

# UR-223D

## UR DUAL-CHANNEL TRUE DIVERSITY WIRELESS MICROPHONE SYSTEM



UR-223D is a dual channel true diversity wireless microphone system. The true diversity reception is more stable, with automatic dispatch, eliminate receive dead Angle, avoid fault frequency phenomenon. UR-223D with advanced technology, stable performance, exquisite appearance, convenient operation and superior professional quality to win the market. This series is suitable for high requirement night club, multi-function room, hotels, and conference room and medium to large performance.

### Product Specification



UR-223D  
Dual Channel Wireless Receiver

- EIA Standard Rack 1U metal chassis, combined with novel compact LCD display.
- The receiver with ultra wide reviewing angle LCD display, shows working channel/frequency, RF/AF, transmitter battery level, mute and other status. And built-in electronic volume.

Channels:	Dual Channel
Frequency Stability:	±0.005%(-10°C~50°C)
Carrier Frequency Range:	521.25MHz~936.85MHz
Modulation Mode:	FM
Oscillation:	PLL synthesized
Sensitivity:	S/N>60dB at 25 deviation
Output Connector:	XLR balanced & 6.3φ phone unbalanced plug
Antenna Connector:	BTC
Bandwidth:	64MHz
Max Deviation Range:	±45KHz
S/N:	>105dB
T.H.D:	<0.7%@1KHz
Frequency Response:	80Hz-18KHz ±3dB
Operating Range:	80M typical(in open space)
Companding:	Relacart classical audio processing technology
Power Supply:	DC 12V/12W
Dimension(mm):	410(W)×206(D)×43(H)
WeightApproximately:	1.9kg

### Key Features



#### AFS(Automatic Frequency Selection)

- Press the "AFS" (Auto Frequency Selection) button 3 sec and the receiver will auto-scan and lock on to an open, interference-free frequency.



#### IR Infrared

- Press [IR] button to upload automatically the receiver frequency to the transmitter.



#### Flexibility

- The handheld microphone: novel design, OLED display screen, showing battery level, working channel and frequency. The tube is made by durable alloy, effectively protecting the circuit element and battery rack, and with ergonomic grip.
- The new optimized circuit design, good sound quality, transmission distance is longer and more stable
- The capsule of handheld microphone can be removed and replaced, and the condenser or dynamic capsule can be used. It's compatible with SHURE SM-58 capsule. Using 6.3 mm unbalanced output and XLR balanced output synchronization output design, convenient to connect all kinds of audio processing equipment



#### Super Wide Frequency Range

- Super wide frequency range 521.25-936.85MHz, with AFS function, dual channel receiving circuit of true diversity reception.



#### Univesal Propergy

- the capsule of the handheld microphone is detachable, can choose dynamic or condenser capsule, even can change to the famous international brand microphone capsule.



#### Energy Conservation

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



#### Anti-Interference

- PLL (Phase Lock Loop frequency control) design combine "IP address" and "noise detection" mute control function, which can effectively block noise and radio frequency interference in the working environment, like the computer equipment, karaoke machine and DVD, etc.



UH-222  
Wireless Handheld Microphone

- Handheld wireless microphone, simple design style, durable metal material, high contrast OLED display, built-in gain adjustment function, mute switch (optional mechanical switch). Microphone modular design, and various features of the capsule module optional, suitable for various occasions such as speech, singing, etc.

Carrier Frequency Range:	521.25MHz~936.85MHz
Oscillation:	PLL Synthesized
Harmonic Radiation:	<45dBm
Bandwidth:	134MHz(It depends on the region)
Max. Deviation Range:	±45KHz
Microphone Element	Dynamic/Condenser(removable)
RF Output Power:	10MW/40MW
Battery:	AAx2
Current Consumption:	110mA(Typical)
Battery Current/ Life:	Approximately 11 hours
Microphone Lengths(mm):	52(Φ)×255(L)
Weight:	Approximately 235g (w/o battery)



UT-222  
Wireless Bodypack Transmitter

- bodypack-style wireless microphone, simple design, lightweight and practical engineering materials, durable, multi-function OLED 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:	521.25MHz~936.85MHz
Oscillation:	PLL Synthesized
Harmonic Radiation:	<45dBm
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(mm):	84(H)×66(W)×23(D)
Weight:	155g (w/o battery)