

# UHF Wireless Microphone System with Receiver and Transmitter

This UHF wireless microphone system includes both a receiver and a transmitter. The receiver operates in the UHF 614MHz-814MHz frequency range and features a dual-squelch circuit and LCD display.



## Overview

### Professional UHF Wireless Microphone System

This professional-grade UHF wireless microphone system is designed for reliable audio performance in demanding environments. Featuring a high-stability quartz crystal oscillation and a dual-squelch circuit, it ensures clear sound transmission with minimal interference. With an operational frequency range of 614MHz-814MHz and an effective range of 200 feet, this system is well-suited for professional audio applications requiring consistent signal quality and durability.

## Receiver Specifications

### Dimensions & Weight

**2.1 kg**

Weight

**420 mm**

Length

**45 mm**

Height

**195 mm**

Depth

Frequency Range	614MHz - 814MHz
Sensitivity	-105 dB
S/N Ratio	105 dB
Frequency Response	40Hz - 18KHz
Output Impedance	2.2 kΩ
Power Supply	12-18V DC, 0.35A

## Transmitter Specifications

Transmission Power	30 mW
Harmonic Power	40 dB
Battery Voltage	1.5V x 2

## Performance Metrics

### Key Performance Indicators

Parameter	Value
Total Harmonic Distortion (T.H.D.)	<0.5% @ 1KHz
Image Rejection	>85dB
Adjacent Channel Interference	>75dB
Effective Range	200 feet