



**Intelligently digital conference
system**

User Manual

TS-0604ME

Before using the system, please read this manual first

1. Intelligent Digital Conference System Introduction

About ITC Intelligent Digital Conference System

- Intelligent Digital Conference System, is another high-tech professional product line after multimedia products, audio and video matrix control products. It includes the discussion of speech, simultaneous interpretation, infrared voice allocation, teleconference, voting, camera tracking system.
- Adhering to the philosophy that has always been advocated of comprehensive system, the integration solutions can be done DCS (Digital Conference System) and MCS (Multimedia central control system) tightly between the two different systems compatible, thus it can form a comprehensive product solutions for smart meeting system.
- This manual is applied for smart meeting system control computer, speech unit, camera tracking system and telephone conferencing systems.

2. Product Function Introduction

TS-0604ME Conference Control Host

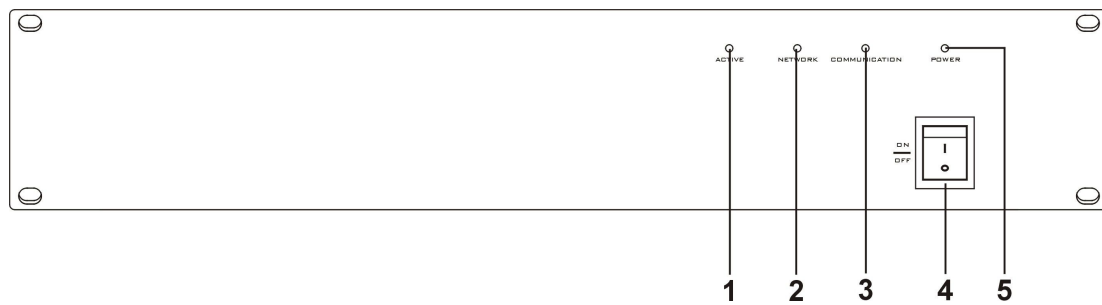
2.1 Product Description

TS-0604ME is a high-performance system to expand the meeting host, it hosts TS-0604ME used in conjunction with a variety of conference mode selection (select number of speakers, speaking mode selection), super extended functionality, perfect sound processing. Using equalizer module, ambient noise suppression technology. With voting functionality and data management capabilities. Each TS-0604ME received 128 units, each input port can access up to 40 microphone units, expansion of scale meetings, increasing the number of meetings.

2.2 Function and Features

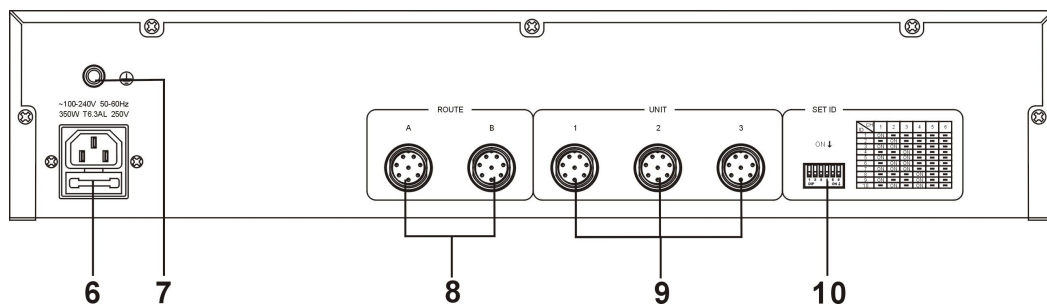
- Each extension can connect up to 128 conference units, can connect up to 10 units of the meeting host, you can also continue to expand up to 4096 conference units within a conferencing system because of the working requirements.
- Using a dedicated 8-core plug connection.
- "Hand in hand" concatenated model.
- With voting functionality and data management capabilities.
- Achieving conference host power extended support , and increasing access to the system unit quantities.
- Shell is made of all metal materials, both the line and shell have strengthened the connection with the ground, and enhanced the ability of anti-static.
- Extended host and the host can be installed on standard 19-inch rack.

2.3 Front Panel



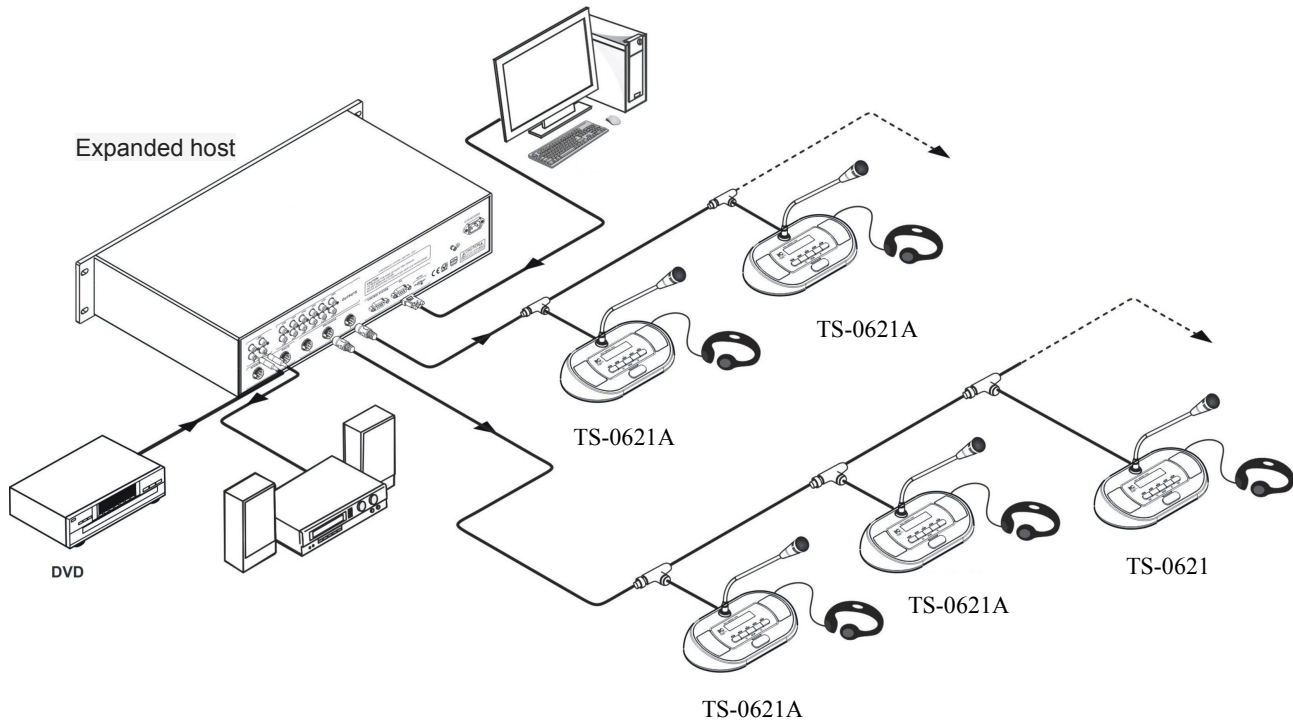
1. ACTIVE status LEDs to indicate status data transceiver unit.
2. NETWORK indicator lights for the network.
3. COMMUNICATION is working indicator, it flashes when working properly.
4. Power switch.
5. Power Indicator.

2.4 Rear Panel



6. AC~220V power input.
7. Ground terminal.
8. Remote expansion interfaces A, B, can be connected to the host TS-0604M or extended host TS-0604ME.
9. Conference Unit Interface 1-3.
10. Expand the host address DIP switch settings.

3. Connection legend

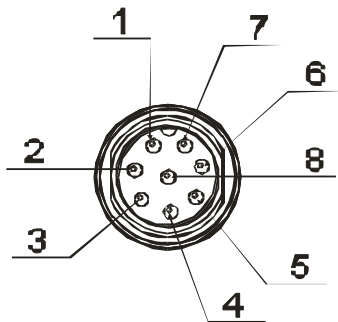


TS-0604ME Extended host system connection diagram

Attention: In accordance with the above system is a good system connection diagram, first of all TS-0604ME extended host (the first host address expansion set to 10 and can not be repeated), and then turn on the power switch, over 20-30 seconds, and then open the TS-0604M master power switch.

NOTICE

1. 8-core aviation unit Interface Pin Description



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

4.operating instructions

4.1 System Connection Description

Machine TS-0604ME is used to extend the conference host TS-0604M and expanded conference unit, as shown in Figure interfaces, ROUTE refers to remote extension interface for connecting host TS-0604M or extended host TS-0604ME, and it adopts a "hand in hand" cascade mode, the maximum extension can be extended to 64 hosts (currently only supports 10 units), DIP switch distinguish extended through the right side of the host address SET ID.

Dial-up ID Number	6	5	4	3	2	1
1	-	-	-	-	-	ON
2	-	-	-	-	ON	-
3	-	-	-	-	ON	ON
4	-	-	-	ON	-	-
5	-	-	-	ON	-	ON
6	-	-	-	ON	ON	-
7	-	-	-	ON	ON	ON
8	-	-	ON	-	-	-
9	-	-	ON	-	-	ON
10	-	-	ON	-	ON	-

Extended host address coding table

4.2 Host Status Description

TS-0604ME front panel has four LED, which work when a power indicator is steady state, an exception will be flashing and the relay jumps; COMMUNICATION working lights will flash during normal operation, NETWORK indicator is networking indicator lights when the power of this means that the normal expansion of host access system, when there is no indication if this light, indicating that this machine is unable to access the system, then the function is invalid; ACTIVE status indicators for unit data transceiver state.

4.3 Host address encoding settings

When the system all the TS-0604ME boot, open TS-0604M conference host power supply, so the extended host NETWORK indicator will indicate the effective coding ID online, for failure to properly connected to the system, TS-0604ME, need to re-address code.

Coding method:

- A. After the address connected to the system, TS-0604ME panel to the right of the DIP switch sequence shown in Table 1.1, compiled into efficient encoding different addresses.
- B. Re-compiled a good address coded TS-0604ME power on again.
- C. After the re-opening of the meeting host TS-0604M, expand the host ID number will be smooth access systems.

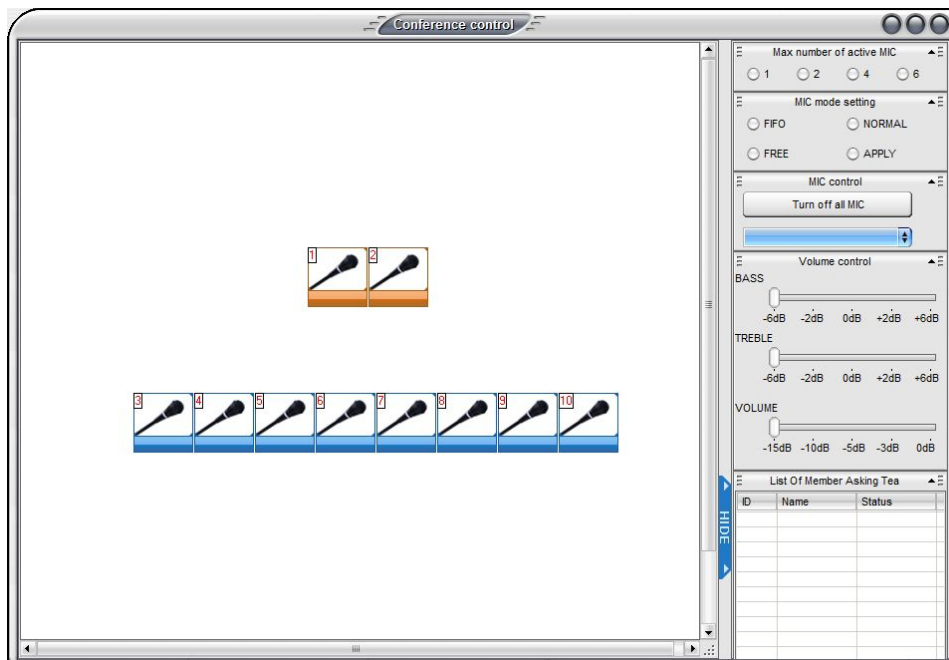
4.4 Conference unit address setting

The ID of the rear panel is set to ON at the switch, then the whole system into series ID mode, turn on the host and extend host number ID number, you can dial back to the OFF position, the system unit address setting is completed.

5 Background music and meeting venue Control

5.1 Operation

- A. Adjust the bass, treble and volume , and Extended Host hanging unit also will adjust the sound.
- B. PC software can control extended hosts any unit hang microphone, both open and close.
- C. Extended host Hanging unit operating mode can be changed by PC software, and all the microphone can be closed.



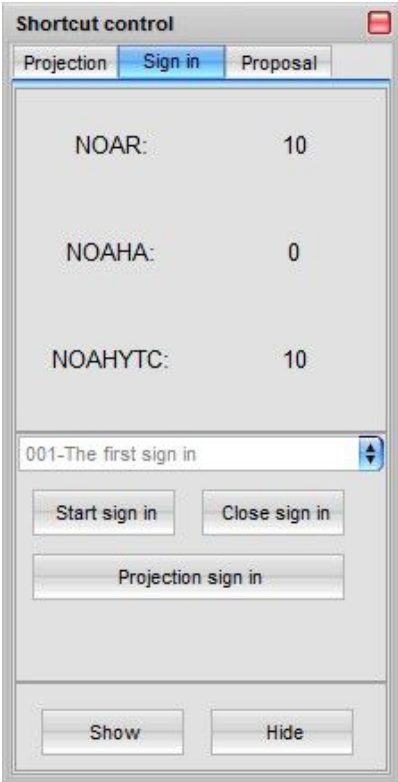
5.2 Operating standards

When it is connected normally, under conference mode if there is a unit open, TS-0604ME relay will be turned on and the microphone can speak; Only when microphones are turned off, the relay will be closed.

6. Conference Registration

6.1 Operation

By clicking PC software, Starting or signing a long drive TS-0622 by Chairman of the 2nd to enter attendance mode, finally pressing the switch sign.



6.2 Operating standards

In attendance patterns, attendance data in real time, accurate, timely and updated statistical data on the PC software, and no abnormal beating the relay.

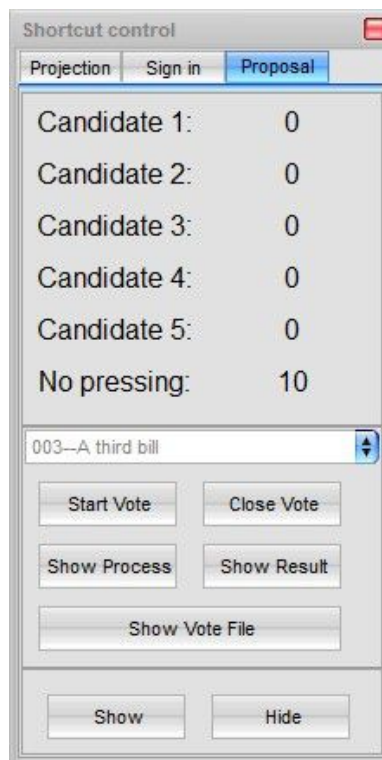
7. Conference voting, voting and elections

7.1 Operation

By clicking PC software, Starting voting, voting and elections, or long pressing the chairman machine TS-0622 No.1 key, finally pressing the Select button to select (Candidate).

7.2 Operating standards

In the poll / voting / rating three modes, the data is in real time, accurate, timely and updated statistical data on the PC software, and no abnormal beating about the relay;



8. Technique Parameter

Model	TS-0604ME
Power Supply	Switch Power supply AC100-240V 50-60Hz
Working Temperature	5°C~40°C
Working Moisture	Relative humidity, without condensation
Statics Power Consumption	≤20W
Max Power consumption	350W
Output Power	110W×3
Frequency Response	50Hz-20KHz
(S/N)	>80dB
Harmonic distortion	<0.5%
Carrier distortion	<1%
Crosstalk attenuation	50dB
Interface	Eight core aviation plug * 5 / mains three core AC socket
Weight	About 3KG
Dimension	484L x 305W x88H (mm)
Color	Black

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