



Digital IR Language Distribution System for International Conference

System Overview



Background Description

- Simultaneous interpretation has become a crucial component of modern conferences due to the frequent occurrence of international events. It meets the requirements of multilingual conferences and enables participants from different countries or nationalities to communicate and discuss ideas with ease and convenience. Due to its effectiveness, it has become a favored and essential equipment for modern conferences. The International Convention Center is a large-scale comprehensive conference center integrating international conferences, exhibitions, hotels, banquets and performances, which is a professional facility or building for receiving conference teams, with complete exhibition facilities and strong conference functions.

Requirement Analysis

- In international conferences, high-level negotiations and other occasions, instant translation is needed to ensure that participants can understand the speech in real time.
- Simultaneous interpretation can enhance meeting or activity efficiency by providing instant translations alongside the speech, eliminating the need for participants to wait for translations to be completed.
- Simultaneous interpretation can facilitate cross-cultural communication and cooperation by allowing individuals from different language backgrounds to better understand and communicate with each other.

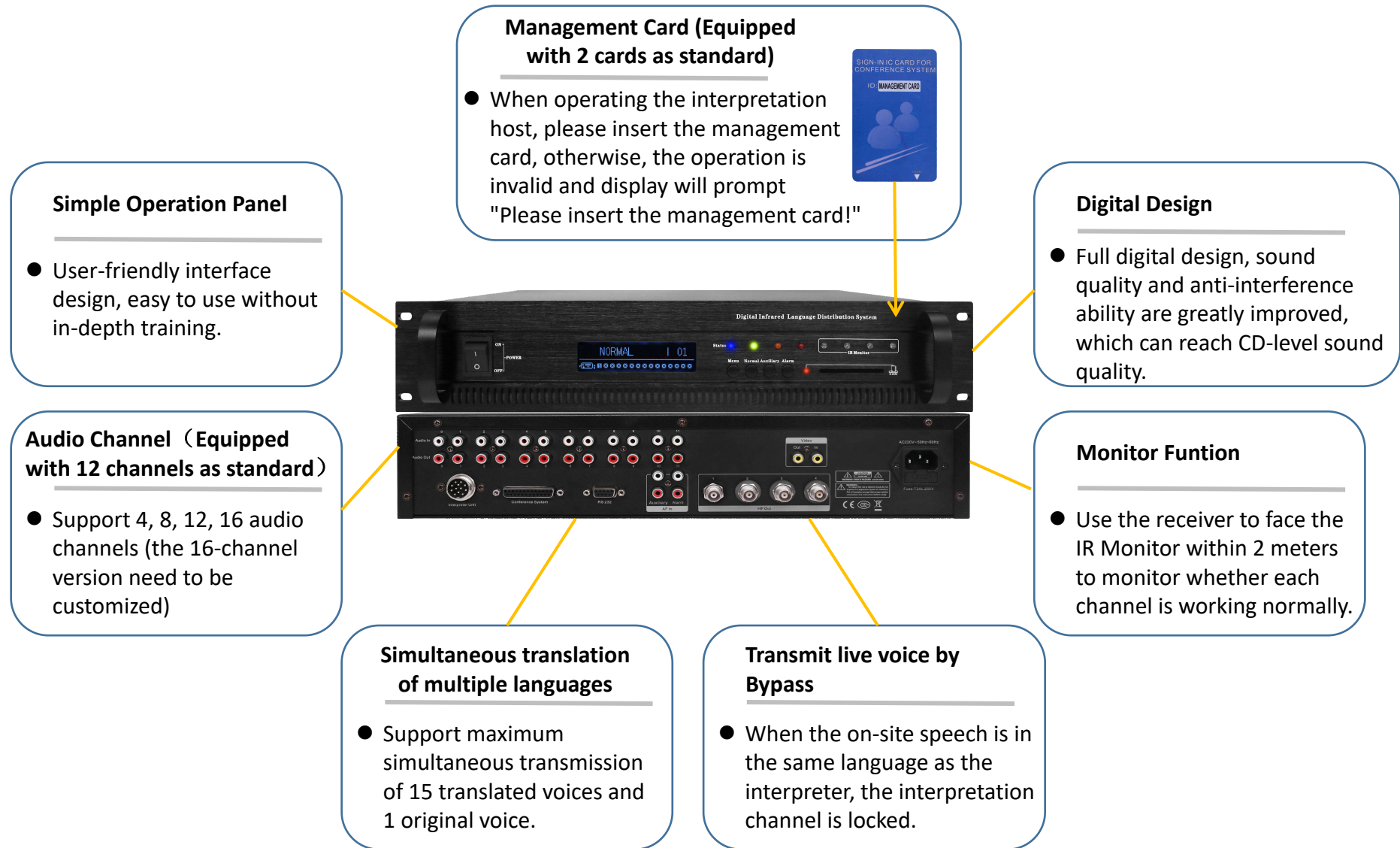
Design Objectives

- Safe: The devices comply with relevant safety standards and appropriate measures are taken to prevent accidents.
- Multifunction: For example, the system can support meeting minutes, follow-up features, voting and other different types of content to meet the diverse needs of international conferences.
- Efficient: Advanced technology and equipment are used to meet the needs of modern meetings and to improve the efficiency and quality of conferences.
- Convenient: The whole system is convenient for participants to use and manage with user-friendly operation.

Function Advantages 1



(Digital Infrared Language Distribution System) D6215II



Function Advantages 2



(Interpretation Microphone) D6229II +(Interpretation Headset Conference Earphone) D6329

Second Translation Function

- when the interpreter does not understand the language of the speaker, he/she can listen to the translation of other interpreters and then do the translation for the second time.

Cough Sound Elimination Function

- The cough sound elimination function can prevent coughing sounds from coming out when the interpreter coughs.

Requiring Slow-speed Speech

- When a speaker is speaking too fast, users can press the request button (SLOW) to give a request for slow down.



D6329

D6229II

Work with Interpretation Headset

- The D6229II's pickup microphone and speaker are automatically muted when the headset is plugged in.

Monitor function

- The monitoring channel is 00-15, 00 is selected to monitor the speakers' speeches, and 01-15 is selected to monitor the translators' speeches.

Function Advantages 3



(Infrared Radiation Panel) D6324II

Transmission Compensation

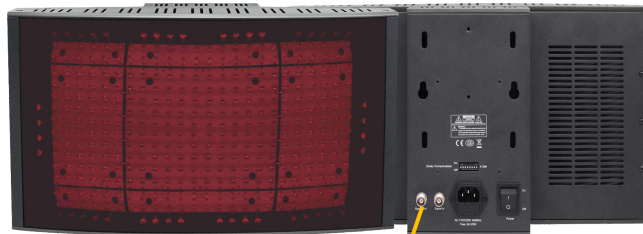
- This device compensates for cable transmission delay to ensure accurate signal transmission, and the farthest transmission can reach 100 meters.

Docing other brands

- Compatible with other infrared simultaneous interpretation systems that comply with the IEC 61603-7 standard.

Cross-region Reception

- Hand-in-hand signal radiation enhances coverage and can also be configured into multi-room mode.



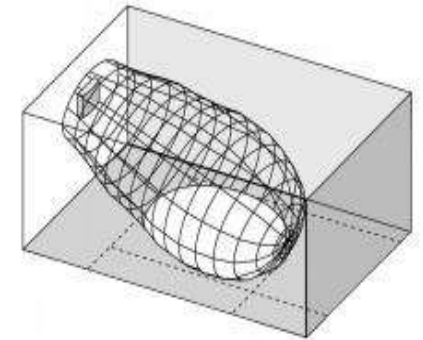
Digital Infrared Language Distribution System Host

Radiation Distance

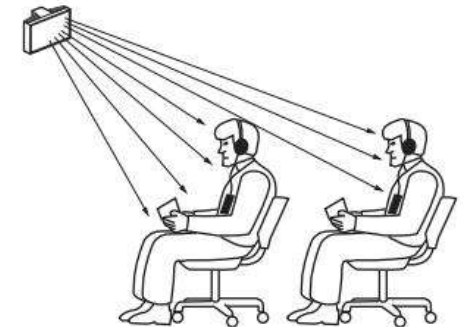
- Super launch capability, up to 30 meters (25W).

Equipped with wall-mount bracket as standard

- Equipped with wall-mounted universal bracket, fixed installation; Angle of half intensity: $\pm 22^\circ$.



The infrared radiator is mounted at an angle of 15° with a height of 3 meters and can cover 60m^2 .



The infrared signal is not blocked by persons in front of the participants.

Function Advantages 4



(Infrared Receiver) D6325II +(Single Hanging Confernece Earphone) D6330+(Headset Conference Earphone) D6331

No Voice Break

- Full digital infrared signal transmission, low noise, no voice break wide dynamic range.

Choose one of the two headphones

- Lightweight receiver, used with earphones, makes users relaxed and comfortable.

User-friendly Design

- It automatically shuts down when the battery is low, or it has no infrared emission signal for 60 seconds. and it will not be powered on if it is not connected to the earphone, and it will automatically power off when the earphone is unplugged.

Key Information Display

- LCD display channel, signal strength, low power prompts.

Longer Work Time

- Powered by a rechargeable battery, it can work continuously for up to 8 hours, and a charging box is optional.



D6330



D6325II



D6331

Accessories Options

Optional floor stand

- Floor-mounted tripod stand for easy adjustment of position and direction.
- The height can be adjusted freely by 1-1.5 meters.



D6324K

Bracket for Radiation Panel

Optional line extender

- The standard cable length from the system host to the first Interpretation Microphone is 10 meters. (The interpreter microphone is connected hand in hand)
- If it exceeds 10 meters in actual use, it is necessary to add repeaters to extend, and each repeater can extend the cable by 10 meters.



(Repeater) D63R

(Battery Charging Box) D6326II

- It can charge 24 receiving units at the same time.
- It has a telescopic rod and pulleys for easy movement.
- The indicator light turns red to green, the battery is fully charged, and the device will automatically stop charging.
- It takes 2-2.5 hours to charge the receiver.



Installation Effect



(Infrared Radiation Panel) D6324II

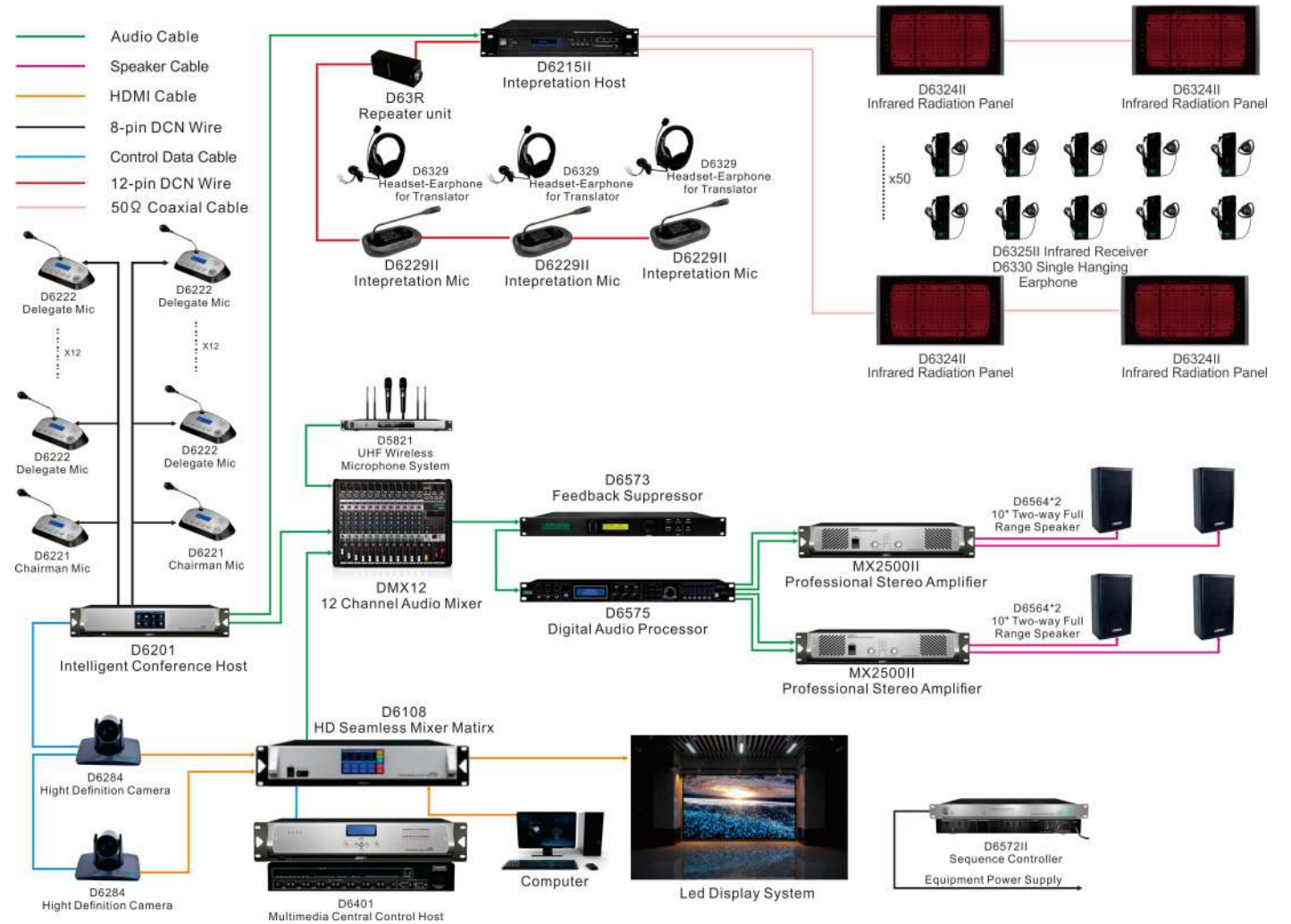


(Single Hanging Conference Earphone) D6330

No.	Model	Product Name	Quantity
Tracking Display System			
1	D6284	High Definition Camera	2
2	D6108	HD Seamless Mixer Matrix	1
3	D6401	Multimedia Central Control Host	1
4	--	Computer	1
5	--	Led Display System	1
Peripheral Equipment			
1	D6572II	Sequence Controller	1
2	D5A	Wall Mount Kits	4
3	MP40U	40U 19" Floor Stand Audio Rack with Electric Fan	1

System Architecture

No.	Model	Product Name	Quantity
Simultaneous Interpretation System			
1	D6215II	Intepretation Host	1
2	D6229II	Intepretation Mic	3
3	D6329	Headset-Earphone for Translator	3
4	D63R	Repeater unit	1
5	D6324II	Infrared Radiation Panel	4
6	D6325II	Infrared Receiver	50
7	D6330	Single Hanging Earphone	50
Audio System			
1	D6201	Intelligent Conference Host	1
2	D6221	Chairman Mic	2
3	D6222	Delegate Mic	24
4	D5821	UHF Wireless Microphone System	1
5	DX12	12 Channel Audio Mixer	1
6	D6573	Feedback Suppressor	1
7	D6575	Digital Audio Processor	1
8	MX2500II	Professional Stereo Amplifier	2
9	D6564	10" Two-way Full Range Speaker	4



■ 200m² Conference Hall_Solution Configuration Instruction



- 24 seats for Delegate Mic, 2 seats for Chairman Mic, 3 seats for translation representatives, supporting simultaneous translation of 3 languages.
- 4 infrared radiation panels can be adjusted to cover the entire use area according to the installation height and angle of the on-site radiation panels.
- Equipped with 50 infrared receiving units, which can be freely assigned to participants who need to listen to the interpreter.
- Conference Host: with voting, can vote for the meeting, combined with the camera (D6284) for tracking video images; Video Matrix System Host can schedule work, track some video images, live broadcast and recording according to the conference.
- The system works a 12-channel mixing console, wireless handheld microphones, a computer for conference speech and audio/video playback, and standard sound reinforcement equipment such as audio processor, feedback suppressor, power amplifier, and power sequence controller.

System Advantages

- The system uses wireless RF technology and advanced infrared technology to reduce the occurrence of dead angles.
- The design has good transmission sound quality, strong confidentiality, high stability and strong anti-interference ability.
- Easy to operate, use, and manage and has good sound quality with CD-like sound effects.
- The simultaneous interpretation system allows the presenter and interpreter to start speaking almost simultaneously, thus saving time in the meeting and improving work efficiency.
- With the conference system, it can track close-up and support voting, which meets the multi-functional requirements of the venue.

Project Reference



Digital IR simultaneous interpretation system is extensively utilized in international conferences and several other domains including diplomacy, foreign affairs, business activities, meetings and negotiations, news media, training and teaching, television broadcasting, and international arbitration.



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