UR-2Q | QUAD CHANNEL 130MHz WIDEBAND TRUE DIVERSITY WIRELESS MICROPHONE



UR-2Q series wireless microphone cohesive Relacart long-term accumulation of technical essence, with advanced four-channel electrical tuning technology, 130MHz switching bandwidth (depending on the region); has a beautiful industrial design appearance; with independent research and development of DSP audio expansion algorithm Support Dante protocol output, Magic EQ function can be adjusted freely; this series is suitable for high-demand nightclubs, multi-purpose demonstration halls, hotels, conferences and small and medium-sized performances.

Key Features

Dante Network Audio Protocol

- With Dante network audio output, Dante audio device can automatically identify the Dante channel of the product; audio signal can be output to any Dante audio device.

[Magic EQ] Function

- It features the domestically pioneering built-in 9-band digital audio equalizer (Magic EQ), allowing users to tune their preferred sound quality directly via the host's embedded software.

IR Infrared Counter-Frequency

- With [IR] infrared automatic frequency matching function, press the [SYNC] button, the transmitter can automatically and lock on to an open accurately.

Energy Conservation

- Precise low-consumption circuit design, use two AA alkaline battery, the battery life is twice as common.

DSP Audio Digital Extension

- High-speed DSP chip, 24-bit high-performance ADC, DAC plus self-developed digital audio expansion algorithm to minimize the noise caused by wireless transmission.

Automatic Frequency Selection (AFS)

- With [AFS] (Auto Frequency Selection) function, enter the setup menu and select AFS function, the receiver will auto-scan and lock on to an open interference-free frequency.

Ultra Wide Bandwidth

- Ultra-wideband UHF 470MHz ~ 960MHz, pure diversity reception; each channel division and frequency design, to ensure the most wireless microphones can be used simultaneously in the narrowest frequency range.

Universal Property

- 134MHz wideband transmitter, multiple receivers in different frequency bands are free to use.

Product Specification



UR-2Q

Ouad Channel Wireless Receiver

- The 1U metal chassis of the international EIA standard is adopted. It is elegant with novel, concise and ultra wide angle OLED liquid crystal display and visualized LED.
- Receiver bright OLED display, can display the working channel or frequency, receiver name, transmitter battery capacity, visual LED display RF and AF signal strength.
- Built in antenna distribution system.

Main Frame Size:	EIA Standard Rack 1U
Frequency Stability:	±0.005%
External Antenna:	Dual BNC support
Interface:	+12V/150mA output
External Audio Interface:	Mixed balanced audio output, BALANCED single channel balanced audio output
Ethernet Port:	Support Dante communication protocol
Carrier Frequency Range:	470MHz~960MHz
Oscillation:	PLL synthesized
Sensitivity:	5dBu,S/N>60dB at 25KHz deviation
Bandwidth:	130MHz
Max. Deviation Range:	±45KHz
Audio Sampling Rate:	96KHz 24-bit
Audio Expansion:	Relacart DSP Digital Audio Extension Algorithm
S/N:	>105dB
T.H.D:	<0.7%@1KHz
Frequency Response:	80Hz~18KHz ±3dB
Operation Range With Line of Sight Approx:	80 meters
Power Supply:	AC input, ICE connector, 100-240 VAC
Dimensions(mm):	480(W)×350(D)×43(H)



UH-2

Wireless Handheld Microphone

- Handheld wireless microphone, simple design style, durable metal material, high contrast OLED display, built-in gain adjustment function, humanized mechanical switch, microphone module design, and a variety of characteristics of the sound head module can be matched, suitable for speech, singing and other occasions.

Carrier Frequency Range:	470MHz-960MHz
Harmonic Radiation:	<45dBm
Bandwidth:	Single-band 134MHz
Modulation Mode:	FM
Audio Compression:	Relacart classic audio compression circuit
Capsule:	Dynamic or Condenser, Cardioid
RF Power Output:	10mW/30mW
Battery:	AA ×2
Current Consumption:	130mA(typical)
Battery Life:	Approximately 8 hours
Dimensions(mm):	52(Φ)×255(L)
Weight (without battery) :	Approximately 235g



UT-2

Wireless Bodypack Transmitter

- Contracted design style, solid and dural metal material, high contrast OLED display.Built-in gain adjustment function.
- Standard Mini XLR microphone interface, suitable for the headset mic and clip mic of a variety of well-known brand in the market. Suitable for application in speech, singing and other occasions

Carrier Frequency Range:	470MHz-960MHz
Harmonic radiation:	<45dBm
Bandwidth:	Single-band 134MHz
Modulation Mode:	FM
Audio compression:	Relacart classic audio compression circuit
Input Connector:	4-pin mini-XLR connector、Input gain 3 levels adjustable
RF Power Output:	10mW / 30mW
Battery:	AA ×2
Current Consumption:	130mA(typical)
Battery life:	Approximately 8 hours
Dimensions(mm):	84(H)×66(W)×23(D)
Weight (without battery):	Approximately 155g



UB-943

Wireless Array Microphone

- The wireless array microphone adopts a metal streamlined desktop design with OLED display.
- The array microphone has an ultra-long pickup distance of 80CM and a deeper pickup range, and its directional characteristics are significantly improved compared to ordinary cardioid microphones.

Carrier Frequency Range:	521.25MHz ~ 936.85MHz
Oscillation Mode:	PLL synthesized
Bandwidth:	134MHz
Max. Deviation:	±45KHz
RF Output Power:	30mW
Power Supply:	Lithium-ion polymer rechargeable battery