

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



Dante™
SPOKEN HERE

UR-2Q series wireless microphone cohesives 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 built-in 9 kinds of digital audio equalizers (Magic EQ), which can directly change the audio quality curve through parameters.

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 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
Quad 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 1U
Frequency Stability	±0.005%
External Antenna Interface	Dual BNC support +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



UH-2
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 x2
Current Consumption	130mA(typical)
Battery life	Approximately 8 hours
Dimensions(mm)	52(Φ)x255(L)
Weight (without battery)	Approximately 235g



UT-2A
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 x2
Current Consumption	130mA(typical)
Battery life	Approximately 8 hours
Dimensions(mm)	84(H)x66(W)x23(D)
Weight (without battery)	Approximately 155g