



## 2000URX and 2000BT Broadcast-Spec UHF Wireless System

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 3 different receiver configurations for compatibility with most broadcast cameras. The matching 2000BT body-pack transmitter is housed in a durable die-cast case.



2000URX  
Portable Space Diversity Receiver  
Operates on 4 AA batteries or external 11-15VDC power



2000URX/Si  
Slot-In Space Diversity Receiver  
For Panasonic Camera with Slot-In Mount



2000URX/Si-S  
Slot-In space Diversity Receiver  
For Sony Camera with Slot-In Mount

# UHF Beltpack Transmitter

## 2000BT

Belt-Pack Transmitter for all 2000 Series Receivers  
Die-Cast case, works on 2 AA batteries



2000BT

### System Key Features

- UHF 638.125-661.875MHz 188 steps(188 selectable frequencies)
- Die-cast cases for durable performance
- LCD display for system monitoring
- Clear channel frequency search
- 6 preset channel groups for multiple system use
- Detachable high gain antennas (All receivers)
- Flexible antenna to minimize breakage (2000BT)
- Adjustable microphone input level (2000BT)

### Specifications

#### 2000URX

Receiving Frequency	638.125MHz ~661.875 MHz 188 channels
Receiving method	Space diversity double super heterodyne
Sensibility	0.8μV
Reference Deviation	±5kHz
Max. Deviation	±40kHz
Inter Modulation	65dB or more
Noise Reduction	Compander
Audio output level	4dBm MAX
Signal-to-noise Ratio	100dB or more ( 100% Dev )
Distortion Ratio	0.8% or less ( 100% Dev )
Antenna Connector	BNC Connector
Audio Output Jack	XLR-32-3 / Ø3.5mm stereo mini for monitoring
Power	DC 6V ( 4 AA batteries )
External Power	DC 11V ~ 15V
Power Consumption	6V 240mA
LED	3 point RF level, Diversity ( A/B ) 3 point AF level, Tone squelch
LCD	Receiving frequency, channel
Size	98(W) x 109.5(H) x 40(D)
Weight	620g ( Including antenna )



2000URX



#### 2000URX/Si-S/2000URX/Si

Receiving Frequency	638.125MHz ~661.875 MHz 188 channels
Receiving method	Space diversity double super heterodyne
Sensibility	0.8μV
Reference Deviation	±5kHz
Max. Deviation	±40kHz
Inter Modulation	65dB or more
Noise Reduction	Compander
Audio output level	4dBm MAX
Signal-to-noise Ratio	100dB or more ( 100% Dev )
Distortion Ratio	0.8% or less ( 100% Dev )
Antenna Connector	BNC Connector
Interface with camera	D-sub 15pin(Si-S) / D-sub 25pin(Si)
Operating voltage	DC 7V (Si-S) / DC12(10~17V)(Si)
Power Consumption	140mA(Si-S) / 120mA(Si)
LCD	Frequency, Channel, RF level w/indicators, Diversity A or B, AF level w/indicators
Size	80(W) x 22(H) x 35(D)
Weight	245g (Si-S) / 240g(Si) ( Including antenna )

#### 2000BT

Transmitting Frequency	638.125MHz ~661.875 MHz 188 channels
Radio Type	F3E FM
Oscillation	Crystal-controlled PLL Synthesizer
Aerial Power	50mW
Tone Frequency	32.768kHz
Noise Reduction	Compander
Mic in / level	Hirose 4P / ECM: -60dBu
Impedance	3.3kΩ
Frequency Response	50~15kHz ±1.5dB
LED	AF peak level, Battery low alarm
LCD	Output frequency, Channel, accumulated time
Power	DC 3V (2 AA batteries)
Power Consumption	less than 130mA
Battery Life	About 8 hours (when used AA batteries)
Size / Weight	63(W) x 98(H) x 27(D) / 180g (Including batteries) (Microphone is optional)

\* Due to constant improvements, specifications are subject to change without notice.

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