Prestel

Prestel CUCS-3LHD

Microphone host

USER MANUAL
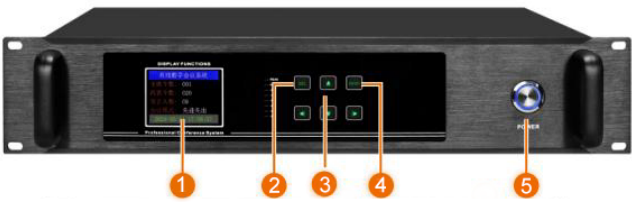
Microphone host manual

Introduction:

1. Employs digital technology as its core, featuring a built-in high-performance CPU and a bandwidth of 20Hz~20KHz for perfectly clear audio quality;

2. Powered by a high-performance switching power supply, long-distance transmission has no impact on audio quality;

3. Anti-interference circuit design eliminates all interference from mobile phone signals;

4. ★Features a 2.8-inch color display with a tiered menu, using 6 buttons for intuitive and simple operation, and includes USB recording functionality (optional) for backing up and saving recorded meetings;

5. ★The conference host supports simultaneous connection of wired and UHF wireless microphones, meeting various meeting usage

6. Both wired and wired chairman units can block the voices of wired and wireless conference delegates.

7. All functions are achieved wirelessly, eliminating cumbersome cable laying. The system can be moved freely within signal coverage, making venue setup easy and convenient.

8. Fully automatic frequency fixing: The system has 20 preset frequency band channels, allowing multiple systems to be used in the same venue. This avoids interference with other wireless products, and supports up to 4 simultaneous voice transmitters, adjustable according to actual conference needs.

9. ★ Wireless communication uses integrated chips, enhancing wireless distance and transmission stability, adapting to various special venue environments, and supporting at least 168 wireless microphones online simultaneously.

10. ★ The conference host supports central control. Microphone units have microphone on/off coding functions and a one-button shutdown function for all conference units, eliminating the need for manual unit power-off.

11. ★The wireless conference microphone unit automatically shuts down 2 seconds after the main conference machine is powered off, avoiding wasted battery power and unnecessary hassle;

12. Five conference modes: Chairman's Dedicated, First-In-First-Out, Restricted Mode, All-On Mode, Last-In-First-Out;

13. Number of Speakers: Except for All-On Mode, it can be set to allow 1-12 people to speak simultaneously;

14. ★Features setting the wireless conference microphone's speaking time and a timed shutdown function;

15. Volume Settings: Can be set to linear input, linear output, XLR balanced output, and 4 channels of 6.35mm non-balanced output with varying volume;

13. The system host has four-way eight-core connection ports and four-way RJ45 connection ports to meet various engineering connections.

14, arbitrary allocation of ID address code function to avoid ID address duplication.

15. Support central control, with central control RS232 interface.

16. New wireless conference microphones can be added at any time; existing wireless conference microphones do not need to be re-addressed.

17. ★Features 8 conference microphone input interfaces: 4 RJ45 network interfaces and 4 8-pin microphone interfaces. Each interface supports 30 units, and expanders can be added to connect more units.

18. 1 LINE linear RCA frequency input and 1 LINE linear RCA frequency output.

19. 1 TEL telephone RCA frequency input and 1 TEL telephone RCA frequency output.

20. 1 XLR balanced frequency output interface.

21. One 6.35μm unbalanced audio output connector;

22. ★One USB connector for PC software debugging, allowing for camera tracking debugging when connected to a PC;

23. One circular RS232 K-core camera connector;

24. ★One DB9 camera switching connector;

25. ★One DB9 R232 control connector for connecting to a central control unit;

26. One RS484 Phoenix connector for use as a camera tracking connector and for connecting to a central control unit;

27. Two UHF pickup receiving antennas and one 433 control antenna;

28. Equipped with an external suction cup antenna, which can be attached to the top of the cabinet for strong signal and easy installation;

Button introduction:

1. Touch screen /TFT display

2.ESC Return key

3. Function Arrow keys

4. Confirm key

5. Switch button

Operation instruction:

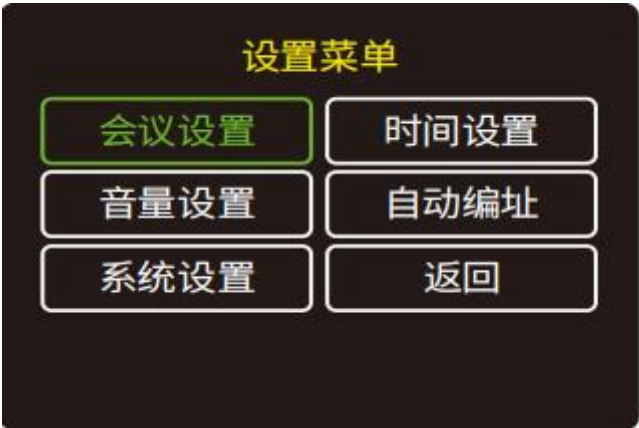The host interface displays the time status.

LED display screen interface

Wired digital conferencing system
Number of chairpersons:005
Representing the number:005
Number of Spokespersons:12
Speaking mode:First-in, first-out

2024-03-27   17:45:43

Note: This interface is required for normal communication.

Press the "ENTER" key to enter the menu interface, and use the up, down, left, and right arrow keys to select the function you want to set.
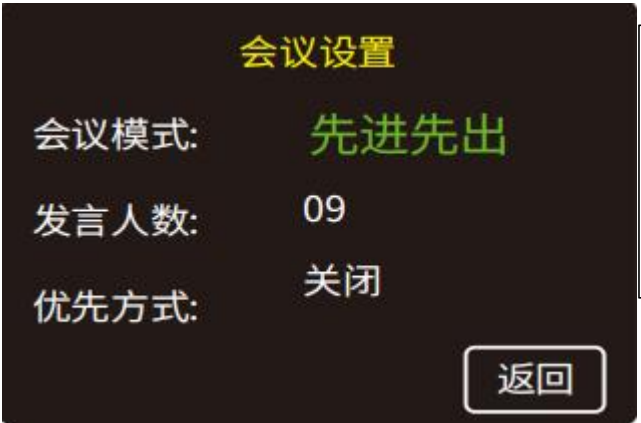

Settings Menu
Meeting setup   Time settings
Volume settings   Automatically edited
System Settings   back

1. **Select "Meeting Settings" to enter the meeting settings interface.**

Meeting setup
Speaking mode:First-in, first-out
Number of Spokespersons:09
Priority mode: Off

Back

Meeting settings include meeting mode settings, offering five operating modes: Open Mode, Chair Mode, FIFO (First-In, First-Out), LIFO (Last-In, First-Out), and Limit Mode, suitable for various meeting applications.

Meeting setup
Speaking mode:First-in, first-out
Number of Spokespersons:09
Priority mode: Off

Back

Number of delegates selected: Range 1-12

Priority mode: Options include Off and Silent.

Off: Pressing the Chairman Priority key shuts down the delegates currently speaking.

Silent: Pressing the Chairman Priority key silences the delegates currently speaking; lifting the key allows the delegates to continue speaking.

2. Select "Time Settings" from the menu interface to set the transmission time of the representative unit. The transmission will automatically shut down when the time is up.

时间设置

自动关闭: -- m-- s

定时关闭: -- m-- s

返回

Time settings
Automatic shutdown：
Scheduled shutdown：
Back

Use the up and down arrow keys to adjust the desired time position, the left and right arrow keys to select the time, and the "--" indicator to turn off this function.

3. Select "Volume Settings" from the menu interface to enter the volume settings interface, where you can set the output frequency of the host.

音量设置

线性输入: 10

线性输出: 10

平衡输出: 10

非平衡输出: 10

返回

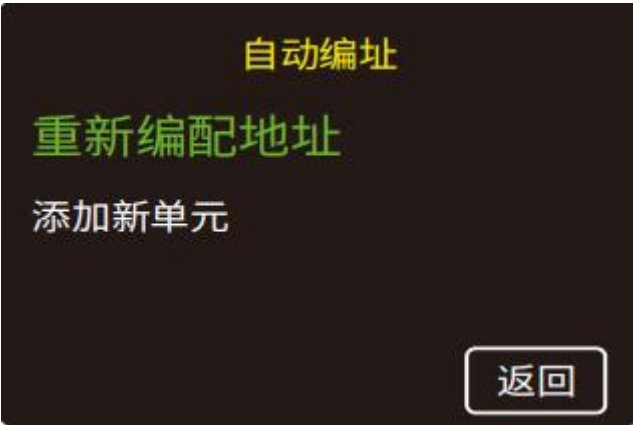| Volume settings |
| --- |
| Linear input：10 |
| Linear output：10 |
| Balanced output：10 |
| Unbalanced output：10 |
| |
| Back |

The default value for the value is 10, and it can be selected from 0 to 20.

4. Select "Automatic Addressing" from the menu interface to enter the automatic addressing function.

自动编址	Automatic addressing
重新编配地址	Reconfiguration address
添加新单元	Add new unit
返回	Back

Reassign Addresses: Addresses will start from 001 and be reassigned.

Add New Unit: Addresses will be assigned after currently assigned addresses.

After selecting Reassign Addresses, you will enter the next screen. The unit's MIC and button lights will flash. At this time, press the unit's send button in sequence to confirm the address request. The host will assign an ID to the unit. After the operation is complete, press the Enter key to end the automatic addressing function.

自动编址		Automatic addressing	
主席数:	000	Number of chairpersons：000	
代表数:	000	Representative number：000	
ESC 返回:		ESC back：	
Enter 结束:		Enter close：	

5. Select "System Settings" from the menu interface to enter the system settings interface.

系统设置		System Settings	
语言:	中文	Language：Chinese	
声控开关:	关闭	Voice-activated switch: Off	
蜂鸣器:	关闭	Buzzer: Off	
返回		Back	

Language selection: Chinese, English, Traditional Chinese

Voice control switch: Turn the voice control switch on and off

Buzzer: Turn the buzzer on and off. When turned on, pressing the button will produce a "beep" sound.

6. Select "Back" from the menu to return to the main screen.

Specification of electrical characteristics:

Conference system host

1.Main engine power supply: AC220V/50Hz

2.Frequency response: 20Hz-20KHz

3.Signal-to-noise ratio: >96dBA

4.Total harmonic distortion: <0.05%

5.Recording interface (optional): USB

6.Microphone unit interface: Round DIN-8 socket connector x4 or RJ45 network connector x4

7.Central control interface: 232 Serial port x1

8.Video switching communication interface: 232 Serial port x1

9.Camera control connection port: S terminal 5P Phoenix plug

10.Computer interface: USB port RJ45 port (optional)

11.Audio input interface: RCA(Lotus socket)x2

12.Audio output: RCA(Lotus socket)x26.3mm socket

XLR Cannon socket x1

Conference system unit

1.Operating voltage: DC24V(supplied by the main engine)

2.Input output: 8P-DIN T-cable or RJ45 cable

3.Imcore input: Heart-shaped directional electret

4.Sensitivity: -46 dBV/Pa

5.Display screen: 2.4TFT 1.77TFT2.8TFT Optional