NAC-5068A Wireless Receiving Panel





2.4G Wireless Connection | 86 Box Mounting | Magnetic Pairing

INTRODUCTION

The NAC-5068A is a standard 86-type wireless receiver panel using 2.4 GHz FHSS frequency hopping technology. It features a built-in PCB trace antenna and supports magnetic proximity pairing with automatic frequency calibration. The device outputs balanced/differential analog audio signals through a Phoenix connector and can be connected to external devices or active speakers, making it suitable for wireless microphone reception, voice amplification, classrooms, meeting rooms, and multimedia spaces.

MAIN FEATURES

- **Standard 86-Type Installation:** Designed in a standard 86-type form factor for easy wall-mounted installation, replacement, and maintenance.
- **2.4 GHz FHSS Wireless Communication:** Supports 2.4 GHz FHSS frequency hopping spread spectrum technology for stable wireless connection and improved anti-interference performance.
- **Magnetic Proximity Pairing:** Supports magnetic proximity triggering with automatic frequency calibration for quick and easy pairing.
- **Balanced Audio Output:** Provides balanced/differential analog audio output via a Phoenix connector for connection to external devices or active speakers.
- **Dual-Color Status Indicator:** Equipped with a red and green dual-color indicator for clear operating and connection status display.

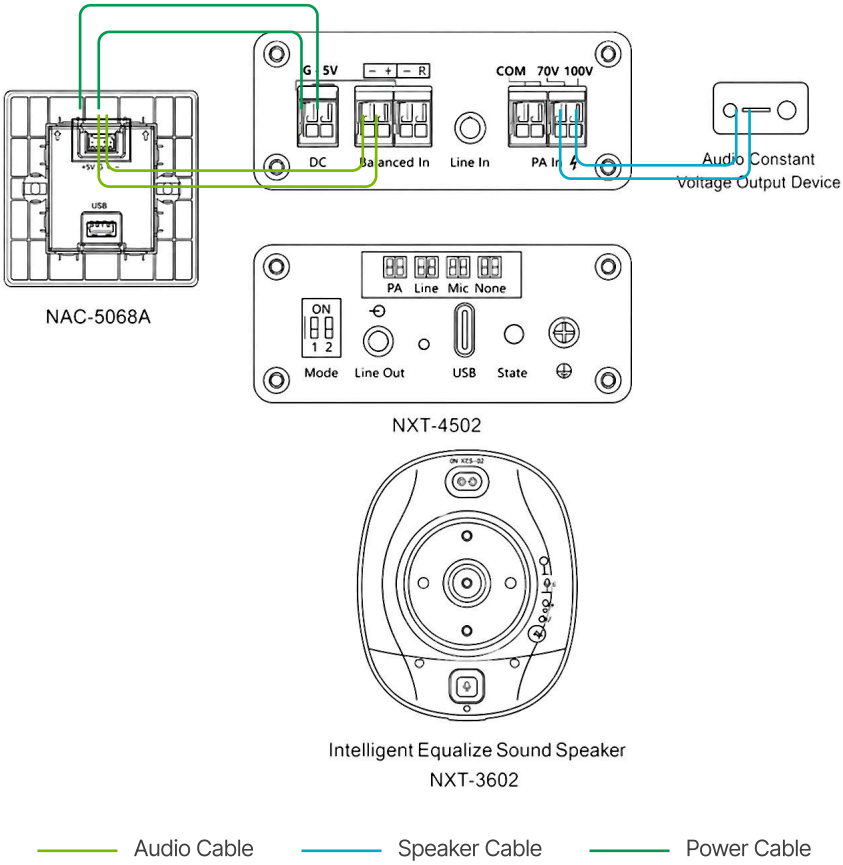
PARAMETERS:

Installation	86-Type Wall Mounting
Communication Protocol	2.4 GHz FHSS
Operating Range	<20 m, LOS under ideal conditions
Antenna	PCB Trace Antenna, Non-Removable
Control Interface	Hall Effect Sensor + 2.4 GHz Wireless
Interface Type	Phoenix Connector
Audio Output	Balanced/Differential Analog Audio Signal Output
Pairing Method	Magnetic Proximity Triggering with Auto-Frequency Calibration
Power Input	External USB 5 V Power Supply
Recommended Power Supply	DC 5 V / 100 mA
Indicator	1 × Red and Green Dual-Color Indicator
Recommended Cable	4-Core RVWP Cable, 4 × 0.5 mm^2
Product Dimensions	86 × 86 × 30 mm
Package Dimensions	130 × 130 × 52 mm
Warranty	2 Years

ACCESSORIES

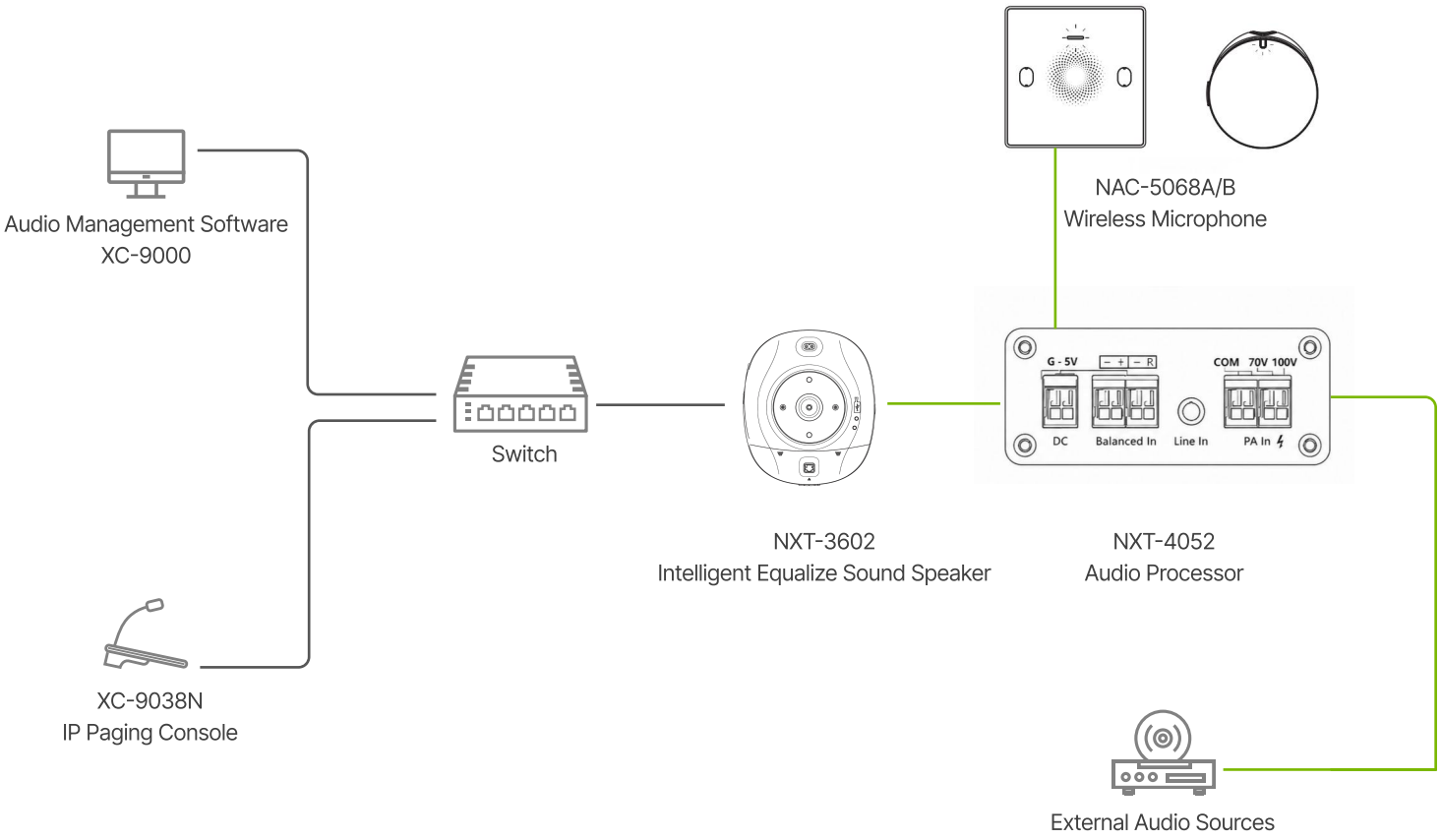
ACCESSORIES	1 × Wireless Receiver Panel 1 × 4P Phoenix Connector

CONNECTION DIAGRAM

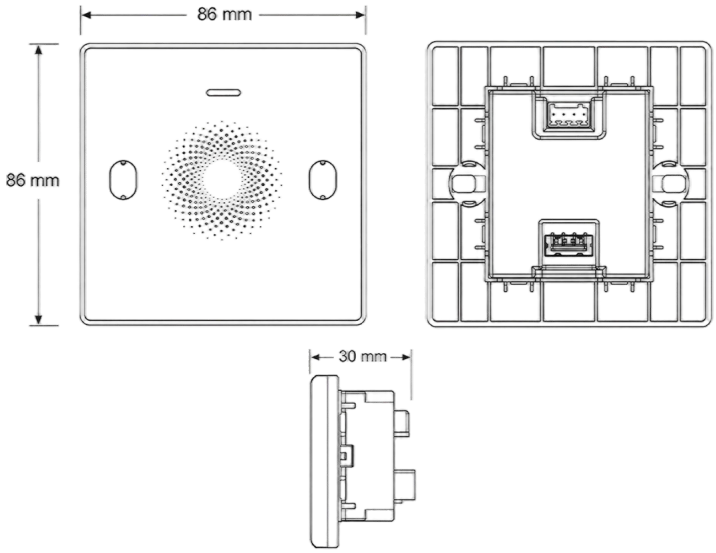


APPLICATION

The SPON UHF Wireless Microphone Kit NAC-5068A/B can be connected to the Digital Audio Processor NXT-4502 and SPON NXT-3602 Smart Equalized Speaker for wireless speech reinforcement.



DIMENSION



NAC-5068A			
PRODUCT DESCRIPTION	OUTER DIMENSIONS (W*H*D)	UNIT HEIGHT	WEIGHT
WIRELESS RECEIVING PANEL	86 x 86 x 30 mm	N/A	kg

MM