NAJA S303-C & NAJA S304-C
Wire & Wireless Integrated Digital Conference System - Wire Terminal

Product Features

✧ Wired and wireless sub-systems are converged, the host computer can control the wired and wireless sub-systems in one language;

✧ Wired sub-system is equipped with audio clock synchronization technology, with a delay time of less than 4 ms. Wired sub-system adopts non-compressed audio transmission to ensure audio quality. Wired sub-system uses customized shielded 6-core cable;

✧ The sub-system can be connected to the conference system's wireless grid (AP) to extend the range of wireless access;

✧ Independent audio output for each sub-system to control the volume separately. Wireless sub-system includes 4 independent channel outputs and 1 MIX output. Wired sub-system includes one MIX audio output;

✧ Supports 4~8 sub-systems for simultaneous speech, both sub-systems are configured in unison;

✧ Based on iMeetingPlat™ technology platform for a brand new user experience. Conference status and configuration can be seen at a glance;

✧ Meeting mode: FIFO/Quantity Limit;

✧ Date, time, day of week settings/volume and brightness settings/language settings/unit numbering/wireless environmental scanning/Visca, Peleco-D, Peleco-P camera protocols;

✧ Supports three colors of Chairperson, VIP, and Attendance, software defined, easy and convenient member attribute management;

✧ The system terminal features a unique piano piano language key with a muted sound design for a great experience.

Wired Subsystem

✧ High-speed 6-core digital cable is used to transmit data and power, with a transmission distance of up to 150 meters;

✧ Sampling frequency 48KHz, frequency response 20Hz-20kHz, CD-level sound quality;

✧ Wired sub-system with 4 channels of input, each channel can connect up to 32 units, supporting up to 128 units;

✧ Supports ring type manual. Hot-swap and short-circuit protection;

✧ The system terminals are shielded with metal structure and anti-interference design to prevent signal interference.
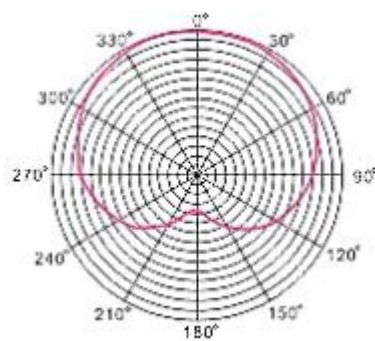
Specification

Items	Parameters
Mode	Voice: Digital Communication; Control: Digital Communication
S/N	>88dB
Dynamic Range	88dB
T.H.D	<0.1% (@1KHz)
Frequency Response	50~16KHz
Frequency Response Attenuation	<1dB (20Hz~20KHz)
Latency	<1ms
Transmission Medium	High-speed 6-core digital cable /Category 6 network cable
Harmonic Distortion	<0.5%
Connector	6 Cores DIN*5
Ports	RJ45*1/UPDATE*1/RS485*1/RS232*1
Input Channel	4x6P DIN
Effective Transmission Distance	150m

Acoustic

Items	Parameters
Type	Capacitor Microphone Core

Sensitivity	-30±2dB(f=1KHZ,S.P.L=1Pa 0dB=1V/Pa)
Freq.Response	70Hz〜16kHz
Operating Voltage	1.0V-5.0V
MAXS.P.L	105dB(F=1KHz，THD＜5%)
S/N	70dB(S:f=1KHz,S.P.L=1Pa; N:A-Weighted curve)

Directivity

Electrical & Physical

Items	Parameters
Screen	3.5 inch TFTColor capacitive touch screen
Resolution	640x480
Power Supply	6-Core digital cable
Operating temperature	-18°C~50°C (battery characteristics may limit this range)
Weight	150g
Size	Base: 120x180x110; Mic: 290x50x40
Material	Cast Aluminum + Cast Iron + Trademarked Plastics
Storage temperature	-29°C~74°C (battery characteristics may limit this range)