



# High Performance True Diversity Broadcast Wireless Microphones **1201 series**

Whether you use a Panasonic® or Ikegami® camera with "slot-in" receiver capabilities, or use the Anton-Bauer® Gold Mount®, or a V-Mount battery, there's an AZDEN 1201 designed specifically for your use.



### System Features

- New DTV-compatible (188) frequencies covering 4 UHF TV bands
- True diversity system with 2 complete front-ends
- Proprietary Diversity Logic Control circuitry for reduced drop-outs
- Dielectric filters throughout, for improved image rejection and superior diversity isolation
- High 5th-order filters for improved S/N ratio
- Multi-function LCD shows channel, frequency, battery info, AF level, and diversity operation

# Broadcast UHF Wireless System

## 1201 series



### Specifications\*

#### Overall System

Operating Range	200-300 feet
Operating Frequency	UHF band, 638.125 to 661.875 MHz
Number of Channels	188 User-selectable
Receiving System	True Diversity
Modulation Mode	FM
Oscillator	Phase Lock Loop synthesizer
Display	LCD
Operating Temp. Range	-10° C to +50° C (-50° F to -122° F)

#### 1201URX/Si Slot-In Receiver

Frequency Response	50 Hz – 15 kHz
RF Squelch Level	-95 dBm
Adjacent Chan. Selectivity	? 70 dB
Intermodulation	? 65 dB
Noise Reduction	Expander (THAT)
Audio Output (unbalanced)	-20 dBm – 1 kHz @ ± 40 kHz Deviation
Output Impedance	300 Ω
S/N Ratio	62 dB (± 5 kHz) "A" Weighted
Power Requirement	12 VDC (10.5 – 17.0 VDC) from camera
Dimensions (Insertion)	68W x 84H x 18D mm 2.68W x 3.3H x 0.7D inches
Dimensions (Display)	80W x 22H x 35D mm (3.25 x 0.87 x 1.38 in.)
Weight	250 g (8.8 oz) w/antennas

#### 1201URX/AB Anton Bauer® Mount Receiver

Frequency Response	50 Hz – 15 kHz
RF Squelch Level	-95 dBm 1201XT Plug-In Transmitter
Adjacent Chan. Selectivity	? 70 dB RF Power 25 mW
Intermodulation	? 65 dB Antenna ¼ w avelength (internal)
Noise Reduction	Expander (THAT)
Audio Output (balanced)	+4 dBm @ ± 40 kHz Deviation (Line) -40 dBm @ ± 40 kHz Deviation (Mic)
Output Impedance	600 Ω
S/N Ratio	62 dB (± 5 kHz) "A" Weighted
Power Requirement	12 VDC (11.0 – 15.0 VDC) 6-8 hour runtime
Dimensions	93W x 119H x 49D mm 3.66W x 4.66H x 1.93 D inches
Weight	450 g (15.87 oz) w/antennas

#### 1201URX/VM IDX "V" Mount

Frequency Response	50 Hz – 15 kHz
RF Squelch level	-95 dBm
Adjacent Chan. Selectivity	? 70dB
Intermodulation	? 65dB
Noise Reduction	Expander (THAT)
Audio Output (balanced)	+4 dBm @ ± 40 kHz Deviation (Line) -40 dBm @ ± 40 kHz Deviation (Mic)
Output Impedance	600 Ω
S/N Ratio	62 dB (± 5 kHz) "A" Weighted
Power Requirement	12VDC (11.0 – 15.0 VDC)
Dimensions	82W x 150H x 600D mm 3.23W x 5.9H x 2.36D inches
Weight	750 g (26.45 oz) w/antennas

#### 1201BT Belt-pack Transmitter

RF Power	25 mW
Antenna	¼ w avelength (internal)
Frequency Response	50 Hz – 15 kHz
Reference Deviation	± 5 kHz (-60 dBm – 1 kHz input, Mic) ± 40 kHz max deviation
Noise Reduction	Compander (THAT)
Power Requirement	2 "AA" Batteries (Alkaline) 6-8 hour runtime
Dimensions	63W x 98H x 28.5D mm 2.48W x 3.86W x 1.12D inches
Weight	180 g (6.35 oz) w/batteries

#### 1201XT Plug-In Transmitter

RF Power	25 mW
Antenna	¼ w avelength (internal)
Frequency Response	50 Hz – 15 kHz
Reference Deviation	± 5 kHz (-60 dBm – 1 kHz input, Mic) ± 40 kHz Maximum
Noise Reduction	Compander (THAT)
Power requirement	2 "AA" Bateriaes (alkaline)
Dimensions	40W x 114H x 40D mm 1.57W x 4.49H x 1.57D inches
Weight	180 g (6.35 oz) w/batteries

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

#### Available Systems;

1201ABT	1201UPR/AB w/1201BT & EX503H	1201ABS	1201UPR/AB w/1201BT & ECM-44H
1201ABX	1201UPR/AB w/1201XT	1201VMT	1201UPR/VM w/1201BT & EX-503H
1201VMS	1201UPR/VM w/201BT & ECM-44H	1201VMX	1201UPR/VM w/1201XT
1201SiT	1201UPR/Si w/1201BT & EX-503H	1201SiS	1201UPR/Si w/1201BT & ECM-44H
1201SiX	1201UPR/Si w/1201XT		

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