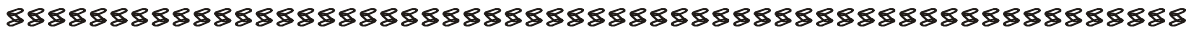




## SAFETY OPERATIONAL GUIDANCE



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 overview**

### **About ITC intelligent digital conference system**

- ◆ Intelligent digital conference system, the control of products and multimedia audio and video matrix product after high-tech professional product series, which including discussion, simultaneous interpretation, the infrared voice distribution, long-distance telephone meeting, voting, and camera tracking system.
- ◆ Always advocated the concept of a comprehensive system integration solutions which can do DCS (digital conference system) + MCS (multimedia central control system) closely compatible between the two different systems, formed a product of comprehensive intelligent conference system solution.
- ◆ This manual is suitable for the intelligent conference system of master controller, speech unit, camera tracking system and telephone conference system

## **2 Function characteristics**

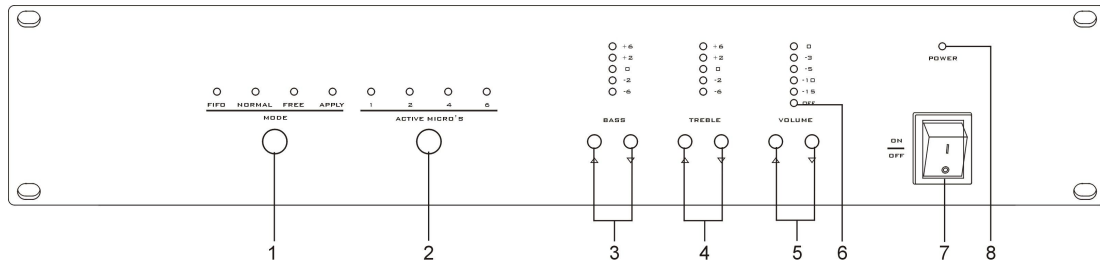
- ◆ Conference controller can connect to 128 units at maximum, through expanded controller. A completed conference system can access to 4096 units.
- ◆ Using special 8 core aviation plug connection.
- ◆ "Hand in hand" concatenated model.
- ◆ With audio input connector.
- ◆ With multiple sets of the original sound channel output.
- ◆ Speak limit function, a unit quantity 1/2/4/6 adjustable, chairman of the unit is not restricted.
- ◆ Support FIFO,NORMAL,FREE,APPLY a variety of conference model.
- ◆ Support automatic camera tracking function.
- ◆ Cooperate with phone couple, can be remotely conference call.
- ◆ Support sign-in voting and data management capabilities.
- ◆ Support for PC software conference management functions.
- ◆ Controller use metal shell, with 8000V antistatic ability.
- ◆ Controller can be installed on the 19" standard rack.

### 3. DSC controlled system

#### Description of Product

#### TS-0604M Conference master controller

#### 3.1 Front Panel



##### 1) MODE Setting

- ◆ FIFO Mode, The first open speech unit was shut down by later speech unit after reaching boot number.
- ◆ Normal mode, After reaching representatives spoke unit number, if representative speak, Automatic enter request to speak. Only first speck unit is turned off, the request to speak unit will be speaking.
- ◆ Free mode, 20 representatives spoke unit number at the same time open up allowed in maximum.
- ◆ Apply mode, representatives spoke unit should get permission of the chairman or the operator to speak.

P.S. chairman Not restricted by the above model.

2) ACTIVE MICRO'S — A number of restrictions, adjustable to the number of delegates unit at the same time open for 1/2/4/6. (FREE mode is not restricted by this feature, the chairman on behalf of the unit is not restricted).

3) BASS — Bass output volume adjustment, through the volume buttons to adjust the output volume increase and decrease, press the volume increase/decrease key to control the volume increase/decrease (volume after the maximum/minimum, to continue button is invalid).

4) TREBLE — Adjust output volume treble, through the volume buttons to adjust the output volume increase and decrease, press the volume increase/decrease key to control the volume increase/decrease (volume after the maximum/minimum, to

continue button is invalid.

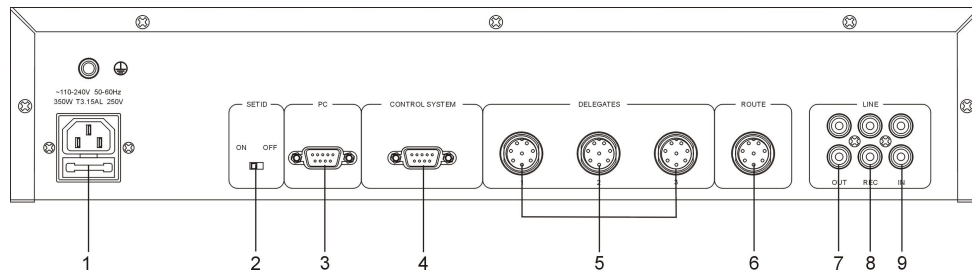
5) VOLUME —Adjust output volume, through the volume buttons to adjust the output volume increase and decrease, press the volume increase/decrease key to control the volume increase/decrease (Maximum volume/OFF after the continue button is invalid).

6) OFF —Main volume mute lamp, when the volume adjustment choose to "OFF" position, the mute indicator light, the main volume be turned OFF.

7) power switch — can open/close the controller power supply. Switch on power, the power light is display, switch power supply shut down, the power indicator light will be out.

8) power indicator.

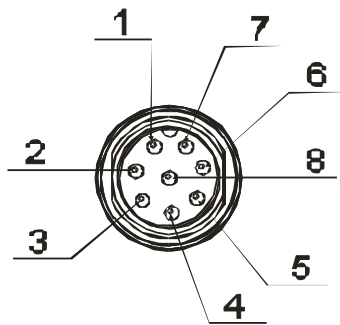
### 3.2 Back Panel



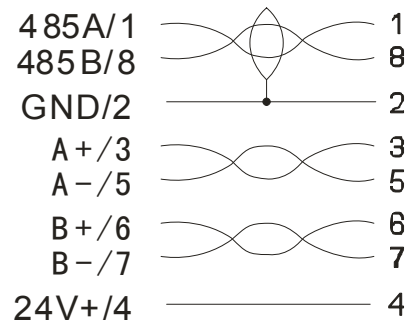
- 1) POWER INPUT—Input power, support AC100V-240V input.
- 2) SET ID—conference unit ID set up switch,use for set the conference unit's ID(Complete ID set after 20 seconds before the next step).
- 3) PC—Connected to computer serial port, PC software conference management function.
- 4) CONTROL SYSTEM—Connect the central control system controller or camera tracking controller, automatic camera tracking function.
- 5) DELEGATES—Used to connect to conference unit, each controller can connect to 128 unit maximum.
- 6) ROUTE—Extension socket connection, can realize more hand in hand extension controller in series connection.
- 7) OUT port—Connect to a remote conference call terminal input, including conference audio and line input audio.
- 8) REC port —Record output,connect to monitor recording machine.
- 9) IN port —Line audio input,such as background music or remote conference call terminal output.

**NOTICE:**

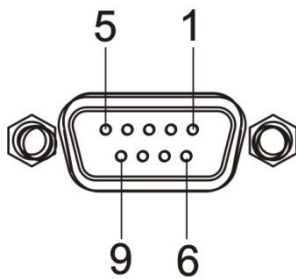
1. Unit 8 core air connector foot function description



8Pin MALE

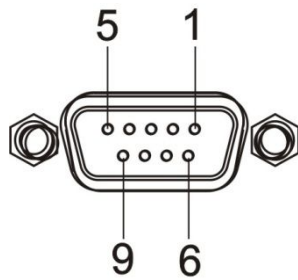


2. CONTROL SYSTEM COM foot position function description:



	Foot position	Signal	Description
Control System	1	—	—
	2	—	—
	3	TXD	Transmitter data
	4	—	—
	5	GND	Signal earth
	6	—	—
	7	—	—
	8	—	—

3. PC COM foot position function description:



	Foot position	Signal	Description
PC	1	—	—
	2	TXD	Transmitter data
	3	RXD	Receive data
	4	—	—
	5	GND	Signal earth
	6	—	—
	7	—	—
	8	—	—

## 6 Technical parameters

Technical parameters	TS-0604M
Supply power	Switching power supply AC100-240V
Quiescent dissipation	10W
Maximum power	350W
Output power	≤110W/24V every road
Audio output	Impedance: 100Ω way: nonequilibrium
MIC input	impedance: 100kΩ electronic level: -60 dB way: nonequilibrium
Frequency response	60–16kHz
Signal to Noise Ratio(S/N)	> 80dB
Harmonic distortion	< 0.5%
carrier distortion	<1%
Weight	About 4.8Kg
Size	484L x 305W x88H (mm)
Color	Black