

**D5811 D5812 D5813 D5814 D5814L  
D5816 D5841 D5842 D5843 D5844 D5844L  
True Diversity Wireless Microphone**



**D5816** UHF Wireless Microphone System for 4 Microphones

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**D5811** Handheld Wireless Microphone



**D5812** Clip Wireless Microphone

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**D5813** Headset Wireless Microphone



**D5814** Battery Desktop Wireless  
Microphone

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**D5841** UHF Wireless Microphone System+4 Handheld Wireless Microphones



**D5842** UHF Wireless Microphone System+4 Clip Wireless Microphones+4 Waistband Transmitters



**D5843** UHF Wireless Microphone System+4 Headset Wireless Microphones+4 Waistband Transmitters



**D5844** UHF Wireless Microphone System+4 Battery Desktop Wireless Microphones



**D5814L** Rechargeable Desktop Wireless Microphone



**D5844L** UHF Wireless Microphone System+4 Rechargeable Desktop Wireless Microphones

## Description

This product is a professional wireless microphone system. D5816 is the wireless microphone receiver, which can be combined with several kinds of transmitters to form a wireless microphone system. The combination set includes D5841 (UHF Wireless Microphone System+4 Handheld Wireless Microphones), D5842 (UHF Wireless Microphone System+4 Clip Wireless Microphones+4 Waistband Transmitters), D5843 (UHF Wireless Microphone System+4 Headset Wireless Microphones+4 Waistband Transmitters), D5844 (UHF Wireless Microphone System+4 Battery Desktop Wireless Microphones), and D5844L (UHF Wireless Microphone System+4 Rechargeable Desktop Wireless Microphones).

## Features

- 4-channel PLL design.
- UHF200 channel PLL digital lock automatic communication function.
- Adopt IR frequency pairing.
- With display screen (to display frequency, channel, squelch, level, etc.).
- With volume control for each channel.
- AF output (using “XLR” sockets for separate output and mixed output).

## Specifications

System Index	Parameters
Frequency Range	632-695.25MHz
Modulation Mode	Broadband FM
Adjustable Range	60MHz
Number of Channels	200
Channel Interval	250KHz
Frequency Stability	Within $\pm 0.005\%$
Dynamic Range	88dB
Maximum Frequency Deviation	$\pm 45\text{KHz}$
Audio Frequency Response	120Hz-16KHz ( $\pm 3\text{dB}$ )

	SNR	>73dB
	Distortion	≤1%
	Working Temperature	-10℃ — +40℃
	Effective Range	150-200m (in open environment)
	Package Dimensions (L×W×H)	530×335×220mm
	D5841 Gross Weight	6.2kg
	D5842/D5843 Gross Weight	5.2kg
	D5844 Gross Weight	6.5kg
<b>Receiver</b>	Wireless Interface	BNC/50Ω
	Sensitivity	-100dBm
	Spur Suppression	≥75dB
	Display Method	Display Screen
	Working Power	DC12V ,600mA
	Package Dimensions (L×W×H)	530×335×100mm
	Machine Dimensions	430×176×44mm
	Gross Weight	3.9kg
	Net Weight	2.3kg
<b>Transmitter</b>	Antenna Method	1/4 wave whip antenna for the waistband transmitter, and built-in onboard antenna for the handheld microphone.
	Output Power	High power 14dBm; low power 6dBm
	Spur Suppression	-60dB
	Power Supply	2 AA 1.5V alkaline batteries
	Endurance	More than 10 hours at 14dBm; more than 15 hours at 6dBm.
	Desktop MIC Rod Length	420mm
	Display Method	Display Screen
	Handheld MIC Dimensions (Maximum Diameter × Length)	∅ 50×265mm (Handheld part diameter ∅ 34~38mm)
	Waistband Transmitter Dimensions	110×64×25mm (excluding antenna length, 80mm more if included)
	Desktop MIC Dimensions	151×100×55mm
	Net Weight of Desktop MIC	0.45kg
	Net Weight of Handheld MIC	0.45kg
Net Weight of Waistband Transmitter	0.1kg	