Intelligent Digital Conference System

User Manual

TS-0622

TS-0622A

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 guidance during 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 Description

About the ITC intelligent digital conference system

➢ Intelligent digital conference system is another high-tech professional product series followed with the Multimedia control products and audio and video matrix product, which including discussion, simultaneous interpretation, the infrared voice distribution, remote telephone meeting, voting and camera tracking system.

➢ Adhering to the consistent concept of advocating comprehensive system integration solutions, This system can achieve closely compatible of DCS (digital conference system) +MCS(multimedia central control system) those two two different systems and form a comprehensive intelligent conference system solution.

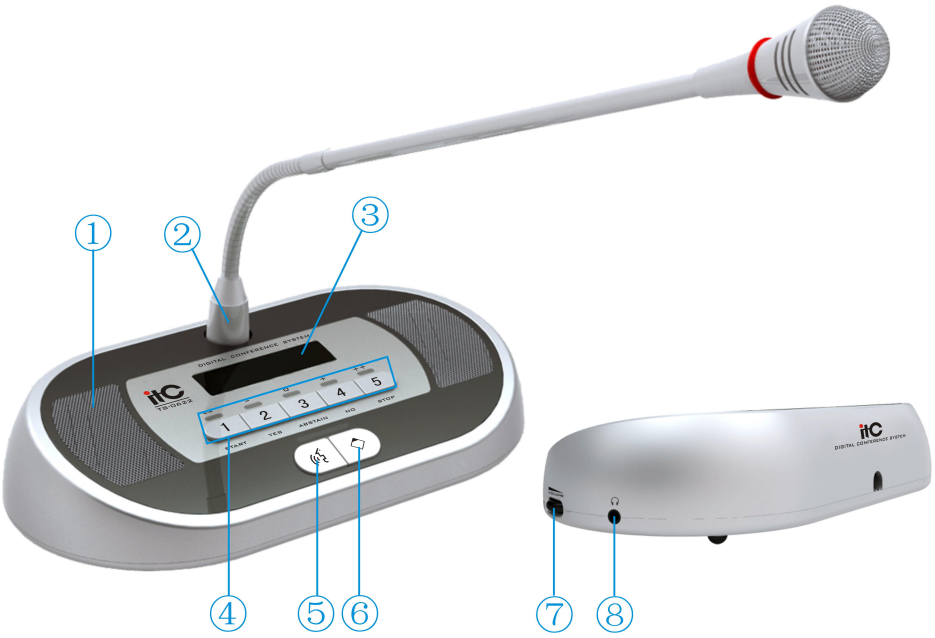
➢ This manual is suitable for the intelligent conference system controller, discussion unit, camera tracking system and telephone conference system.

2. Features

- With discussion. Voting and sign-in function.
- Using special 8 pins high-density aviation connector.
- Heart-shaped directivity capacitive sound with double color lamp and turn red for speech.
- 2m connector cables.
- With the knob type plug rod.
- With the internal magnetic speaker, headphone jack, and volume knob.
- The chairman unit has approving speech function.
- Chairman unit is not affected by the number of speeches.
- Chairman unit has priority function to control the meeting order.
- Chairman unit connection position is not restricted.
- All unit are passive component and power supplied by main controller and the input voltage is 24V.
- Anti-squeal technology, the build-in speaker will be automatically off when Microphone is on open microphone, native speakers automatically shut down, prevent the sound back to lose.
- “T”connection mode.

3. Product functions introduction

TS-0622

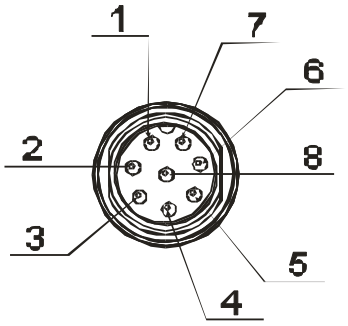


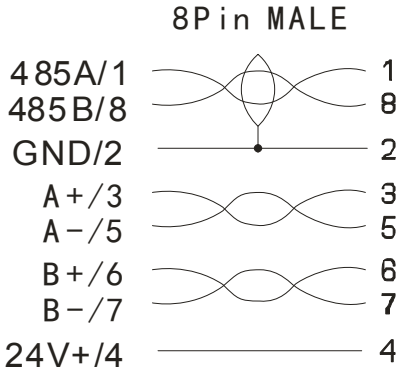
TS-0622A

① Load speaker

② MIC connector

Unit 8 pins air interface foot function description：





③ LCD screen

④ Multi-functional vote button and indicator light

—Voting: number 2,3,4 Respectively for ok, abjection and abstain

—Selection : number 1-5 respectively for different candidate

— Evaluation : number 1-5 respectively for grade－－,－,0,＋,＋＋.

NOTICE:

Long press the chairman unit number "1" for 3 seconds to vote and go into the state voting mode , only last time voting is effective. The speak unit has the memory function and can write down the last press. The result can be showed by the indicating lamp .Long press the chairman unit number "5" for 3 seconds, stop the vote and another long press "5" key to return to the meeting mode again.

Sign in before the meeting

Long-press the chairman unit number 2 for 3 seconds to go into the sign in mode Press the “MIC switch” button to sign in; Long-press the chairman unit number 5 for 3 seconds to go out the sign in mode.

Apply for speech processing

Press the chairman unit key figures "3" to approve the speech application; press the, Key once , one unit would be applied for approval, follow the principle of "first in first out".

⑤ Microphone switch, the chairman unit has priority switch.

Priority function

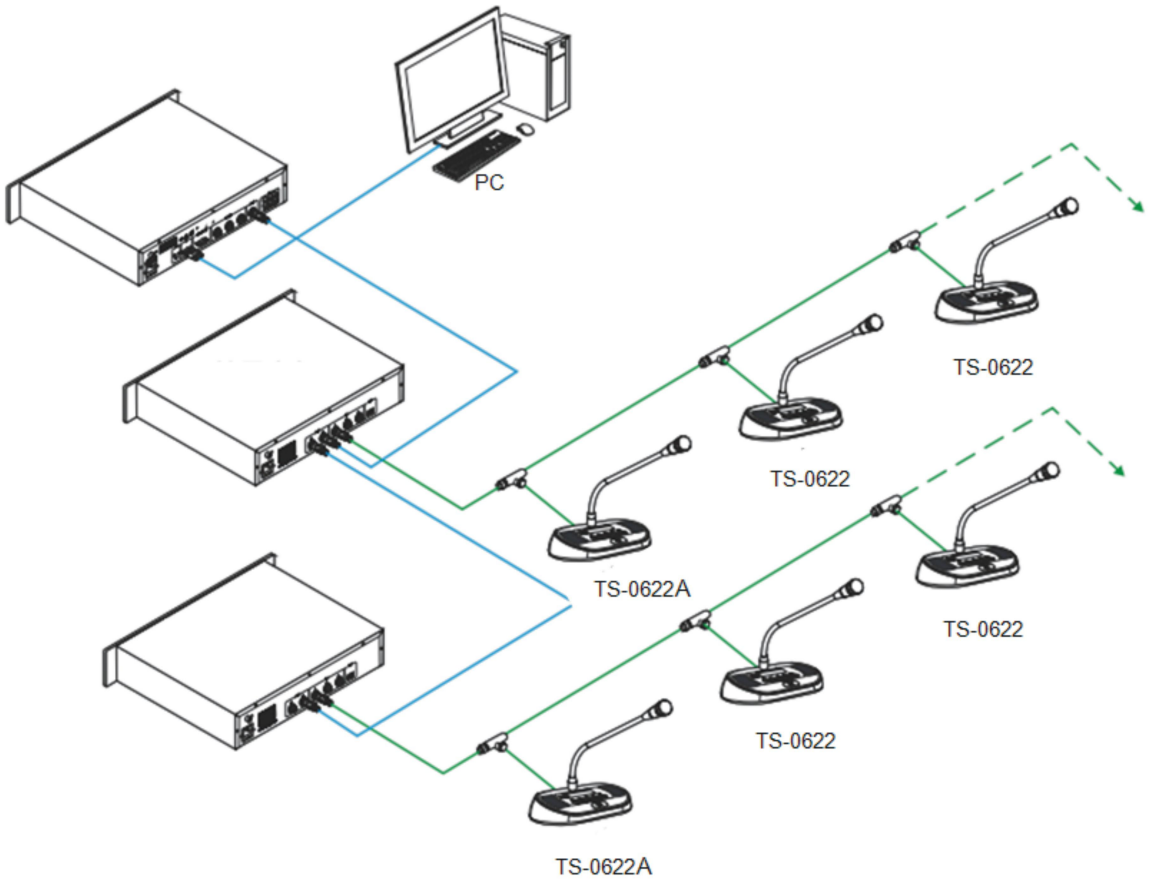
Shut off function-long-press chairman unit microphone open key for 3 seconds, the speech unit. Would all be closed

⑥ Microphone priority button. Chairman unit (TS-0622) 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.

⑦ The volume adjusting knob.

⑧ The headphone output.

4. system connection diagram



Connecting as above picture and turn on the conference host.

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-0622/TS-0622A, 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-0622/ TS-0622A 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.

Only the Chairman Unit could activate sign-in function. Press “YES” for 3 seconds to activate sign-in and enter sign-in status. Long press ON/OFF button to sign in. Press STOP button on Chairman Unit to quit the sign-in mode.

3) Conference Voting

Selecting the discussion mode and choose voting option, then click voting start. At this time, the three buttons YES, ABSTAIN and NO will flash. Press any of them, you will see there is data change on the projector and display of the unit. The result will be the last press button. If finishing the voting, then just click finish.

Only the Chairman Unit could activate sign-in function. Press “YES” for 3 seconds to activate sign-in and enter sign-in status. Long press ON/OFF button to sign in. Press STOP button on Chairman Unit to quit the sign-in mode.

4) Conference Voting

Selecting the discussion mode, choose VOTE and then click START VOTING. The digital keys will be flashing. Pressing any of them, you could see there is some data change on the projector. The result will be the last press button. If finishing the voting, then just click finish.

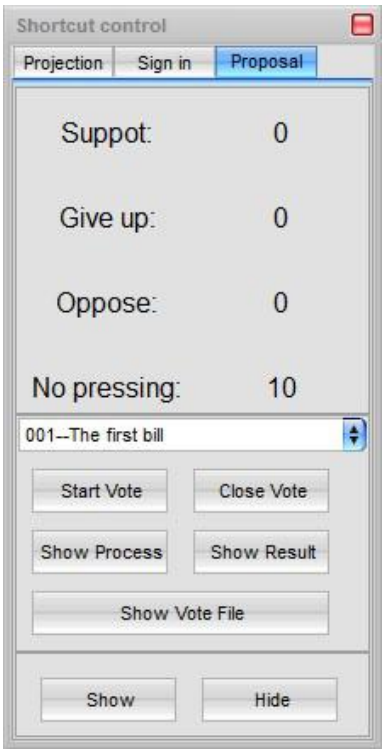
5) Conference evaluation

Selecting the discussion mode, choose rating option and then click START VOTING. The digital keys will be flashing. Pressing any of them, you could see there is some data change on the projector. The result will be the last press button. If finishing the voting, then just click finish.

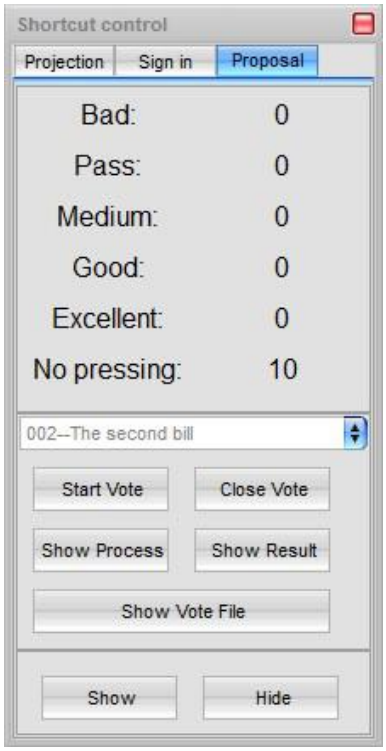
6) Headphone output and record output

After inputting background music by the conference controller, you could hear music from the speaker built-in TS-0622/TS-0622A when the mic is not used. But once the mic is used, the speaker will stop playing music. If connect the headphone or record interface, the speaker will be mute and the audio will be output from the headphone.

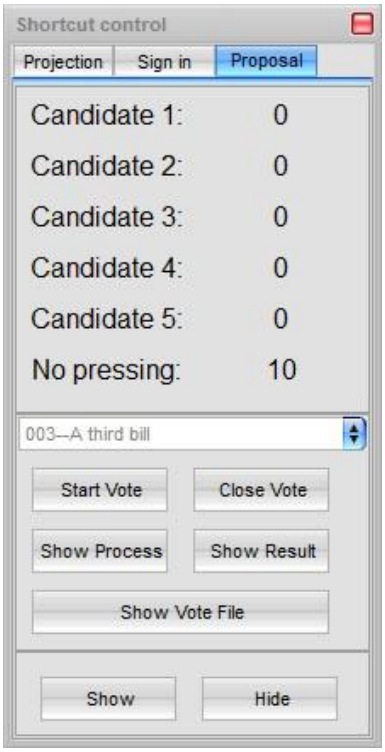
Picture 1



Picture 2



Picture 3



Picture 4

5. Specification

Model	TS-0622	TS-0622A
Power supply	DC24V(powered by controller)	
Unit connector	8 pins particular connector	
Power consumption	3W	
Earphone output	9dBu, 8-32Ω, 3.5mmMiniature socket	
Speaker power	≤2W	
Speaker type	high directivity Electret	
Directivity	Cardioid type	
S/N Ratio	> 80dB	
Crosstalk attenuation	> 80dB	
Distortion	< 0.10%	
frequency response	80Hz-16kHz	
Equivalent Noise	≈20dB SPL	
Max SPL	105dB (3% threshold)	
Sensitivity	-22dBv/Pa	
Length of the tube	41.5cm Silvery white	
Dimension	230×131×48mm	
Weight	1.1Kg	

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Version 0.6