flash Memory)
File Format: ZAX / Converts to BWAV or MP3

2.4 GHz ZaxNet Receiver

RF Frequency Range: 2.403 to 2.475 GHz
RF Modulation: Digital Spread Spectrum
RF Frequency Step: 0.001 GHz (1 MHz)
RF Bandwidth: 1 MHz
Channel Separation: 2 MHz Sensitivity: -96 dBm

Physical

Display: Graphic OLED

Power

Battery Type: Single 18650 lithium battery
Battery Life: Up to 10 hours

All Specifications are subject to change without notice.