The NEW Standard in Broadcast Wireless



The AZDEN 2000 Series

Improving the performance of the highly regarded 1201 Series was no easy task for AZDEN engineers. This involved a completely new circuit design for the crystal-controlled PLL synthesized 2000 Series. The new design has dramatically improved audio quality, with lower noise levels, increased dynamic range and transient response. A new system IC has improved system stability and, at the same time, lowered power consumption. Regardless of climate conditions, the new IC design offers consistent system performance for the most demanding ENG/EFP broadcast applications. The 2000 Series is available in different receiver configurations for compatibility with most broadcast cameras. The 2000BT body-pack and 2000XT XLR plug-in transmitters are housed in a durable, die-cast case and provide trouble free high end performance.

With its full range of wireless solutions to work with many of today's leading broadcast cameras, it's no wonder AZDEN is a name widely recognized and respected in the broadcast industry. For more information on the AZDEN 2000 Series Broadcast Wireless Systems and other great AZDEN products, visit www.azden.com or visit your local AZDEN dealer today!





WIRELESS RECEIVERS

The 2000URX is a Broadcast Spec True Diversity Receiver with a digital display in a portable/table top diecast metal case. It operates on 4 "AA" batteries and is also set up to be powered by external phantom power or AC power. It has 188 selectable UHF frequencies and with its convenient LCD display, it makes it easy to monitor the system, have clear channel frequency searching and switch between 6 preset channel groups for multiple system usage. It also has detachable high-gain antennas for easy storage and to minimize breakage.

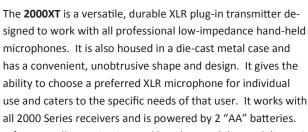
The 2000URX/Si is a Broadcast Spec True Diversity Receiver that features a durable slot-in case design for use with Panasonic® and Ikegami® broadcast cameras. It receives power from the camera when effectively pressed into the camera slot. It also has 188 selectable UHF frequencies and has a clear LCD display for system monitoring, clear channel frequency searching and 6 preset channel groups for multiple system usage.

The 2000URX/Si-S is a Broadcast Spec True Diversity Receiver built in the same fashion as its URX/Si cousin, but this receiver is specifically geared towards use with Sony® slot-in cameras. It also receives power directly from the camera when installed and like the rest of the 2000 Series, has 188 se-

lectable UHF frequencies. It also has a clear LCD display for monitoring, channel searching and going through its 6 preset channel groups for multiple system usage. Lastly, both receivers have the flexible, detachable high-gain antennas for easy storage and to minimize breakage. All receivers also include a 2nd set of shorter, round antennas to avoid breakage in close, tight quarters.



The 2000BT body-pack transmitter is made to work perfectly in conjunction with the 2000 Series receivers. It is housed in a durable die-cast metal case and includes a single, flexible, detachable antenna, a transmitter holster and a steel belt clip for durable, reliable hands-free operation. It has a clear LCD display with user-friendly controls for pairing its group and channel numbers to your 2000 Series receiver. It is powered by 2 "AA" batteries and can last up to 8 hours in the field. It features a locking 4-pin Hirose microphone input that is compatible with many AZDEN headset and lapel microphones.





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It features all new circuitry and has the capability to deliver 48V phantom power to your XLR microphone. For the ultimate in versatility and performance, the 2000XT is a must-have for any broadcast audio solution.

SPECIFICATIONS

2000URX/Si/Si-S

Receiving Frequency Receiving Method Sensibility Reference Deviation Max. Deviation Inter Modulation Inter Modulation
Noise Reduction
Audio Output Level
Signal-to-noise Ratio
Distortion Ratio
Antenna Connector
Interface w/ Camera
Audio Output Jack
Power Power External Power Power Consumption

LED LCD Size

Weight

 $638.125 Mhz \simeq 661.875 \ Mhz \ 188 \ Channels Space diversity double super heterodyne <math display="inline">0.8 \mu V$ ±40kHz 65dB or more Compander 4dBm MAX 4dBm MAX
100dB or more (100% Dev)
0.8% or less (100% Dev)
BNC Connector
D-sub 15pin (Si-S) D-sub 25 pin (Si)
XIR-32-3 / 3.5 mm stereo mini for monitoring
DC 6V (4 AA batteries)
DC 11V ~ 15V (URX) DC 7V (Si-S) DC 12(10~17V) (Si)
6V 240mA 3 point RF level, diversity (A/B) (URX) 3 point AF level, Tone squelch (URX) 3 point RF level, diversity (A/B) (URX) 3 point AF level, 1 one squetch (URX Receiving frequency, channel, RF Level w/ indicators, Diversity A or B, AF Level w/ indicators (URX Si-S, URX Si) 98mm (W) x 109.5mm (H) x 40mm (D) (URX) 80mm (W) x 22mm (H) x 35mm (D) (URX/Si-S, URX/Si) 620g(URX), 245g(URX/Si-S)/240g(Si)

2000BT/XT

Radio Type Oscillation Oscillation
Aerial Power
Tone Frequency
Noise Reduction
Mic In/Level
Impedance Frequency Response LED LCD Power Power Consumption Battery Life Size/weight

Transmitting Frequency

638.125MHz~661.875MHz (188channels) F3E (FM) F3E (FM)
Crystal-controlled-PLL-Synthesizer
50mW
32.768 kHz
Compander
Hirose-4pin/ECM:-60dBu
3.30
50m15HHz+1 5dB 50~15kHz±1.5dB 30 13KH21.30B AF-Peak, Battery Low Alarm Output frequency, channel, accumulated time DC 3V (2AABatteries) Less than 130ma About 8 Hours (when used AA Batteries)

63(W) x98 (H) x27(D)/ 180g (including batteries) (mic is optional)



Azden Corporation

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