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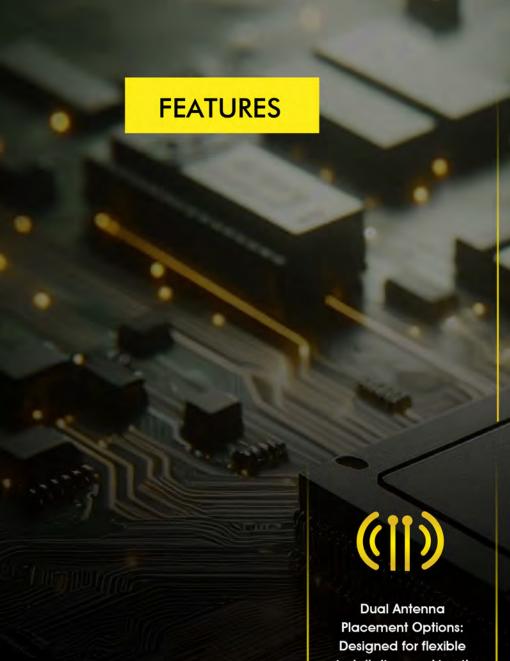
Compact Flagship UHF Wireless Microphone System Uncompromising Performance, Ultimate Clarity

Designed as the top-of-the-line model in the IVA wireless microphone series, the PRO-UD2 Advance delivers superior audio quality, cutting-edge RF technology, and seamless user experience in a COMPACT body. Built for professionals who demand exceptional sound clarity and reliability, this system ensures that every performance, speech, or presentation is heard with absolute precision. Featuring True Diversity Antenna Reception, the system intelligently switches antennas, receiving and demodulation circuitry to avoid signal dropouts, ensuring rock-solid wireless performance.

The impeccable audio balance across high, mid, and low frequencies provides natural, effortless voice reproduction, making vocals smooth and expressive. With four EQ presets, users can fine-tune their microphone's tone, enhancing bass or treble to suit individual vocal characteristics. The built-in RF Spectrum Detector and Artificial Intelligent (AI) Scanning take the guesswork out of frequency selection—automatically analyzing and selecting the cleanest available RF channels for interference-free transmission. Pairing is effortless, with infrared synchronization or the innovative Shake-to-Sync feature for fast and hassle-free setup.

The IVA PRO-UD2 Advance Compact is engineered for performers, speakers, and professionals who demand the best in wireless microphone technology—offering unparalleled stability, clarity, and ease of use.







Custom Circuit Design: Engineered with premium electronic components, ensuring the highest quality and performance.



Al Frequency Scanner: Intelligently identifies, compares and selects the optimal transmission frequency for unparalleled transmission stability.



25 MHz Bandwidth: Provides up to 100 selectable channels and supports multiple units operating simultaneously without interference.

installation, making it ideal for rack-mounted setups.



Infrared Synchronization: **Enables seamless and** efficient pairing between the transmitter and receiver.



Shake-to-Sync: Effortless handheld microphone pairing with a simple shake for instant synchronization.



Intelligent Auto Mute: Advanced motion-sensing to auto mute in handheld microphone.

Advanced Custom Circuitry

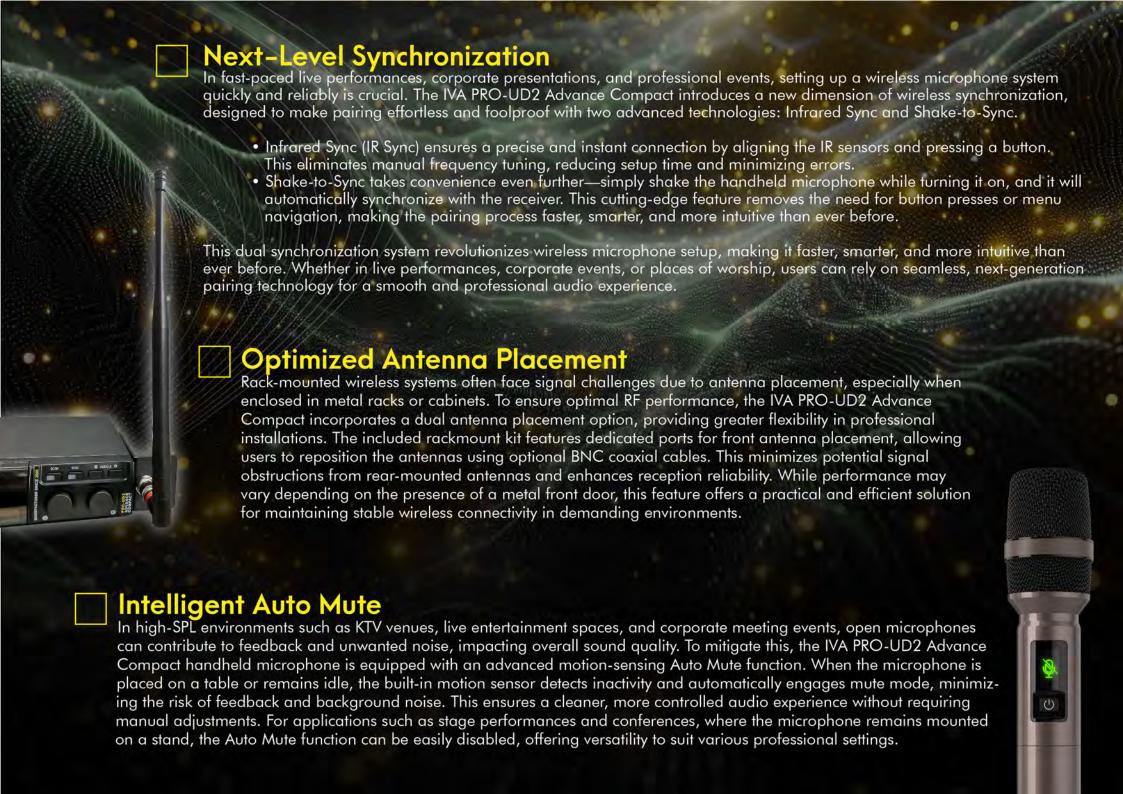
The IVA PRO-UD2 Series, now in its third generation, continues the legacy of proven stability and performance since the first PRO-UD2 launched in 2012. The third generation IVA PRO-UD2 Advance Compact takes performance to new heights with a fully improved proprietary custom-designed circuit design, ensuring superior audio clarity and signal integrity. At the core of its excellence is a proprietary custom-designed circuit that optimizes RF reception, RF demodulation, RF/AF amplification, and antenna diversity switching circuit. Each of these critical processes has been refined over the years, and with the Advance Compact version, premium-grade electronic components have been integrated to further enhance system stability and audio performance. A major leap forward in this generation is the introduction of True Diversity technology, marking a significant upgrade from the previous antenna diversity system. By intelligently switching between two independent antennas and its receiving circuitry, the system ensures the strongest possible signal reception, eliminating dropouts and dead spots. This makes the IVA PRO-UD2 Advance Compact the most reliable, interference-resistant, and high-performance wireless microphone system in the brand's history.





With the increasing congestion in the UHF spectrum, ensuring a clean and interference-free wireless signal has become more challenging than ever. The IVA PRO-UD2 Advance Compact is designed to overcome this with its Intelligent AI Frequency Scanning, delivering seamless and reliable wireless performance in any environment. Using advanced real-time analysis, the receiver systematically scans and evaluates available frequencies, selecting the channel with the lowest noise floor for optimal transmission. This automated process eliminates guesswork, ensuring users always operate on the cleanest possible frequency with minimal risk of interference. Ideal for professional audio applications, this technology provides enhanced stability and signal integrity, making the IVA PRO-UD2 Advance Compact a trusted choice for demanding live performances, corporate events, and high-stakes productions.





SPECIFICATIONS

Main Frame Size	ElA Standard 1U, Half Rack Size		
Receiving Channel	Two channels		
	1.10 0.10.11.00		
Receiving Mode	CPU Controlled True Diversity + Pilot Identification Reception		
Frequency Stability	±0.005%		
Carrier Frequency Range	565 – 590 Mhz		
Total Frequency Channel	100 CH		
Oscillation	PLL Synthesis		
Sensitivity	>95 dBm		
Bandwidth	25 MHz		
Max. Deviation Range	±5KHz		
S/N	>50 dBm		
T.H.D	<1%		
Frequency Response	70 Hz ~ 15 kHz ±3dB		
Transmitter Transmission Strength	30 mW for handheld & bodypack		
Spurious Emission	-35 dBm		
Operating Distance	60 - 100 meters in line of sight & low RF noise environment		
Antenna Interface	2 x BNC		
Audio Interface	6.3mm unbalanced audio output, XLR balanced audio output		
Max. Unit Stacking	10 transmitters in low RF noise environments		
Power Supply	12 VDC /1.25 A		
Battery	AA 1.5V for handheld & bodypack		
Battery Life	~ 6 hours for handheld & bodypack		
Power Consumption	180 mA for handheld & bodypack		
LCD Display	Frequency, CH, Battery, RF, AF, MUTE for Receiver,		
	Frequency, CH, Battery for Handheld & Bodypack		
Dimensions (WxDxH)	210 x 42 x 180 mm		
Weight	1.8 kg		
Packaging Dimensions (WxDxH)	480 x 71 x 340 mm		
Packaging Weight	3 kg		

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

Stackable Unit

In a busy RF environment and increasing of demand of multiple transmitter to be operating in same venues and spaces, the frequencies coordination is a crucial setup for a problem free event flow. All stacked receiver must be properly handled with antenna distributor for antenna management and power cable management for best interference free operation. Assuming the RF in the entire range of IVA PRO-UD2 Advance Compact is completely free of interference RF noise, the table below are the carefully calculated frequencies point that can be selected for each of the transmitter.

UNITS	FREQUENCY (Mhz)		
1	565		
2	565.5		
3	566.75		
4	569		
5	570.5		
6	579		
7	584.75		
8	587.25		
9	589.25		
10	590		



Choosing the Right Wireless Microphone

IVA wireless microphones offer freedom and flexibility for a variety of applications.

But with different models available, which is the perfect one? Understanding the key features and select the ideal IVA wireless microphone system is crucial to fulfill specific needs.









Feature	GoWireFree	GoWireless	GoWireless Pro	PRO-UD2 Advance Compac
Ranking	Entry-Level	Entry-Level	Professional	Flagship
Transmission Range	Short Range	Decent	Better	Best
Transmission Stability	Uninterrupted Use	Uninterrupted Use	Higher Stability	Absolutely critical
Sound Quality	Okay (Speech)	Okay (Speech)	Better (Professional Quality)	Highest (Studio & Live Grade)
Antenna	1	2	4	2, True Diversity
Best For	Everyday Use, Small Venues	Everyday Use, Small Venues	Professional Performers, Medium-Sized Venue	Large-Scale Events, Demanding Professionals
Target User	Cafes, Schools, Meeting Rooms	Cafes, Schools, Small DJs, Meeting Rooms	PA Rental, Mobile DJs, Performing Arts, KTV, Auditoriums, Hall	PA Rental (Concerts), Large Halls, Artists
Key Benefit	Ultra-budget-friendly	Budget-friendly	Enhanced Stability & Sound	Uncompromising Performance