

eXtremely Robust.
eXtremely Reliable.

PRO-XRe

2.4 GHz Wireless Microphone System

Exclusively for Europe



with
Signal Redundancy Technology

The PRO-XRe is a new kind of 2.4 GHz digital wireless microphone.

It cleverly avoids the line-of-sight dependency and congestion problems that plague traditional 2.4GHz wireless, resulting in an extremely reliable wireless microphone.

Easy-to-use, compact and lightweight, the PRO-XRe is perfectly suited for video creators. Whether you shoot with a DSLR camera, mirrorless camera, cinema camera or smartphone, the PRO-XRe delivers high-quality and dependable wireless audio for your videos.

Frequency Spectrum Auto-Scan

The PRO-XRe automatically scans the 2.4GHz frequency spectrum and selects the best available frequencies to use for its connection, thereby avoiding interference-prone frequency bands.

Automatic Interference Avoidance

The activity of 2.4GHz devices in a given area can change frequently and rapidly. That is why the PRO-XRe constantly monitors the

spectrum for interference, and will automatically and seamlessly change its transmission to use one of 76 different frequencies in the range.

Signal Redundancy Technology

Further fortifying the system's resistance to interference, PRO-XRe employs Azden's proprietary Signal Redundancy Technology, whereby the transmitter sends three copies of its signal to the receiver at all times, each on a different frequency. If the system predicts interference of the primary signal, it will seamlessly switch to using one of the other two signals.

External Antenna Design

The PRO-XRe system employs a reliable external antenna design and comes with two interchangeable antenna options for the transmitter: a flexible antenna for comfortable and inconspicuous wearing of the transmitter, and a high-gain antenna for increased performance especially at long distances and with line-of-sight obstruction.

Mobile Video Compatible

The PRO-XRe is also compatible with smartphones and tablets. Simply mount the PRO-XRe receiver to your phone with the included Smartphone Mount. A Lightning-to-headphone adapter cable is included for connection to iOS devices. A TRRS output cable is included for other devices with headphone jacks. No special apps are required to use the PRO-XRe's audio when shooting video on your mobile device.



PRO-XR^e 2.4 GHz WIRELESS MICROPHONE SYSTEM

Product Highlights

- For digital cameras and mobile devices
- Proprietary digital technologies avoid 2.4 GHz interference
- External antenna design for best performance
- Up to 50 meter range
- Includes high-quality lavalier microphone
- Includes smartphone mount
- Rechargeable lithium-ion batteries
- Runtime up to 21 hours on RX and 15 hours on TX
- Six-step adjustable output gain
- Headphone and microphone outputs / Line-in auxiliary input
- 1/4"-20 threaded shoe mount on receiver
- 2-year warranty with online registration



Kit Includes

PRO-XR ^e T Transmitter	TRS to TRRS Adapter Cable
PRO-XR ^e R Receiver	iOS Lightning to Headphone Adapter
EX-507XR Lapel Mic	USB Charger & Cable
Smartphone Mount	Flexible Antenna
Audio Output Cable	High Gain Antenna (x2)



Specifications

SYSTEM

Operating Freq.:	2.4 GHz ISM Band
Signal-To-Noise:	86 dB A-weighted
Dynamic Range:	Mic: 90 dB / Line: 87 dB
Operating Range:	up to 50 m in optimal conditions
Freq. Response:	Mic: 60 Hz - 20 kHz Aux: 30 Hz - 20 kHz
Bit Rate:	384 kbps
System Latency:	6.8 ms
Battery Life Span:	500 cycles
Battery Type:	Lithium-ion 3.7 V, 1200 mAh, 4.44 Wh
Power Supply:	USB 5 V

RECEIVER

Max Output Level:	1.5 dBV
Mic Output:	Φ3.5 mm dual-mono TRS
Headphone Output:	Φ3.5 mm dual-mono TRS
Output Impedance:	Mic: 2 kΩ; Headphone: 10 kΩ
Battery Life:	21 hrs
Charge Time:	2.5 hours
Dimensions:	48 x 79 x 14 mm (W/H/D)
Weight:	76 g

TRANSMITTER

RF Output Power:	10 mW
Mic Input:	Φ3.5 mm mono TRS
Aux Input:	Φ3.5 mm summed-mono TRS
Input Impedance:	Mic: 9.1 kΩ / Aux: 100 kΩ
Max Input:	Mic: -22 dBV / Aux: -2 dBV
Battery Life:	15 hrs
Charge Time:	2.5 hours
Dimensions:	48 x 79 x 14 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 kΩ @1 kHz
Power Req.:	Plug-in power DC 1-10 V
Connector Type:	Φ3.5 mm TRS
Cord Length:	1.2 m

AZDEN CORPORATION

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LEARN MORE ABOUT AZDEN PRODUCTS AT www.azden.com or www.holdan.co.uk