



Intelligent Digital Conference System

User Manual

TS-0621

TS-0621A

Before using this system, please read this manual carefully

NOTE

This manual only as an instructions for user, not for service purposes. From the date of issue, if the function or technical parameters change later, another supply mentary instruction will be added, the details can be inquired to the manufacturers.

This manual is a product manufacturer copyright, unauthorized and any entity or individual shall not take part or all the contents as commercial purposes.

This manual used for intelligent digital conference system.

 **SAFETY OPERATIONAL GUIDANCE**



In order to make sure the correct operation and safety using, please comply with the following conditions when installation, operating and maintenance.

- 1) Make sure the connection of the ground wire is well enough when installation.
Do not use two-core plug. And make sure the input voltage of power supply is as same as the one marked on the main controller.
- 2) Do not open the cover of the unit without permission especially the high-voltage components marked with AC ~100V to 240V, or there is risk of shock.
- 3) Do not put the unit in extremely cold or hot place.
- 4) The unit will be heating when working. Please keep environment ventilation to avoid overheating.
- 5) Please power off the unit in wet weather or not in use.
- 6) Please disconnect the AC power wiring from the AC power supply before the below operations:
 - A. Remove or re-assembly any parts of the unit.
 - B. Disconnect or re-connect any plug of the unit or other connection
- 7) Non professionals without permission, please do not attempt to open the enclosure, do not repair, in order to avoid the accident or exacerbation of equipment damage degree.
- 8) Don't take any corrosive chemical powders or liquids spilled in the equipment or in the vicinity of.

1. Intelligent Digital Conference System

About ITC intelligent digital conference system

- Intelligent digital conference system is a high-tech series including discussion speech, simultaneous interpretation, infrared voice distribution, teleconference, voting, and camera tracking and so on.
- Adhering to the idea of highly integration, it meets the close compatibility of DCS (Digital conference system) and MCS (Multimedia central control system), forming a comprehensive intelligent conference system.
- This manual is applicable to intelligent conference system control unit, the speech unit, camera tracking system and the telephone conference system.

2. DCS control system

Features

1. Unique patented technology, special anti-RF radio frequency interference hose, completely eliminate from noise, presenting a perfect senior conference environment.
2. Unique patented technology fully embodies the world aesthetic trend.
3. Unique microphone cover, without using windproof cotton cover, the "bubbling" low impact sound can be completely eliminated.
4. Large professional heart-shaped condenser microphones core, high sensitivity and speech intelligibility, with red, green double color indicating light.
5. The annular red indicates the MIC is working; the green annular light indicators someone is applying for speech.
6. Anti acoustic feedback; when the microphone is turned on, the built-in loudspeaker will automatically shut down.
7. Built-in speaker, headphone jack, headset volume is adjustable.
8. 8 core professional aviation plug for cascade, the well-fixed metal nut avoid loosing and coming off.
9. With 2 meters 8 core wires, with complete aluminum foil and cable shielding, reducing electromagnetic interference on the wire and avoid noise.
- 10 All unit address code can be freely adjusted, convenient for construction.
11. The unit is a passive device, powered by the host, 24V, belonging to the safe range.
12. Chairman unit is free to the speaker numbers.
13. The chairman unit has top priority on controlling the order of the meeting.
14. There is no restrict for chairman connection position, and it be connected at any position of the series.
15. "Hand in hand" cable serial mode, convenient for installation and maintenance.
16. Switch on-off for the MIC.

3. Function Introduction

TS-0621



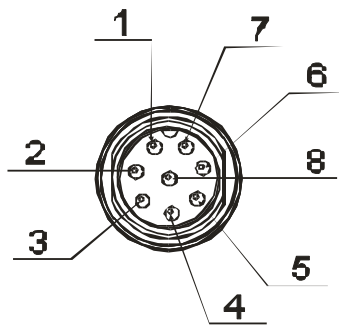
TS-0621A



- ① Loudspeaker.
- ② Port to connect the goose MIC.
- ③ MIC switch key.
- ④ Microphone priority button. Chairman unit (TS-0621) unique priority, press this button at any time to cancel permission to speak is to speak on behalf of all units, and open the MIC unit of the President.
- ⑤ The volume adjusting knob.
- ⑥ The headphone output.

NOTICE

1. 8 core air interface pins function:



8Pin MALE

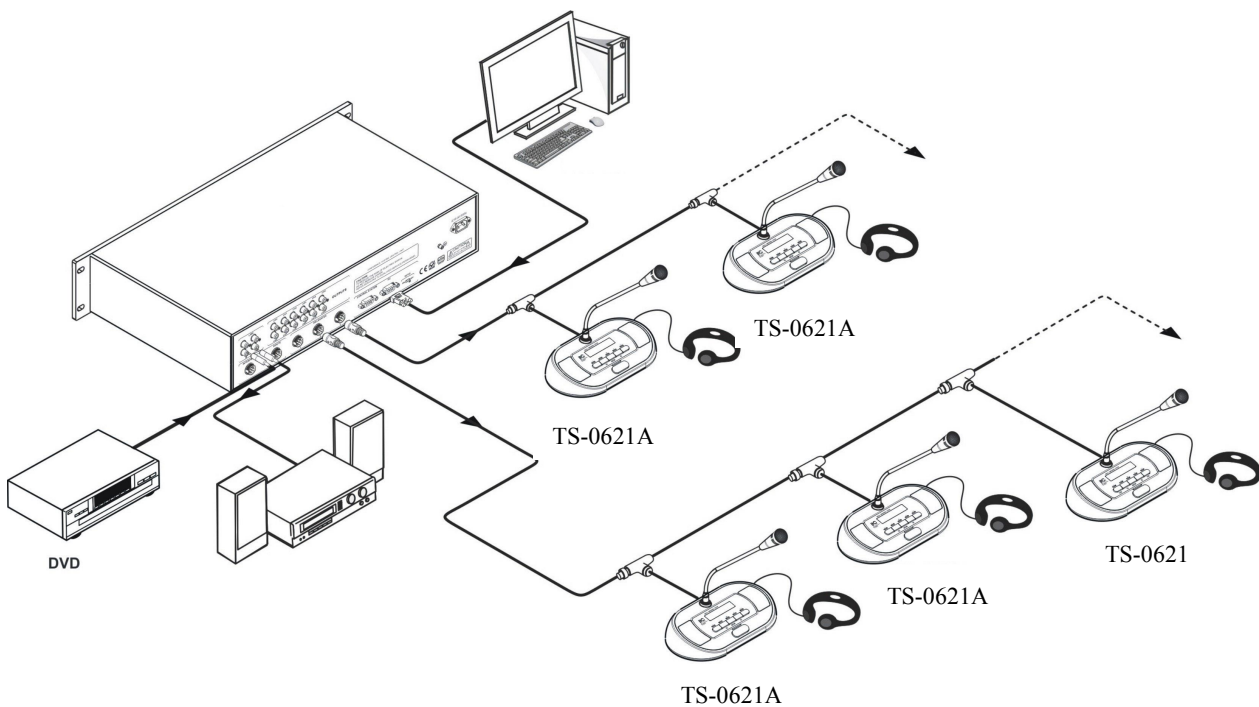
485A/1		1
485B/8		8
GND/2		2
A+/3		3
A-/5		5
B+/6		6
B-/7		7
24V+/4		4

Connection Graphic

Follow the list below to configuration the system, the basic equipment and connecting lines are as follows:

- | | |
|------------------------------------|------|
| A. PC computer | 1pc |
| B. Conference system host TS-0604M | 1pc |
| C. Embedded unit TS-0621 | 1pc |
| D. Embedded unit TS-0621A | 4pcs |
| E. DVD device | 1pc |
| F. Sound system | 1pc |
| G. 2m aviation T-line | 2pcs |

Wiring diagram



1) ID Setting

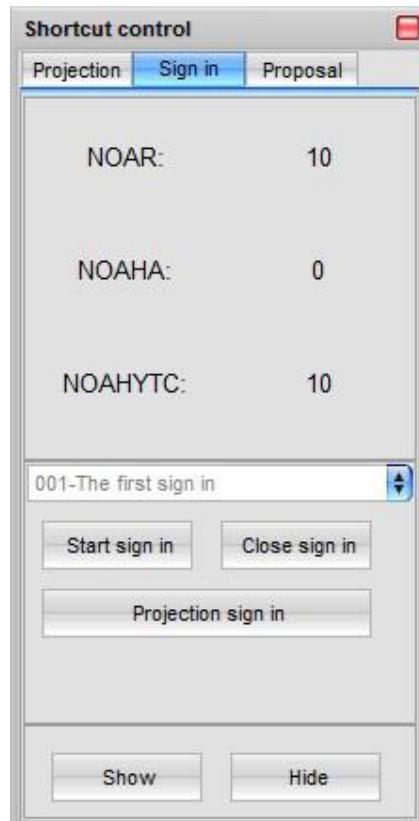
Turn on the conference host, and turn the SETID switch on the host to ON position. Then begin setting the ID. Pressing ON/OFF button on TS-0621/TS-0621A, the mic lamp will flash and then keep in red, which means the success of ID setting. After that, press ON/OFF button and turn the SETID switch to OFF to turn off all the mic lamps.

2) Sign in before meeting —using the serial port line to connect the computer with the PC interface of the conference host.

Open the software in the PC and click Sign-in Control to the interface. Select the sign-in mode at the left side and click Sign-in to the interface. Then press F2 key and move to bottom left to view the shortcut menu, and select Sign-in item. The ON/OFF indicator on TS-0621/TS-0621A will begin to flash. When pressing ON/OFF button on the mic, the indicator will be on. But you could see there is some data change on both of the projector and the display of the unit, which means the success of sign-in and you could go on sign-in the next unit. After all the units are signed in, click sign-in finish.

3) Headphone output

After inputting background music by the conference controller, you could hear music from the speaker built-in TS-0621/TS-0621A when the mic is not used. But once the mic is used, the speaker will stop playing music. If connect the headphone interface, the speaker will be mute and the audio will be output from the headphone.



4. Specifications

Model	TS-0621	TS-0621A
Power Supply	DC24V (powered by the controller)	
Connector	8 pins particular connector	
Power consumption	2.5W	
Earphone output	9dBu, 8-32 Ω , 3.5mm mini socket	
Directivity	Cardioid type	
Speaker power	2W	
Microphone type	Cardioid type condenser MIC	
S/N	>80dB	
Distortion	< 0.1%	
Frequency Response	60Hz~16kHz	
Sensitivity	-22dBv/Pa	
Tube length	41.5cm/48cm/65cm(optional)	
Dimension	225×131×48mm	
Weight	0.9Kg	

Intelligent Digital Conference System

