

AZDEN INFRARED

The smart solution
for all your wireless needs



As a leader in IR wireless microphones, AZDEN offers years of experience in creating systems for any rooms that work in real-world situations.



Modern IR technology provides complete security, unlike RF systems. In today's RF-saturated world, having a multi-channel microphone system, that can avoid interference in today's conference rooms is hard. However, with AZDEN IR based products interference is never problem.



SAFE AND SECURE

AZDEN infrared offers the built-in advantage of absolute security from eavesdropping or monitoring. What is said in the room, stays in the room.



NO RF INTERFERENCE

In Today's RF-saturated world, AZDEN's infrared offers protection from RF interference from other devices, including DTV, cell phones and other electronic gear.

Specifications

Receivers	IRR-15	IRR-40	IRR-106
Reception Channel	1 ch	2 ch	6 ch
Sub-carrier frequency	2.06 or 2.53MHz	2.06 & 2.53MHz	2.06 - 2.91MHz
Type	Super heterodyne		
Modulation	FM		
Pilot tone signal	32.768kHz		
Frequency response	50-10kHz \pm 3dB less than 1%		
Line input	RCA Jack (L-R) x1	RCA Jack (L-R) x2	N/A
Audio output	MIC ϕ 6.3 Phone Jack	RCA Jack Mono x2	XLR 3 x6
Mix out	N/A		XLR 3 x1
Sensor input	RCA Jack x1	F-connector x3	F-connector x5
Power requirement	DC12V	DC15V	DC12V
Size (W x H x D)	100 x 44 x 160 mm	204 x 44 x 210 mm	435 x 44 x 270 mm
Weight	540g	1.3kg	4.5kg

Tabletop Transmitters	IRC-22	IRC-51	IRC-56
Reception Channel	2 ch	1 ch	5 ch
Sub-carrier frequency	2.06 & 2.56MHz	2.06 - 2.91MHz	
Modulation	FM		
Microphone type	electric condenser		
Frequency response	50-10kHz \pm 3dB less than 1%		
Deviation	Less than 2%		
Power requirement	DC7.2-9V, 6 "AA" batteries		
Size (W x H x D)	100 x 53 x 160 mm	160 x 47 x 100 mm	
Weight	700g inc./batteries	730g inc./batteries	

Neck-worn Transmitters	IRN-10	IRN-20	IRN-30
Reception Channel	2 ch	1 ch	
Sub-carrier frequency	2.06 & 2.53MHz	2.06MHz	2.55MHz
Modulation	FM		
Microphone type	Uni-directional ECM x2		Uni-directional ECM x1
Frequency response	50-10kHz \pm 3dB		100-8kHz \pm 3dB
Deviation	\leq \pm 15kHz		
Power requirement	2 "AA" batteries	1 "AA" batteries	
Battery life	>8 hour /walkaline battery		
Size (W x H x D)	70 x 80 x 27 mm	95 x 50 x 25 mm	27 x 90 x 28 mm
Weight	120g inc./batteries	74g inc./batteries	

Other Transmitters	IRH-15c	IRH-56	IRB-56
Reception Channel	2 ch	6 ch	
Sub-carrier frequency	2.00 - 3.00MHz		
Modulation	FM		
Microphone type	Uni-directional dynamic		Omni-directional electret
Frequency response	50-10kHz \pm 3dB less than 1%		
Deviation	Less than 2%		
Power requirement	2.4 - 3.0V, 2 "AA" batteries		
Size (W x H x D)	ϕ 58 x 240 mm		64 x 100 x 27 mm
Weight	300g inc./batteries		130g inc. /batteries

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