

## UR-280 | DUAL-CHANNEL TRUE DIVERSITY WIRELESS MICROPHONE SYSTEM



### Description

- UR-280 is a dual-channel true diversity wireless microphone system condensed from the essence of Relacart's many years of technology. It has advanced technology, stable performance and exquisite design. The bandwidth is up to 64MHz, wider than similar products on the market, with more frequency to choose from; the volume is adjustable in 1dB step, three levels of RF power are optional, multi-level SQ is optional, and a handheld microphone charging base is optional. It is more convenient; the 1.14-inch TFT color display has higher display quality. It is fully suitable for high-demand business negotiation venues, multi-functional halls, hotels, conference rooms and small to medium-sized performance venues.

### Product Specification

Chassis specification:	EIA standard 1U
Receiving channel:	Dual channel
Frequency stability:	$\pm 0.005\%$
Carrier frequency band:	521.25MHz-936.85MHz
Modulation method:	FM
Oscillation mode:	PLL frequency synthesis technology
Sensitivity:	When the offset is equal to 25KHz and 5dBuV is input, $S/N > 60\text{dB}$
Band width:	64MHz (depending on region)
Maximum offset:	$\pm 45\text{KHz}$
Comprehensive S/N ratio:	$> 110\text{dB}$
Comprehensive T.H.D:	$< 0.5\% @ 1\text{KHz}$
Frequency response:	50Hz-18KHz $\pm 1\text{dB}$
Effective working distance:	Generally 100 meters (wide range)
Power supply:	DC12V/1A
Dimensions (mm):	410 (L) x 206 (W) x 43 (H)
Antenna interface:	Dual BNC supports +12V/150mA
Output audio interface:	6.3mm unbalanced audio output, XLR balanced audio output
Weight:	Approximately 2 kg

# UH-280 | WIRELESS HANDHELD MICROPHONE



## Description

- Equipped with a 1.14-inch color TFT screen, clearly display status of frequency group, frequency band, battery level, dB value, lock/unlock, etc. Powered by two pc of AA battery or NiMH battery. It can be put in the dual-bay charger for charging when adopt NiMH battery. It is suitable for various occasions that require frequent charging.

## Product Specification

Carrier Frequency Range:	521.25MHz~936.85MHz
Harmonic Radiation:	<45dBm lower than the main wave
Bandwidth:	Single channel 134MHz (depending on the region)
Modulation:	FM
Capsule:	Dynamic
RF Output Power:	high, medium, low
Volume adjustment:	+15- -5dB, 1dB step
Current Consumption:	170mA(Typical)
Battery Current/ Life:	Approximately 8 hours(alkaline)
Dimension(mm):	55(Φ) × 269(L)

## UT-280 | WIRELESS BODYPACK TRANSMITTER



### Description

- It's a mini wearable bodypack transmitter with a compact appearance, light weight and durability. Equipped with a 4-pin mini XLR input port, can connect an external microphone. Powered by one pc of AA battery or NiMH battery. It can be put in the dual-bay charger for charging when adopt NiMH battery. It is suitable for speeches, meetings, education, performances and other occasions.

### Product Specification

Carrier Frequency Range:	521.25MHz~936.85MHz
Oscillation:	PLL synthesized
Harmonic Radiation:	<45dBm lower than the main wave
Max. Deviation:	±45KHz
Input Connector:	4-pin mini XLR connector
RF Output Power:	high, medium, low
Volume adjustment:	+15- -5dB, 1dB step
Battery:	Aa×2
Current Consumption:	170mA(Typical)
Battery Current/ Life:	Approximately 8 hours(alkaline)
Dimension(mm):	65(W)×21.3(D)×75.5(H)