

LINEARCOM3000

8 CHANNELS INTERPRETATION CONSOLE

LC3.IRDI08

Operation manual



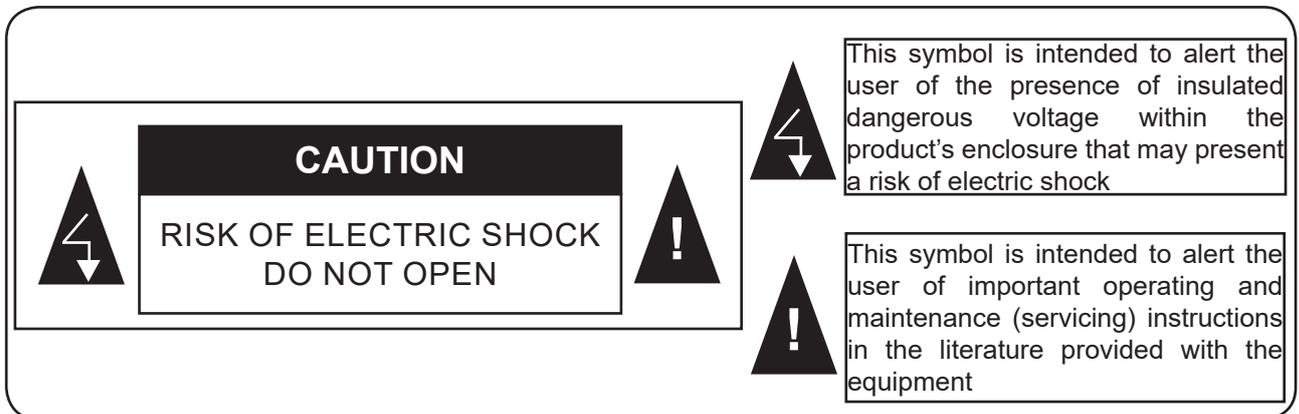
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1. SAFETY OPERATIONS

Firstly, thank you for using LINEARCOM3000 conference system. For equipment and user's safety, please read the instructions carefully before installing, using and operate seriously according to this manual. Also, please keep the safety instructions for future reference. Notices are as below :

1. Wiring during installation must follow national electric safety standards, national fireproofing regulations and all related local regulations.
2. Protect the power cord from being walked on and do not stack things on the power cord, particularly at plugs.
3. To make sure earth wire connecting well, do not use 2-pin plugs. Power supply is 220V 50 Hz.
4. Power supply cords : AC 220V ~ 240V / 50 Hz
5. The packaging of equipment is designed for protecting 1.5 meters dropping but please prevent from stress and shocking during transportation, installation and storing.
6. Do not place the system equipment in too cold or too hot place.
7. Keep good ventilation to protect the machine.
8. Unplug the system during wet weather or when unused for long periods of time.
9. Must unplug the equipment before below operations :
 - Taking down or resetting any part on machine
 - Reconnecting any plug in system
10. Do not disassemble or maintain the product by non-authorized personnel to avoid accident or damage.



Warning label is as below

11. Prevent from any chemicals or liquid.
12. Please check all the connections completely before turning on. Check the set-up of main unit before usage.
13. If you find top warning label on product, it means : Do not open the machine cover to avoid electric shock.

Also please do not place the useless part in the case. Any trouble, please contact with the authorized personnel.

2. MAIN CONTROLLER

The system controller is the core component of LINEARCOM3000 conference system, which is the important intercommunication factor between units and PC management software modules. It controls all the conference functions via the navigation keyboard and 2.8 inch LCD screen on the front panel.



Main controller LC3.SCUDCSR

Function and feature

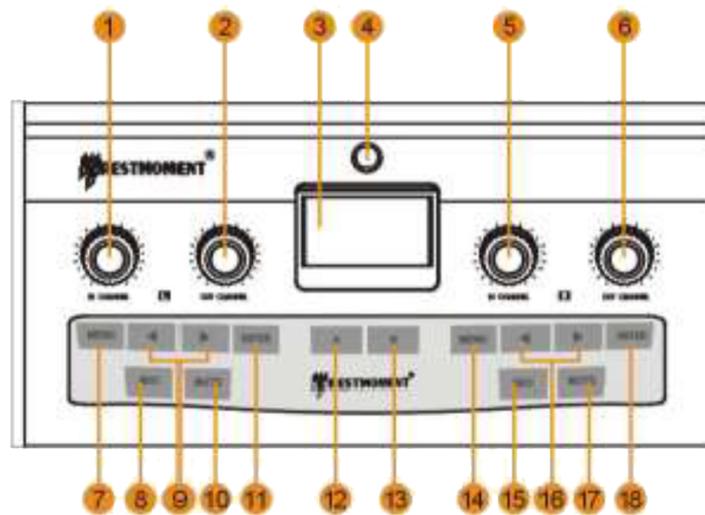
- This LINEARCOM3000 conference technique, compliant to IEC60914.
- Control all the conference functions by navigation keyboard on front panel.
- Adopt high speed RISC embedded hardware structure, more reliable, faster.
- Adopt digital audio transmission technique, close to CD sound quality.
- 2.8 inch LCD, Chinese and English menu, could order any language.
- Built-in input / output volume adjustment.
- Built-in 8 x 8 video matrix switcher, it can manage multi-path video signs easily.
- Built-in 8 x 4 overall view video switching, time and order can setup freely.
- Original U disk and SD card recording function, can record the whole meeting in real-time.
- Users can control the starting and ending of recording, even change the setup of recording.
- MP3 recorder can record audio signal from external device automatically as soon as it coming.
- Exchanging function between MP3 recording and SD card. Users can change SD card during speaking. And it will not lose the content or audio.
- Recording will be kept on SD card.
- After recording, user can choose listening or replay.
- It has monitoring earphone jack on front panel.
- System can support 100 pcs units simultaneously and appoint one as executive chairman.
- MIC management modes :
 - Limited mode : 1 ~ 6 pcs units can be opened simultaneously.
 - FIFO mode : The last opened MIC covers the first opened MIC.
 - Apply mode : Executive chairman can approve or reject the speaking.
 - Voice activating mode.
 - Free discussion mode : Allow all the units to be opened simultaneously.

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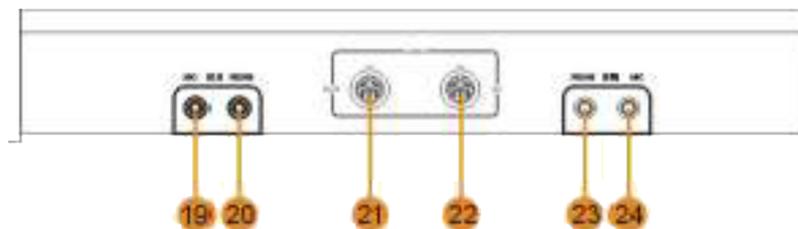
- 10 channels output ports, which can connect 100 pcs units.
- Many connecting modes, including “Hand in hand on one line”, “Hand in hand by splitter” and “ Hand in hand in ring form”.
- Working with extension controller, the whole system can be extended to 65535 pcs units.
- Turning off speaking unit, camera will track previous unit. Turning off all the speaking units, it will return to overall view.
- Protocols sharing, it can compatible with all the popular cameras. As the unit positions being exchanged, camera always keep the correct tracking position by edit ID automatically.
- Cooperating with conference management software, the system can have more functions with easier operation.

Parameters \ Model	SCUDCSR
Working power	Two models : AC 100 ~ 120V, 8A / AC 220 ~ 240V, 4A
Power consumption	Depends on the quantity of connecting units : Single unit 25W, maximum 420W
Unit capacity	100 pcs units, can be extended depend on the ext. unit
Audio input	RCA x 2 2V p-p 6.3 mm x 1 -50 dB XLR x 1 -50 dB
Audio output	RCA x 2 2V p-p XLR x 1 -50 dB
Output impedance	47K Ω
Frequency response	20 ~ 20 KHz
SNR	102 dB
Dynamic range	106 dB
Total harmonic distortion	< 0.05%
Channel separation	102 dB
Control model	RS-232 / RS-485
Connector	RJ45 interface
Camera capacity	8pcs
Video output level	RCA x 41.08V p-p
Video output impedance	75 Ω
Band width of video (-3 dB)	30 MHz
Recording	U disk and SD card
Color	Dark grey
Net weight	8 kg
Dimension	432 x 90 x 350 mm
Installation	Suitable for 19 inch normal stand

3. INTERPRETER UNIT PORTS AND KEYS

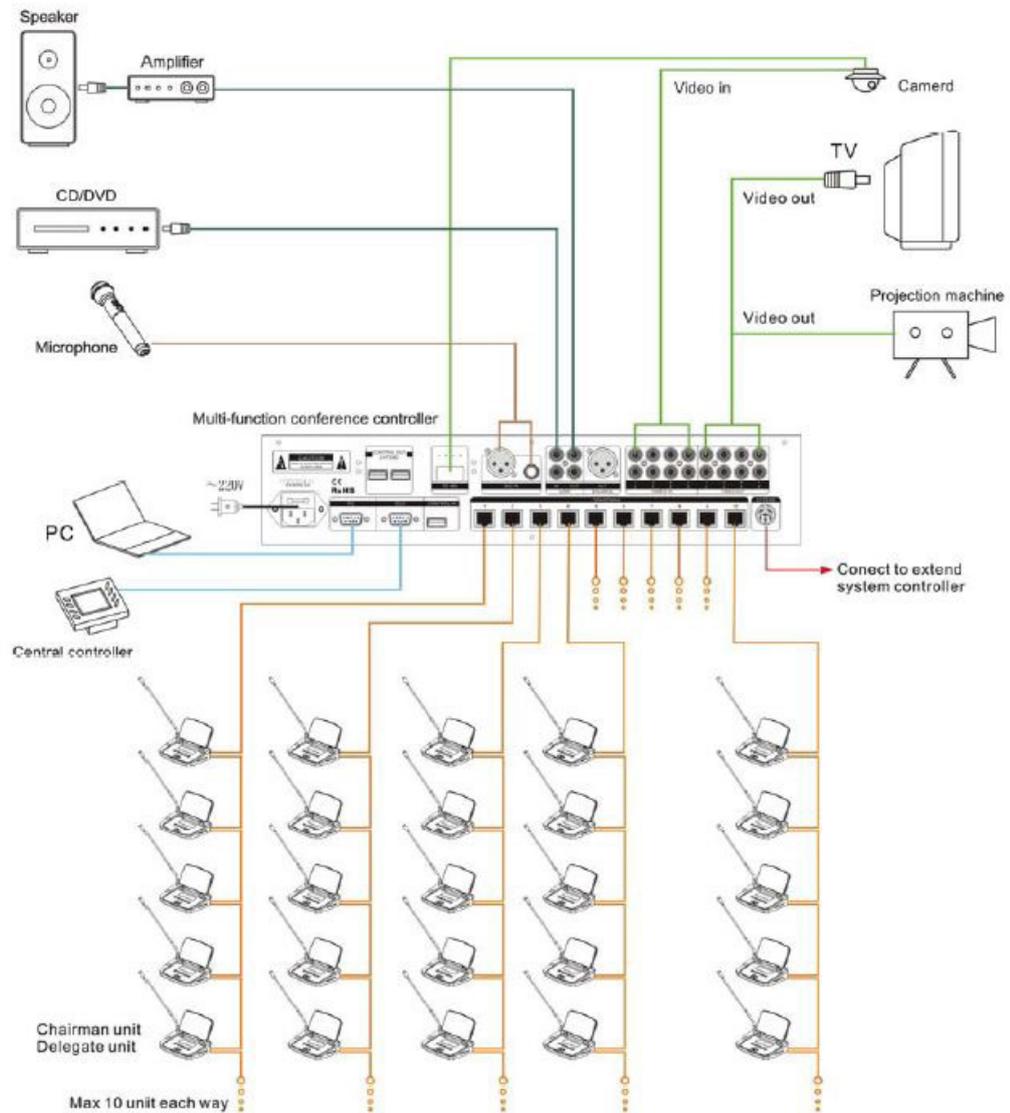


1. Receiving channel button, press to confirm select (L)
2. Radiating channel button, press to confirm select (L)
3. LCD display
4. MIC pole port
5. Receiving channel button, press to confirm select (R)
6. Radiating channel button, press to confirm select (R)
7. Menu / exit (L)
8. MIC ON / OFF (L)
9. Receiving volume / cursor left-right shifts (L)
10. Mute key (L)
11. Confirm key (L)
12. Channel locked key (L)
13. Channel locked key (R)
14. Menu / exit (R)
15. MIC ON / OFF (R)
16. Receiving volume / cursor left right shifts (R)
17. Mute key (R)
18. Confirm key (R)



19. MIC 3.5 mm port (R)
20. Earphone 3.5 mm port (R)
21. 6 plug DIN output socket
22. 6 plug DIN input socket
23. Earphone 3.5 mm port (L)
24. MIC 3.5 mm port (L)

4. INSTALLATION AND CONNECTION



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