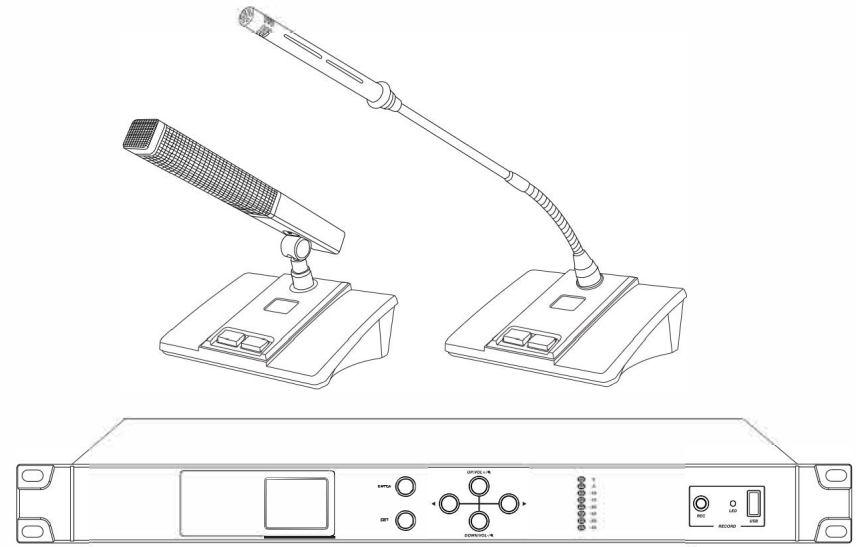
CSD-R3 Series

Professional Digital conference system



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We have done everything possible to ensure that our equipment pleases our consumers. When solving any problems in the operation and connection ADERTECH equipment, it is best to contact authorized companies and specialists who work with our equipment. Our equipment is intended for professional use, so you have professional skills in using such equipment. ADERTECH is a manufacturer of a wide range of multimedia solutions.

⚠ CAUTIONS ⚠

1.Turn off the Power before installing ,removing and wiring the equipment . Otherwise ,there will be a risk of electric shock.
2.Do not disassemble the machine, otherwise it will cause failure
3.Please use the unit within the following conditions(temperature,humidity , vibration ,installation direction, environment ,etc .)Otherwise,there is a risk of fire or malfunction.
4.Do not block the ventilation holes of the equipment. Otherwise,there is a risk of fire or malfunction.
5.Please follow the standard of the machine connection, the specified power supply and construction method, and wire it correctly.Otherwise, there is a risk of electric shock, fire, or malfunction.
6.Do not let the broken wire, iron power, water inside the case.Otherwise , there will be a risk of fire.
7.When disposing of the machine, please follow the local regulations, Properly handled according to industrial waste.
8.The equipment must be exposed to water droplets or water splashes.
9.The equipment should be connected to the grid power outlet with protective grounding.
10.If the power plug and appliance coupler are used as disconnect devices, the disconnect device should kept easy to operate(Such as knife switch or leakage switch)
11.The equipment is only suitable for safe use in areas below with an elevation of 2000 meters.
12.The equipment is only suitable for safe use in non-climte conditions.



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Product Function

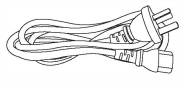
Product Instruction:

This system is the perfect combination of all digital intelligent control technology,which can be connected with external cameras, tracking and speaking leaders.The integrated recording device can realize the whole meeting record backup, which is easy to operate and install. Built in high-performance CPU and anti-interference circuit design to eliminate external signal interference. Imported components ensure the quality of voice transmission, high fidelity and clear voice.

Product Characteristics:

- Full digital high fidelity circuit development and design.
- Built in high-performance CPU, stable system and fast computing speed
- he host adopts LCD display and the menu operation is simple, intuitive and user-friendly.
- Supports up to 100 units.
- 3 speech modes: Automatic mode, Chairman mode and Full open mode.
- Unique high fidelity audio processing circuit to improve the clarity of the whole system.
- All the processes of can be recorded and saved with USB recording interface
- Meeting video tracking, which can be connected with an external camera to transmit the speaker's video to the display or recorder for storage.
- Safety standards. The conference unit is powered by the system host, with the working voltage of DC 24V.

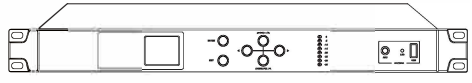
Accessories



220V Power Cable×1



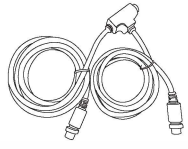
Certification 1 PCS
Warranty Card 1 PCS
Instructions 1 PCS



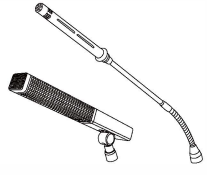
Host×1



10 meter
Extended Cable ×1



T-line

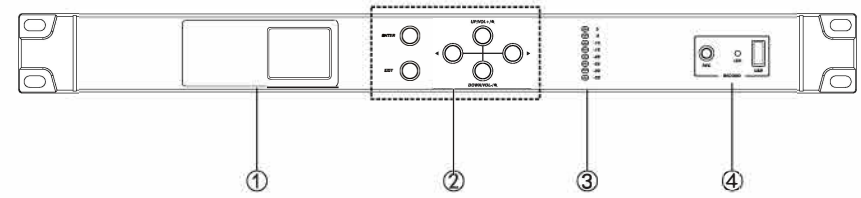


Microphone Rob
(Either-or:Square mirophone/Goose microphone)



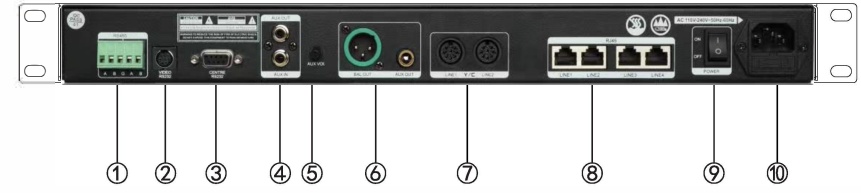
Conference Seat

Host Unit Front Panel



1. Display window: display system settings and working conditions;
2. Buttons for setting and modifying system functions;
3. Level display: display the strength of the audio signal;
4. USB recording;

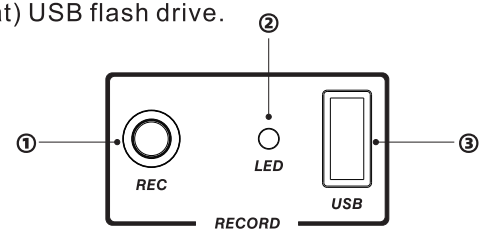
Host Unit Rear Panel



1. RS485 programmable control interface, RS485 PTZ control port;
2. RS232 socket, PTZ control port;
3. RS232 programmable control interface;
4. Auxiliary line input and output port can be connected to other audio equipment to record and play sound;
5. Auxiliary input volume adjustment knob;
6. System audio output interface, connected to the mixer input;
7. The chairman and delegate unit are connected to 8-pin connector and divided into 2 connections; (the system supports maximum of 100 units).
8. The chairman and delegate units are connected to the RJ-45 connector and are divided into 4 connections (the system supports maximum of 100 units).
9. Power switch;
10. AC power input socket, connect AC 110V-240V power supply;

Recroding Instruction

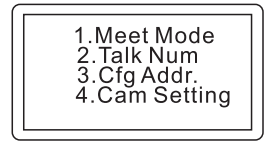
It is suitable for the use of USB2.0 interface (i.e. (3) USB port), press the recording button (i.e. (1) REC button) once and wait for red,When the light is on (i.e. (2) LED light), start recording, press again to end recording, and then pull out the USB flash drive after the red light goes out.It supports a maximum of 32G (FAT format) USB flash drive.



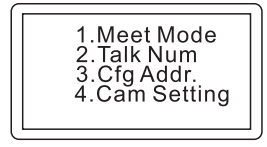
Host Operation Instruction

>>1.Meet Mode

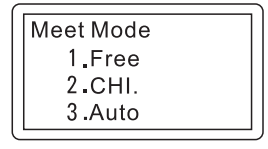
Press"Enter"to choose the meeting model.(As shown on the right), The cursor flashes at the "1" position.



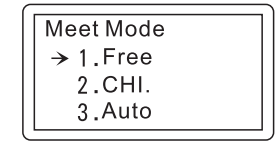
The cursor flashes at the "1" position when you enter this menu.It means that the flashing position can be setting.



After enter the “Meet mode”,you can select the model you need by”up”and “down”key .



After choosing the model you need, press”Enter”to save and exit the setting interface

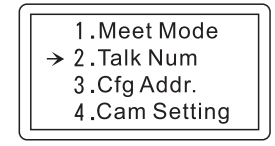


Remark：

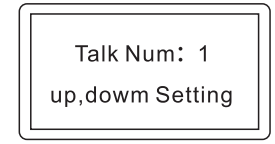
- Free:Under this model,All the unit(include the chairman unit and delegate unit) are allow to speak at the same time.
- CHI:Limit the number of speaking unit(not include the chairman)
- Auto:Under this model,only the chairman can speak.

>>2.Talk Number

Choose the “Talk Num”menu and press “Enter” to preset.

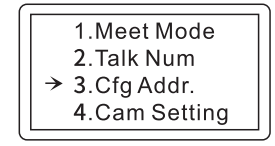


the number of speeches can be adjusted according to you need by "up / down" key, and the speeches number can be selected from 1 to 6. Press “enter” to automatically save and return to the previous menu interface after selection.



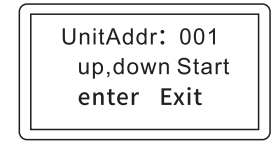
>>3.Cfg Addr

Choose the “Cfg Addr”menu and press “Enter” to preset.



Afer enter the “Cam Setting”,Press the “up “/ “down” key to enter the allocation unit number address, and the generation displayed on the screen.
Table number and chairman number are reset to zero at the factory. At this time, indicator lights of all microphone units are flashing，after assigning unit number address, press the microphone switch one by one, and press the microphone unit one by one

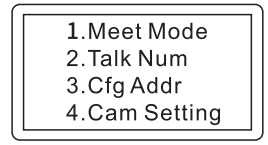




The indicator light flashes and a unit number is saved automatically. The unit number is automatically arranged downward according to the order of microphones column.As shown in the figure below, 2 delegate units and 1 chairman unit have been set, and the next one is delegate 3 or 2 Chairman's Unit number. After all units are edited, press enter to return.

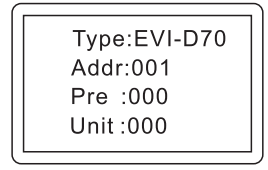
>>4.Cam Setting

Choose the “Cam Setting”menu and press “Enter” to preset.



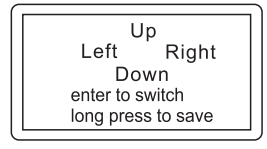
This function is to select the video setting displayed on the local display screen.

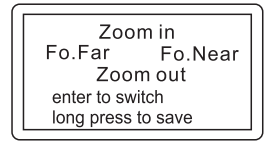
Press” enter”to preset and press “left” and “right” to select the camera types: Pelco-D, Pelco-P, EVI-D70.



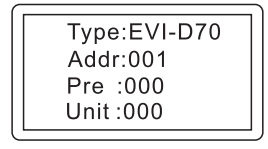
As shown in the figure, press “enter”to enter the camera free setting, then press “up "" down "" L "" R” to set the camera direction, and press “Enter” .

Switch to camera focus setting, press "up" "down" "L" "R" to set camera focus. Long press "enter" to save, enter the next preset point setting automatically, after setting up, press "Exit" to exit.

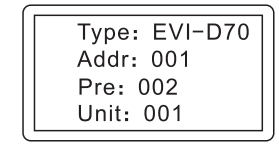




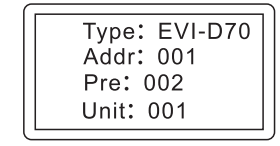
Return to the previous menu, press "down" to select the next menu "address", then press "L" or "R" to set the number of camera addresses (up to 7). Press "enter" to perform camera direction and focus setting (the steps are the same as camera setting in type setting).



Press "down" to select the "preset" setting.
At this time, press "L" or "R" to set the preset quantity(up to 64). Press "enter" to perform camera direction and focus setting (the steps are the same as camera setting).



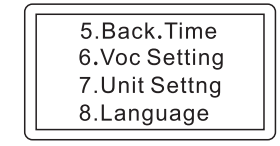
Press "down" to select the "Unit" setting.
At this time, press "L" or "R" to set the Unit quantity(up to 100). Press "enter" to perform camera direction and focus setting (the steps are the same as camera setting).



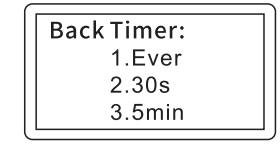
Press“Exit”to return the main menu after setting.

>>5.Back time

When the cursor is positioned in the"backlight time" menu on the main menu, press the "enter" key to enter and the following interface will be

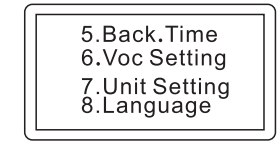


Press”Enter”to setting(As shown on the right): press the up and down keys to select whether the backlight of the host display or not
Preset the automatically turn off time setting without any key of the host .It has 3 timing can be chosen normally on,30 seconds and 5 minutes .After selecting the timing ,press “enter”to save and return to the previous menu.

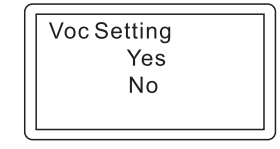


>>6.Voc Setting

Choose “Voc Setting”(As shown on the right):press the "enter" key to enter and the following interface will be displayed



Enter the”Voc Setting”(As shown on the right): Press”up””down”to set the voice control function permission(Yes/No).
The microphone will automatically turn on when you speak to the microphone even if the unit was turn off,when you choose”Yes”.



>>7. Unit settings

When the cursor is positioned on the 7 "Unit Setting" menu, press the "ENTER" key to enter and display the following interface:

```
5.Back. Time
6.Voc Setting
→ 7.Unit Setting
8.Language
```

Press “ENTER” to enter, the interface as shown on the right : For speaker volume, press “L” or “R” to adjust; then press “ENTER” and “L” or “R” to adjust the microphone volume; after setting, press "ENTER" to adjust the language mode, press "L" or "R" to switch between Chinese and English; press "ENTER" to set the unit settings, press "L" or "R" to select "prohibited" or "allowed”.

```
→ Spk Vol：00
Mic Vol：15
Language：CH
Setting：No
```

After setting, press "EXIT" to return to the menu interface.

>>8. Language selection

When the cursor is positioned on the 8 "Language" menu, press the "ENTER" key to enter and display the following interface.

```
5.Back. Time
6.Voc Setting
7.Unit Setting
→ 8.Language
```

Choose the language displayed on this machine, there are Chinese and English to choose, after pressing the "ENTER" key to enter, you can press the "UP" "DOWN" key to select the appropriate language, after selection, press the "ENTER" key to return.

```
Language: EN
up,down,Setting
```

```
Language:EN
up,down Setting
```

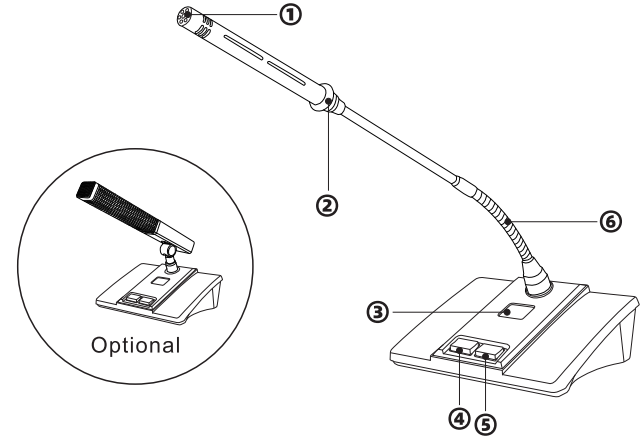
Note: After entering any menu, if the system does not operate, the system will automatically return to the main interface after 64 seconds.

Microphone Unit

Unit Characteics:

- The gooseneck and base separable design.
- Hypercardioid condenser microphone for high-quality sound pickup.
- With LCD display, it can display microphone switch status, speaker and microphone volume.
- The chairman unit has the function of controlling speech.
- The green indicator shows the working status.
- The chairman has priority function control, which can be used to control the right of speech.
- Easily switch Chinese and English mode.

Unit Introduction:



① Microphone voice pick-up area: Pick-up ,input and amplify the speaker’s vocal.
② Microphone light-ring: Indicates the working condition of the microphone. The microphone is turned on when the light is on.
③ TFT Color screen ④Chairman priority button
⑤Microphone switch/Microphone ID auxiliary functions
⑥ Microphone Rob

Specification

Host Specification	
Input Voltage	AC110-240V~50-60Hz
Maximum Power Consumption	120W
Frequency Response	30Hz-18KHz
Gain	0dB
S/N Ratio	⩾100dB
Bottom noise	-86dBu
Host Size（W×H×D)	483×205×45MM
Package（W×H×D)	520×370×80MM
N.W/G.W	2.85KG/4.35KG

Unit Specification	
Input Voltage	DC-24V
Power Consumption（Without Speakers)	1.2W
Power Consumption（Included Speakers)	3W
Frequency Response	30Hz-18KHz
Gain	4dB
S/N Ratio	⩾100dB
Bottom noise	-86dBu

Condenser Microphone Clip Specification	
Sensitivity	-44dB ±3dB
Frequency Response	30Hz-18KHz
Polar Patten	Cardioid
Working	1-10V

Diagram

