

# HR-32D

## DUAL CHANNEL WIRELESS RECEIVER



### Description

- HR-32D is a dual-channel wireless microphone system integrating a spectrum analyzer and wireless audio transmission. The spectrum analyzer serves to visualize the system's frequencies, ensuring optimal controllability and stability in any performance setting, and delivering pristine, immersive sound quality. The HR-32 series combines digital audio with an analog FM radio link to provide outstanding audio quality and the exemplary RF performance of the finest analog wireless systems with the low noise and low audio distortion of digital wireless, offering 130 MHz switching bandwidth (depending on region), flexible frequency management, upgradeable RWW Wireless System Management Software, reliable, simple yet sophisticated technology, and rugged housing for protection. This fully functional and flexible wireless microphone system provides professionals with more excellent choices and fully proves Relacart's professionalism in all kinds of performances.

### Product Specification

Main Frame Size:	EIA Standard Rack 1U
Receiving Channel:	Dual Channel
Receiving Mode:	True Diversity
Frequency Reliability:	$\pm 0.005\%$ (-10-50°C)
External Antenna Interface:	BNC,DC 12V/150mA output
External Audio Interface:	Mixed 6.35mm unbalanced ,independent channel XLR output
Ethernet Port:	Support Dante communication protocol
Receiving Frequency Band:	521.25MHz-936.85MHz
Working Mode:	PLL frequency synthesis oscillation and secondary mixing reception technology
Receiving Sensitivity:	When the offset is equal to 25KHz and 5dBu is input, S/N>60dB
Bandwidth:	Single channel 130MHz (depending on the region)
Max. Deviation:	$\pm 45\text{KHz}$
Audio Sampling Rate:	96KHz 24-bit
Audio Extension:	Relacart DSP digital audio extension algorithm
Comprehensive S/N:	>105dB
Comprehensive T.H.D:	<0.7%@1KHz
Frequency Response:	50Hz-18KHz $\pm 3\text{dB}$
Working Range:	100M Typical(in open space)
Power Mode:	AC 100~240V, 50/60Hz
Dimension(mm):	410 (L) x 206 (W) x 43 (H)
Weight:	Approximately 1.8KG