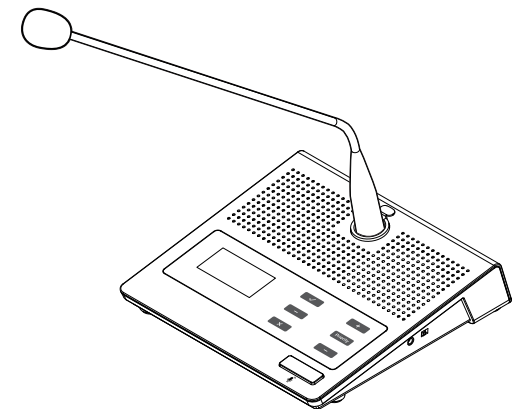


User's Manual

Digital Conference System



Important Safety Instructions



TO REDUCE THE RISK OF ELECTRIC SHOCK PLEASE DO NOT REMOVE THE COVER OR THE BACK PANEL OF THIS EQUIPMENT. THERE ARE NO PARTS NEEDED BY USER INSIDE THE EQUIPMENT. FOR SERVICE, PLEASE CONTACT QUALIFIED SERVICE CENTERS.



This symbol, wherever used, alerts you to the presence of un-insulated and dangerous voltages in the product enclosure. These are voltages that may be sufficient to constitute the risk of electric shock or death.



This symbol, wherever used, alerts you to important operating and maintenance instructions. Please read.



Protective Ground Terminal



AC mains (Alternating Current)




Hazardous Live Terminal

ON: Denotes the product is turned on.

OFF: Denotes the product is turned off.

CAUTION

Describes precautions that should be observed to prevent damage to the product.

1. Read this Manual carefully before operation.
2. Keep this Manual in a safe place.
3. Be aware of all warnings reported with this symbol. 
4. Keep this Equipment away from water and moisture.
5. Clean it only with dry cloth. Do not use solvent or other chemicals.
6. Do not damp or cover any cooling opening. Install the equipment only in accordance with the Manufacturer's instructions.
7. Power Cords are designed for your safety. Do not remove Ground connections! If the plug does not fit your AC outlet, seek advice from a qualified electrician. Protect the power cord and plug from any physical stress to avoid risk of electric shock. Do not place heavy objects on the power. This could cause electric shock or fire.
8. Unplug this equipment when unused for long periods of time or during a storm.
9. Refer all service to qualified service personnel only. Do not perform any servicing other than those instructions contained within the User's Manual.
10. To prevent fire and damage to the product, use only the recommended fuse type as indicated in this manual. Do not short-circuit the fuse holder.

WARNING

To reduce the risk of electric shock and fire, do not expose this equipment to moisture or rain.



Dispose of this product should not be placed in municipal waste and should be separate collection.

Before replacing the fuse, make sure that the product is OFF and disconnected from the AC outlet.

11. Move this Equipment only with a cart, stand, tripod, or bracket, specified by the manufacturer, or sold with the Equipment. When a cart is used, use caution when moving the cart/equipment combination to avoid possible injury from tip-over.



12. Permanent hearing loss may be caused by exposure to extremely high noise levels. The US. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible exposure to noise level. These are shown in the following chart:

Hours x day	SPL	Example
8	90	Small gig
6	92	Train
4	95	Subway train
3	97	High level desktop monitors
2	100	Classic music concert
1.5	102	
1	105	
0.5	110	
0.25 or less	115	Rock Concert

According to OSHA, an exposure to high SPL in excess of these limits may result in the loss of heat. To avoid the potential damage of heat, it is recommended that Personnel exposed to equipment capable of generating high SPL use hearing protection while such equipment is under operation.

The apparatus shall be connected to a mains socket outlet with a protective earthing connection.

The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

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Electrical Specifications

Microphone input	Electronically balanced
Frequency Response to Main Output	200Hz~6KHz at 0dBu \pm 1.5dB Vocal (can be updated by software to get a wider frequency)
Distortion(THD&N) to Main Output	<0.01% at 0dBu 1KHz
SNR(Signal to Noise Ratio)	97dB
Maximum Input Level	-22dBu
Phantom Power(+/-3V)	+12VDC
Speaker output	
Maximum Output Level	+13dBu AMP
Headphone output	
Maximum Output Level	+0dBu
Digital Audio	
AD/DA Dynamic Range	114dB
Internal Processor	32-bit , floating point
ADC,DAC bit depth	32bit
operating free-air temperature range	0~40°C
storage temperature range	-20°C~60°C

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1

Introduction

Thank you for purchasing digital conference system. It is a new generation of advanced digital conference system, all data and audio are used digital signal processing. The system includes the host, chairman machine, attendance machine, expansion machine and multiple video switcher. Software includes the scene preset, microphone management, voting management, feedback suppression, audio equalization and other functions.

It is recommended that you carefully read the manual before using it to familiarize yourself with its features, applications, and proper connection. Thank you again for purchasing our products.

2

Features

Delegates participate in the meeting by discussion equipment. It includes gooseneck microphones, voting buttons, LCD, and conference speakers. The discussion equipment can realize the functions such as meeting sign-in, speaking, and voting. Chairman has the priority speaking function.

- Equiped with monitor speakers
- Headphone monitor output
 - Mix
 - Simultaneous interpretation input sound
- Headphone volume adjustment
- Voting
- Speaking request function
- FBC function

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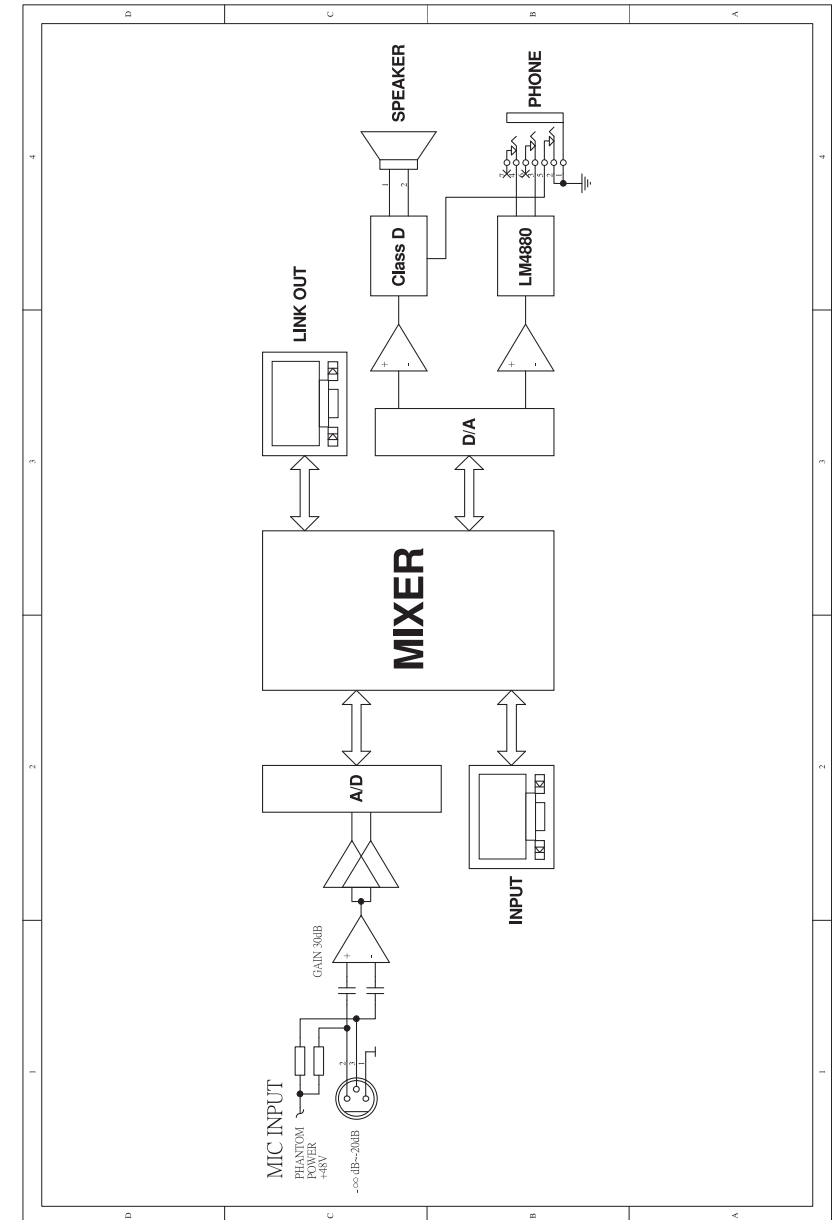
Usefull Data

Please write your serial number here for future reference.

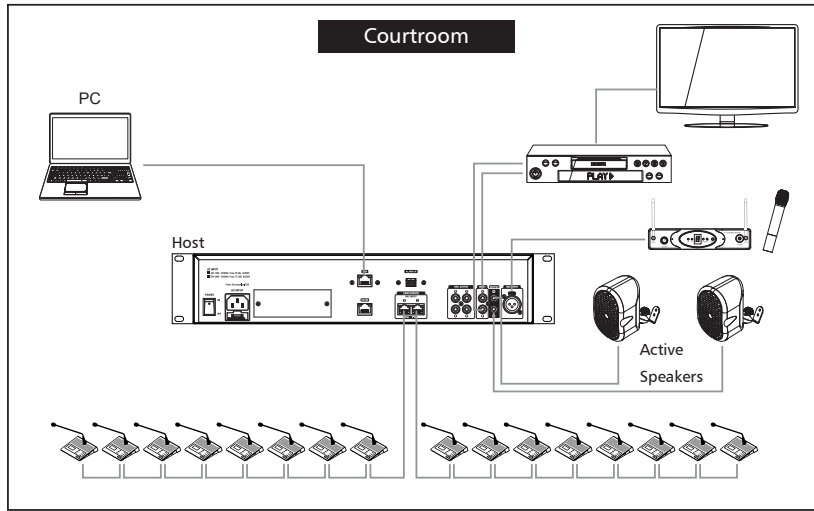
Serial Number:
Date of Purchase:
Purchased at:

6

Block Diagram



System Application Diagram



Control Description

1. Microphone interface

It is used to connect the gooseneck microphone. Please note that use the gooseneck microphone with LED for replacement, otherwise it may cause unpredictable results.

2. Screen

Used to display the current state of the speaking and recording information.

3. Agree button

Touch Agree for supporting in the voting interface.

4. Drop button

Touch Drop for dropping in the voting interface.

5. Disagree button

Touch Disagree for voting against in the voting interface.

6. Volume adjustment

Touch "+" or "-" to increase or decrease the headphone volume.

7. Priority button

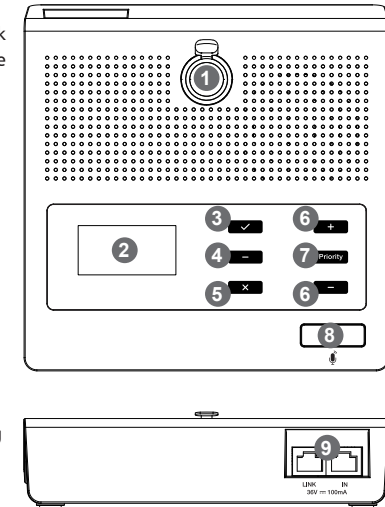
When the chairman machine is set to be the discussion device, touch "Priority" to cover the microphone of all other attendees and give priority to speaking.

8. Microphone button

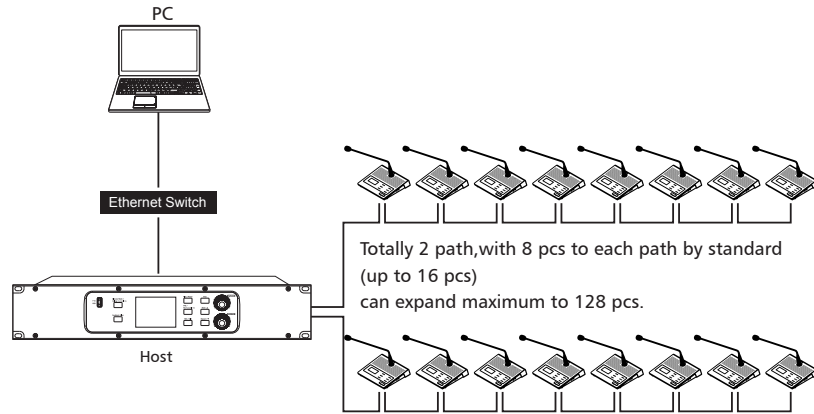
Press this button in the main interface for speaking requests. In the sign-in interface, press this button to sign in.

9. Extension of the conference system

Both two interfaces are used to connect multiple discussion devices. The System is connected in a hand-in-hand way for easy installation. For example, the left interface connects to the previous device, the right interface connects to the next device, and so on.



System Application Diagram



The conference system is a plug and play system, mainly used in small and medium-sized conference venues.

1. Host: The control center of the conference system.
2. Discussion equipment: The chairman machine or attendance machine, there is only one chairman can be placed in one of the location of the 2 and 3 branches.
3. PC: Used to manage and configure the system with PC software.

System Application Diagram

