NCS-R51
UHF Wireless Microphone



Stable Transmission | Automatic Pairing | Lightweight & Portable Design

INTRODUCTION

SPON's UHF Wireless MicrophoneNCS-R51 is a digital wireless microphone designed for mid-to-high-end applications such as multimedia classrooms, AV teaching, and lecture or meeting environments.
With digital wireless transmission technology and a 24 kHz sampling rate, it delivers clear and stable voice pickup. Featuring anti-interference performance, low crosstalk, presentation control functions, and a lightweight form factor, the NCS-R51 is well suited for teaching and presentation applications.

MAIN FEATURES

- **Stable Wireless Transmission:** Supports multiple pairing methods and offers strong anti-interference performance for reduced crosstalk and stable communication.
- **Clear Voice Pickup:** With a 24 kHz sampling rate and digital audio processing, it delivers clear voice reproduction for teaching and presentation applications.
- **Presentation Control Functions:** Integrates laser pointer, PPT page control, and one-touch black screen functions for more efficient classroom and meeting presentations.
- **Lightweight Ergonomic Design:** Features a slim and lightweight pen-style body with a comfortable grip and well-arranged buttons for convenient operation.
- **Convenient Charging and Runtime:** Built in with a rechargeable lithium battery and Type-C charging for daily mobile teaching and presentation use.

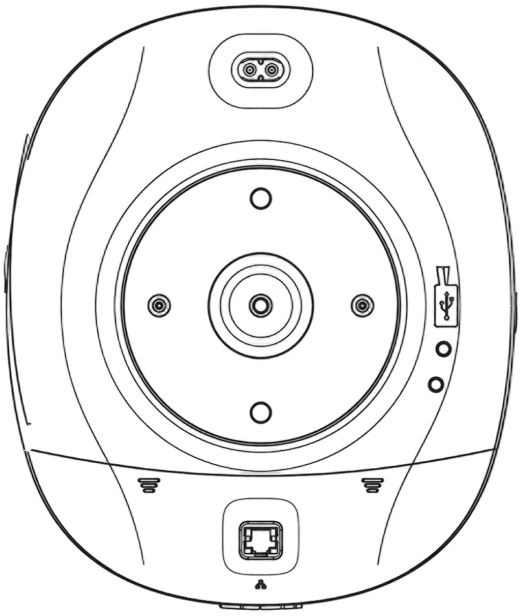
PARAMETERS:

Battery Voltage	3.7 V
Battery Capacity	340 mAh
Charging	5 V / 800 mA, 2 A Power Adapter
Sampling Resolution	16-bit
Sampling Rate	24 kHz
Frequency Response	100 Hz to 10 kHz (±3 dB)
THD	<0.4% @ 94 dB SPL, 1 kHz
Signal-to-Noise Ratio (SNR)	83 dB
System Delay	15 ms
Full-Scale Input	220 mVrms
Full-Scale Output	882 mVrms
Output/Input Gain	12.2 dB
Frequency Selection	Key Combination
Data Rate	2 Mbps
Transmission Power	>10 dBm
Max Operating Distance	10 m
Operating Temperature	0°C to 50°C
Operating Humidity	10% to 90% RH, Non-Condensing
Color	Black
Product Dimensions	155 × 22 × 13.5 mm
Package Dimensions	212 × 175 ×37 mm
Net Weight	15 g
Warranty	2 Years

ACCESSORIES

ACCESSORIES	1 × 3.5 mm Headset Microphone, 1 × Type-C Charging Cable

CONNECTION DIAGRAM



NXT-3602
Intelligent Equalize Sound Speaker

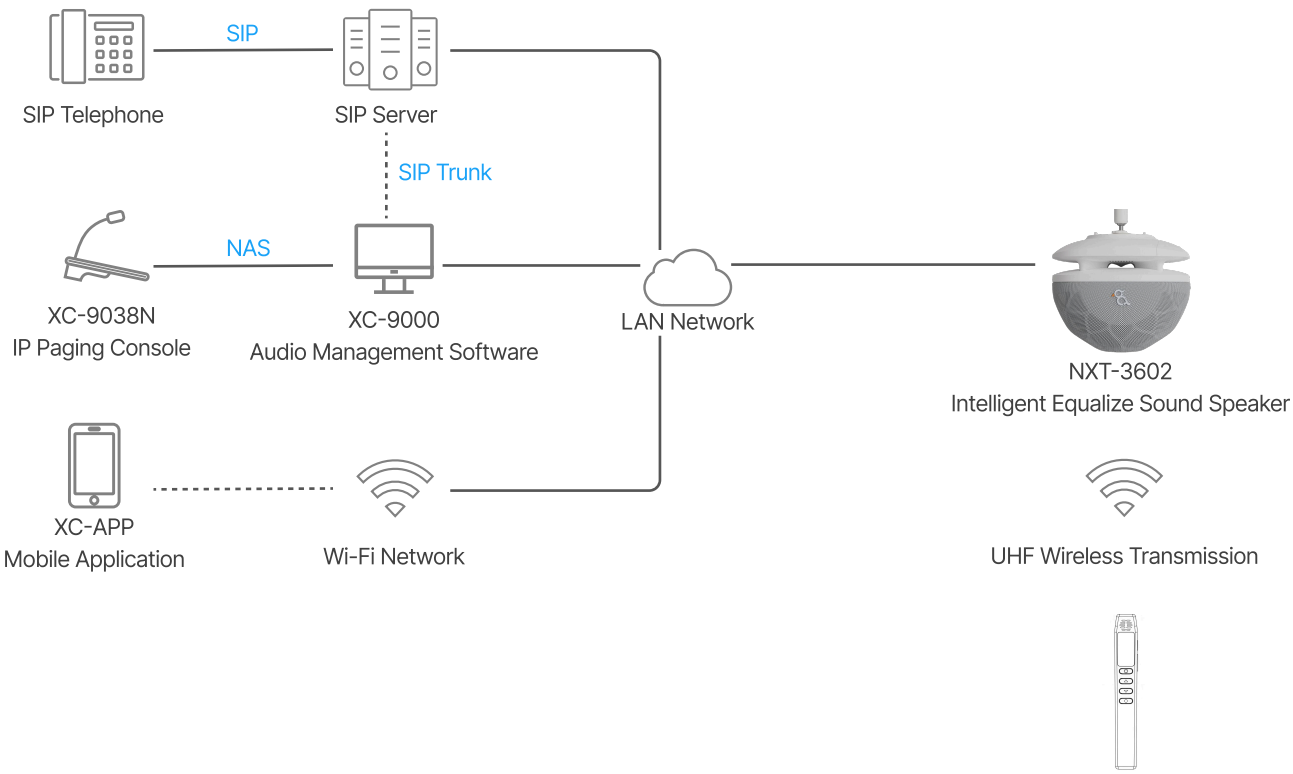


UHF Wireless Transmission

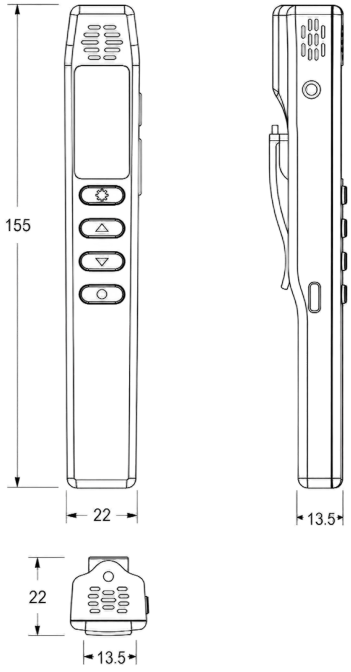


APPLICATION

The SPON NCS-R51 UHF Wireless Microphone can be connected to the SPON NXT-3602 Smart Equalized Speaker for wireless speech reinforcement. The NXT-3602 features built-in DSP processing and 360° omnidirectional sound coverage, providing clear, balanced, and intelligible audio for classrooms, lecture rooms, training centers, and small meeting rooms.



DIMENSION



NCS-R51	WEIGHT	MM
PRODUCT DESCRIPTION	OUTER DIMENSIONS (W*H*D)	UNIT HEIGHT
UHF WIRELESS MICROPHONE	155 × 22 × 13.5 mm	N/A