



NXT-4052

Digital Audio Processor

SPON Digital Audio Processor NXT-4052 supports echo cancellation and howling suppression, offers 4-channel audio mixing, supports balanced, 3.5 mm, and 70V/100V inputs, allows DIP-switch mixing mode selection, and features dual power interfaces for flexible deployment.

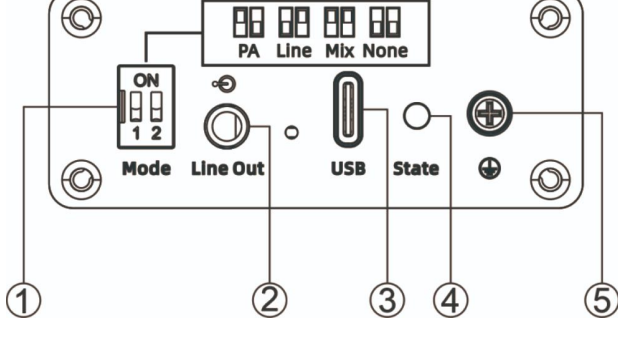
SPECIFICATION

Power Supply	DC5V ,1A
SNR	≥85dB
Frequency Response	70Hz~20KHz@-3dB
Total Harmonic Distortion	<0.5%
Balance Input Voltage	550mV
Unbalance Input Voltage	550mV
Input Voltage	70V/100V
Operatiing Temperature	0℃~+55℃
Product Dimension	122.4*66*27mm
Product Warranty	2 Years

01

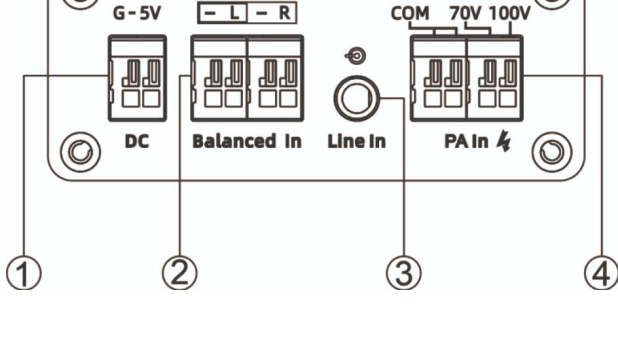
INTERFACE DESCRIPTION

[Front Panel]



- ①Output Mode: Deside the output content of auido output port by dial-up.
- ②Line Out: Connect active speaker.
- ③USB: Type-C port, program burning port/power input port.
- ④State: Power indicator light.
- ⑤Grounding Terminal

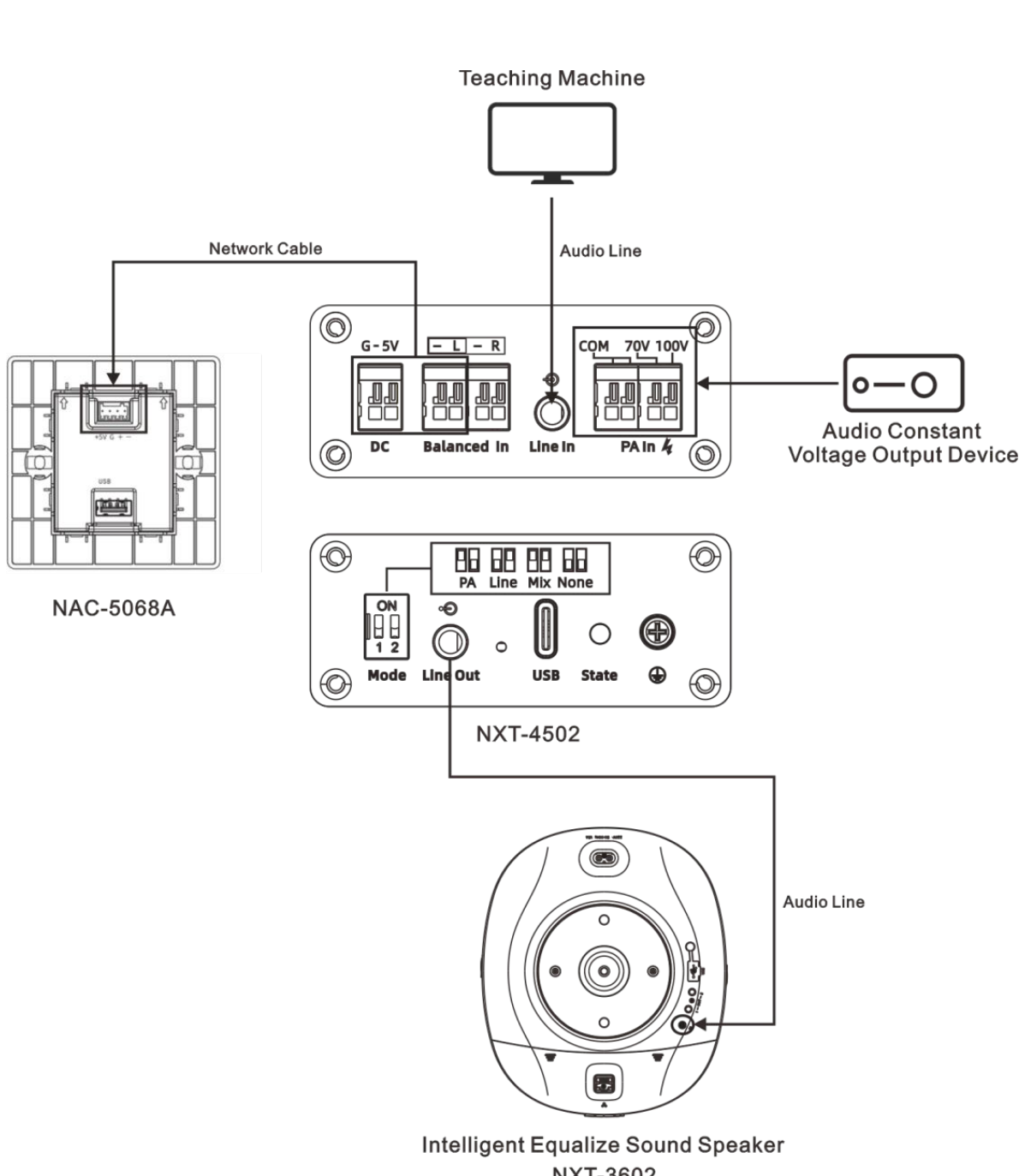
[Rear Panel]



- ①Power Input Port: Connect DC5V power input(also can be used as power output).
- ②Balanced In: Connect to balanced output device.
- ③Line In: Connect to computer, and mobile phone ect.
- ④Constant Voltage Input: Connect to constant voltage output device.

05

CONNECTION DIAGRAM

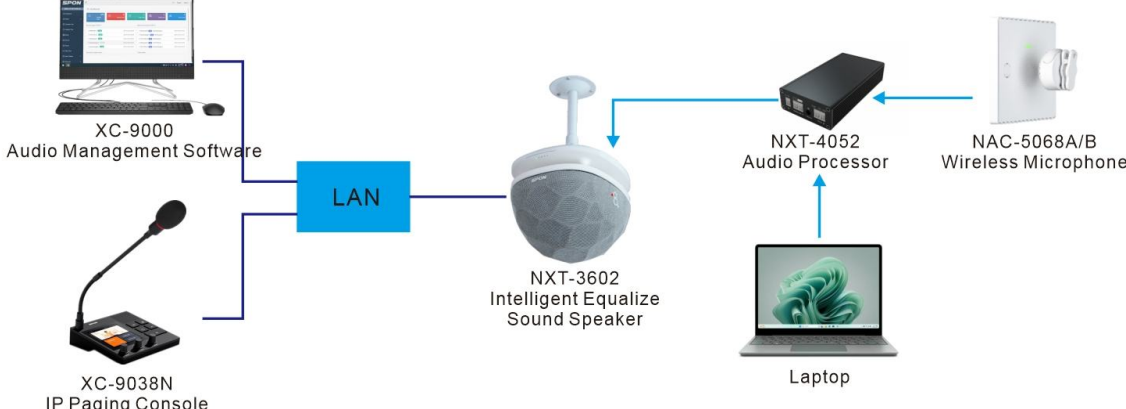


04

APPLICATION

I Application 1

The wireless microphone NAC-5068A/B can work with the audio processor NXT-4052. This combination can be integrated with the SPON IP PA system, allowing the voice collected from the wireless microphone to be output to the IP speaker for local sound amplification.



DIMENSIONAL DRAWING

