

## Clifton Cameras Product Specification

### Azden PRO-XR 2.4 GHz Wireless Microphone System Full Spec

#### SYSTEM

- Operating Freq.: 2.4 GHz ISM Band
- Signal-To-Noise: 86 dB (Max. input : -22dBv A-weighted) , Line : 86 dB (Max. input : 0dBv A-weighted)
- Dynamic Range: Mic: 90dB, Line: 87dB
- Operating Range: up to 350 feet in optimal conditions
- Freq. Response: Mic: 60 Hz – 20 kHz, Aux: 30 Hz – 20 kHz
- Bit Rate: 384 kbps
- System Latency: 4.5 ms
- Battery Life Span: 500 cycles with >70% of peak performance
- Battery Type: Lithium-ion polymer, 3.7 V, 1200 mAh, 4.44 Wh
- Power Supply: USB 5V

#### RECEIVER

- Max Output Level: 1.5 dBV
- Mic Output:  $\Phi$ 3.5 mm dual-mono TRS
- Headphone Output:  $\Phi$ 3.5 mm stereo TRS
- Output Impedance: Mic: 2 k $\Omega$ ; Headphone: 10  $\Omega$
- Battery Life: 20 hrs
- Charge Time: 2.5 hours
- Dimensions: 48x79x14 mm (W/H/D)
- Weight: 76 g

#### TRANSMITTER

- RF Output Power: 20/50/100 mW
- Mic Input:  $\Phi$ 3.5 mm dual-mono TRS
- Aux Input:  $\Phi$ 3.5 mm stereo, line level
- Input Impedance: Mic: 9.1 k $\Omega$  / Aux: 100 k $\Omega$
- Max Input: Mic: -22 dBV / Aux: -2 dBV
- Battery Life:  $\cong$ 14 hrs @ 20 mW /  $\cong$ 12 hrs @ 50 mW /  $\cong$ 10 hrs @ 100 mW
- Charge Time: 2.5 hours
- Dimensions: 48x79x14 mm (W/H/D)
- Weight: 65 g

#### MICROPHONE

- Mic Element: Electret Condenser
- Polar Pattern: Omni-Directional
- Freq. Response: 20 Hz~20 kHz
- Sensitivity: -38 dB @1 kHz, 0 dB=1 V/Pa
- Impedance: 2.2 k $\Omega$  @1 kHz
- Power Requirement: Plug-in power DC 1-10 V
- Connector Type:  $\Phi$ 3.5 mm TRS
- Cord Length: 1.2 m