

AZDEN® i-COUSTICS™

**INTRODUCING UNBELIEVABLY
AFFORDABLE
DIGITAL WIRELESS!**



PRO-XD **DIGITAL WIRELESS MICROPHONE SYSTEM**

The Azden® i-Coustics™ PRO-XD is an easy to use and affordable digital wireless lavalier microphone system for camera mounting and mobile video applications. Its compact and lightweight design is a great solution for capturing audio on the go. Perfect for video production, electronic news gathering and even mobile devices, the PRO-XD includes an adapter cable for compatibility with headset inputs on most modern smartphones and tablets!

Utilizing digital wireless technology, the PRO-XD operates in the 2.4 GHz range which is completely free of TV and radio interference. The PRO-XD outperforms similarly priced VHF systems with better than CD quality digital audio and delivers dependable operation out to a distance of 100 feet or beyond with direct line of sight. Set up is a breeze with automatic syncing between receiver and transmitter. Internal,

rechargeable lithium-ion polymer batteries provide long lasting operation and easy charging via USB.

Designed to delivery high-fidelity audio, the receiver's high gain output with volume control alleviates noise and hiss produced by low-quality camera preamps and eliminates the need for big adjustments in post production. The PRO-XD's transmitter uniquely includes an auxiliary line input, allowing you to wirelessly transmit any stereo, line level audio source and mix it with the microphone source if desired.

With its incredibly small form factor, the PRO-XD is the first viable digital wireless audio solution for use with action cameras, such as the popular Hero® series from GoPro® (3rd party cable may be required for connection).



The complete PRO-XD system includes the transmitter, receiver and specially designed lapel microphone as well as an adapter cable for mobile devices, an audio output cable, USB cable and AC adapter for charging.

PRO-XD

DIGITAL WIRELESS MICROPHONE SYSTEM



Highlights

- 2.4 GHz digital wireless technology
- High gain output alleviates noise and hiss produced by low-quality camera preamps
- Auto frequency scan and sync
- Typical range of 35 meters or more
- Works with DSLR cameras and mobile devices
- Internal, rechargeable lithium-ion polymer batteries
- 2 year warranty with online registration



Specifications

PRO-XD

Operating Freq.:	2.4GHz ISM Band
Signal-To-Noise:	80dB
Operating Range:	35m typical; up to 120m in ideal conditions.
Freq. Response:	20Hz - 20kHz, ± 1 dB
Digital Sampling:	48kHz/16bit
System Latency:	14ms
Battery Life Span:	300 cycles
Battery Type:	Lithium-ion polymer
Power Supply:	USB 5V
Multi-System Use:	Min. 4 systems in proximity
Warranty:	2 Years (Registration Required)
Accessories:	TRRS audio adapter, USB mini to USB-A cable, AC adapter

RECEIVER (PRO-XDR)

RF Output Power:	10mW
Max Output Level:	-14dBV
Mic Output:	$\Phi 3.5$ mm dual-mono/stereo
Headphone Output:	$\Phi 3.5$ mm stereo
Output Impedance:	Mic: 600 Ω ; Headphone: 16 Ω
Battery Life:	16 hours
Charge Time:	3 hours
Dimensions:	48x79x14mm (W/H/D)
Weight:	68g

TRANSMITTER (PRO-XDT)

RF Output Power:	10mW
Mic Input:	$\Phi 3.5$ mm mono TRRS
Aux Input:	$\Phi 3.5$ mm stereo, line level
Input Impedance:	Mic: 2.2k Ω ; Aux: 10k Ω
Max Input:	300mV RMS
Battery Life:	11 hours
Charge Time:	3 hours 30 min
Dimensions:	48x79x14mm (W/H/D)
Weight:	62g

MICROPHONE (EX-503XD)

Mic Element:	Electret Condenser
Polar Pattern:	Omni-Directional
Freq. Response:	30Hz - 20kHz
Sensitivity:	-46dB at 1kHz (0dB=1V/Pa)
Impedance:	2.2k Ω (at 1kHz)
Power Requirement:	Plug-in power DC 1-10V
Connector Type:	$\Phi 3.5$ mm TRRS
Cord Length:	105cm



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