

# UR-111D

UR DUAL-CHANNEL ANTENNA DIVERSITY WIRELESS MICROPHONE SYSTEM



UR-111D Series of condensed the technology essence that Relacart accumulated over a long period. With advanced technology, sophisticated design, stable performance, with beautiful appearance, convenient operation and attractive price, with superior professional quality to win the market competition. This series is suitable for the nightclub of high requirements, multi-functional hall, hotel, conference room and small to medium performance.

## Key Features

**AFS (Automatic Frequency Selection)**

- International EIA 1U metal chassis, combined with new-style compact and elegance LCD display.

**IR Infrared**

- Bright and easy-to-read LCD display shows working frequency or channel, RF/AF, diversity strengths; transmitter battery level, mute and built-in electronic volume.

**Anti-Interference**

- Super wide frequency range 522MHz~936 MHz, automatic frequency selection, CPU intelligent antenna diversity receiving.
- "AFS" Automatic frequency selection function, Press the "AFS"(Auto Frequency Selection) button 3S and the receiver will auto-scan and lock on to an open, interference-free frequency.
- Press [IR] button to upload the receiver frequency to the transmitter automatically.

**Super Wide Frequency Range**

- Stable PLL (Phase Lock Loop frequency control)circuit, combining "IP address" and "Noise Lock" mute control function, can effectively separate the RF interference from computer equipment, song machine and DVD in the working environment.
- The receiver's bandwidth is 32MHz and up to 10 systems can be used simultaneously within 32MHz range
- 134MHz wide bandwidth transmitter, greatly convenient for debugging and management

**Energy Conservation**

- Precise low-power circuit design, use two AA alkaline battery, battery life is one time longer as common.

## Product Specification



UR-111D Dual Channel Wireless Receiver

- EIA standard 1U metal rack receiver chassis, offering new style and simple LCD display.
- Bright LCD display can simultaneously display the working channel or frequency, RF&AF signal stats, transmitte battery consumption as well as mute level.
- Antenna output with 8VDC

Main Frame Size:	EIA STANDARD 1U
Channels:	Dual Channel
Frequency Stability:	±0.005% (0~50°C)
Carrier Frequency Range:	522MHz~936MHz
Modulation Mode:	FM stereo modulation
Oscillation:	PLL synthesized
Receiving Sensitivity:	5dBμV, S/N>60dB
Band Width:	at 25 deviation 32MHz
Max. Deviation Range:	±45KHz
S/N:	>105dB
T.H.D.:	<0.7%@1KHz
Frequency response:	80Hz-18KHz ±3dB
Operating Range:	80~100M typical ( in open space)
Power Supply:	DC 12V / 12W
Weight:	1.9kg
Dimension (mm):	410(W)x43(H)x206(D)
Output Connector:	XLR balanced & 6.3φ phone jack unbalanced



UH-1 Wireless Handheld Microphone

- Handheld wireless microphone, simple design style and ergonomic concept, durable metal material, multi-function LCD display. Touch switch design. The capsule of handheld microphone can be removed and replaced. It's suitable for speech, singing and other occasions.

Carrier Frequency Range:	522MHz~936MHz
Oscillation:	PLL synthesized
Harmonic radiation:	≤45dBm
Bandwidth:	134MHz (It depends on the region)
Max.Deviation Range:	±45KHz
Microphone Element:	Cardioid Dynamic /Cardioid Condenser
RF Power Output:	8mW/15mW
Battery:	AA X 2
Current Consumption:	110mA (Typical)
Battery Current / Life:	Approximately 10hours
Dimension:	52(Φ) X 255(L)
Weight:	208g (w/o battery)



ET-60 Wireless Bodypack Transmitter

- Bodypack-style wireless microphone, simple design, lightweight and practical engineering materials, durable, multi-function LCD display, built-in input selector switch, can be used to facilitate the instrument. The standard mini XLR microphone interface is suitable for a variety of well-known headset and clip microphones on the market. It is suitable for applications such as speech and singing.

Carrier Frequency Range:	522MHz~936MHz
Oscillation:	PLL Synthesized
Harmonic Radiation:	≤50dBm
Bandwidth	134MHz (It depends on the region)
Max. Deviation Range:	±45KHz
Input Connector:	4-pin mini-XLR connector
RF Output Power:	10MW/40MW
Battery:	AAx2
Current Consumption:	110mA(Typical)
Battery Current/ Life:	Approximately 11 hours
Dimension:	84(H) X66(W) X 23(D)
Weight:	116g (w/o battery)



UD-1 Wireless Conference Microphone

- Desktop gooseneck wireless conference microphone, simple design, durable metal material, multi-function LCD display, built-in high-pass filter and gain adjustment, silent touch switch. Suitable for various applications in government departments, institutions, etc.

Carrier Frequency Range:	522MHz~936MHz
Oscillation:	PLL Synthesized
Harmonic Radiation:	≤50dBm
Bandwidth	134MHz (It depends on the region)
Max. Deviation Range:	±45KHz
RF Output Power:	13mW
Battery:	AAx2
Current Consumption:	130mA(Typical)
Battery Current/ Life:	Approximately 9 hours
Microphone Lengths:	340/420(default)/480
Weight:	Approximately 830g (w/o battery)
Color:	Nickel Black