

NAJA S305-CU

Wire & Wireless Integrated Digital Conference System - Handheld 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.

Wireless Subsystem

- ✧ Real-time sweeping with automatic frequency cutting. The unit uses the optimal frequency for each language;
- ✧ Supports up to 3 wireless gateway pairs, with wireless range no longer limited by host location;
- ✧ The wireless grid supports up to 256 wireless language units.

Specification

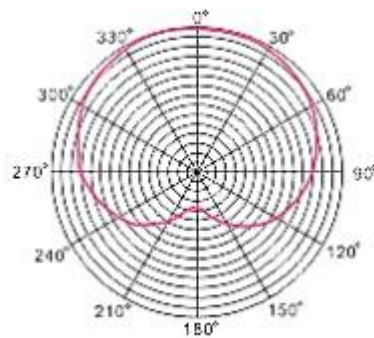
Items	Parameters
Mode	Voice: Digital Communication; Control: Digital Communication
Modulation	Voice: PI/4 DQPSK; Control: GFSK
Carrier freq. band	668MHz~698MHz
S/N	>96dB
T.H.D	<0.2% (@1KHz)
Frequency Response	30~18KHz
Frequency Response Attenuation	<2dB (20Hz~20KHz)
Latency	<4ms

Phase Deviation	30Hz low sound deviation <math><30^\circ</math>; 18KHz high sound deviation <math><60^\circ</math>
Effective Transmission Distance	80m

Acoustic

Items	Parameters
Type	Capacitor Microphone Core
Sensitivity	$-30\pm 2\text{dB}(f=1\text{KHZ}, \text{S.P.L}=1\text{Pa } 0\text{dB}=1\text{V/Pa})$
Freq.Response	70Hz ~ 16kHz
Operating Voltage	1.0V-5.0V
MAXS.P.L	105dB(F=1KHz, THD <math>< 5\%</math>)
S/N	70dB(S:f=1KHz,S.P.L=1Pa; N:A-Weighted curve)

Directivity



Electrical & Physical

Items	Parameters
Power Supply	14500 Li-ion battery (3.7V)*2 or AA5 battery (1.5V)*2 [Hybrid Power]

Endurance (hours)	> 10h (Li-ion battery)/3.5h (AA5 battery)
Operating Temperature	-18°C~50°C (battery characteristics may limit the range)
Weight	150g, no batteries
Size	L=245mm; R=38mm
Material	Cast aluminum + Processed plastic
Storage Temperature	-29°C~74°C (Battery characteristics may limit this range)