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Professional Dual Channel Wireless Microphone System

Precision Stability Clarity

Professional Dual Channel Wireless Microphone UHF System

PRO-UD2
Professional Dual Channel
Wireless Microphone System
UHF System

The IVA PRO-UD2 is equipped with high quality diversity antennas, auto environment frequency scanning, intelligent transmitter locking and anti-interference filter to make it among the most stable and precise wireless microphone systems around. Reliability, stability, clarity, strong signal strength and coverage, minimal interference and a friendly GUI are the key strengths of the PRO-UD2, making it the best choice for various applications.

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PRO-UD2

Professional Dual Channel UHF Wireless Microphone System

Features

- PLL Dual module locked loop design
- UHF 200 frequency spots with PLL digital lock automatic selection
- Innovative blue LCD static display
- Anti-interference filter for KTV environment (multiple channels)
- Mini processor for automatic selection, it can choose the most powerful signal from 2 microphones, strengthening reception power, increasing working distance and reducing dead spots
- Squelch to adjust pickup distance
- Lockable control function button
- 2 Frequency Range Families

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SPECIFICATIONS	RECEIVER	UHF Handheld Transmitter	UHF Body-Pack Transmitter	Condenser Headset Microphone
Frequency Oscillation Mode	PLL Module Locked Loop Design			
Carrier Frequency Range	762.500 - 787.375 MHz 660.000 - 690.000 Mhz	762.500 - 787.375 MHz 660.000 - 690.000 Mhz	762.500 - 787.375 MHz 660.000 - 690.000 Mhz	
Channels	200 CH	200 CH	200 CH	
Frequency Response	50 Hz - 18 kHz	50 Hz - 18 KHz	50 Hz - 18 KHz	50 Hz - 18 KHz
Working Distance	80 meters at empty area			
Frequency Space	125 kHz	125 kHz	125 kHz	
Bandwidth	30 Mhz	30 Mhz	30 Mhz	
Carrier Wave Stability	+/- 5 PPM < 10 kHz			
Image Interference Ratio	>80 dB			
S/N ratio	>105 dBm (1 kHz -A)			
Sensitivity	105 dBm (12 dB S/N AD)	-48 dB ±3 dB (at 1KHz)	-48 dB ±3 dB (at 1KHz)	
T.H.D. (1 kHz)	<0.5%@1 kHz			
AF Output Impedance	2.2 kohm			
Audio Output Level	-12dB			
Mute	Mute & Locked Loop Circuit			
Operational Voltage	12 VDC, 600 mA			
Output Connector	2 XLR balance, 2 TRS unbalanced & 1 TRS Mix Out			3P Mini XLR
Dynamic Range		>110dB	>110dB	
Stability		+/- 0.005%	+/- 0.005%	
Frequency Deviation		+/- 48 kHz	+/- 48 kHz	
Spurious Emissions		<-60 dBc	<-50 dBC	
Radio Frequency Output Power		10 mW	10 mW	
Power	Consumed	<120mA @ 3V	<120mA @ 3V	
Battery		UM3, AA 1.5V x 2	UM3, AA 1.5V x 2	
Element		Dynamic Microphone		
Frequency Preparation			PLL Synthesized Control	
LCD Display	Frequency, Battery fuel guage, Mute, AF, and RF	Frequency, Battery fuel guage	Frequency, Battery fuel guage	
Controls		Power ON/OFF, AF Level, frequency Up/Down, Lock-on mode	Power ON/OFF, AF Level, frequency Up/Down, Lock-on mode	
Polar Pattern				Uni - directional
Impedance				1000Ω ±30%
Max. SPL				for 1% T.H.D 130 dB Max

• The manufacturer reserves the right to make changes or improvements in manufacturing or design which may affect specification