

# True Diversity Wireless Microphone System

This wireless microphone system utilizes intelligent technology and a well-designed PCB for high-fidelity sound. It features true diversity with dual independent receiving circuits to minimize external signal interference and extend the receiving distance.



## System Overview

### Professional True Diversity Wireless System

The PU-2955 is a high-fidelity wireless microphone system featuring advanced true diversity circuitry for enhanced signal stability and reduced interference. Designed for professional use, it incorporates intelligent IR frequency synchronization and a robust digital encryption process for secure, consistent audio transmission. The system includes smart power management, such as automatic mute upon detection of inactivity, ensuring longevity and performance in demanding environments.

Frequency Range	600-900 MHz
Working Distance	150 m

## Audio Performance

### Audio Specifications

<b>100 dB</b> Dynamic Range	<b>0.5 %</b> T.H.D.	<b>98 dB</b> S/N Ratio
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Frequency Response	40Hz-20KHz
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## Transmitter Features

Operating Modes	Smart MUTE, Auto-Off, Digital Encrypted
Battery Life	10 hours

## Receiver Connectivity

Power Requirements	AC 100-240V, 50/60Hz
Audio Output	0-±500mV