



Anti-interference



Discussion



Camera

**Video Discussion Conference System**

**YC836**



**YC836M**  
Central Control unit



## YC836 Video Discussion Conference System

### Overviews

The main unit can match the request no matter for few of representative delegate units in the small conference system, or the big conference system including interpreter equipment, hundreds of representative units or wired and wireless language distribution equipments. The main unit has all the power supply for all of representative units and basic controlled function, and has port which connected with kinds of other equipments. Also, it can reach much more functions by adding other equipments and software.

### Features

- LCD display for status information and configuration
- Up to connect 240 pcs microphones with extension unit
- Operate independently or connect with computer external and use with software simultaneously
- Support Meeting Mode: Applied to speak, Limit, FIFO ,AUTO
- 1~9 microphone speak at the same time
- Supports automatic camera tracking
- Audio signal input interface, internal connects CD player or audio input equipment
- One group MIC input interface, external connects signal of handhold MIC and wireless MIC ,three group audio signal output interface, internal connects REC or audio equipment
- Installed inside 19inch standard frame

### Specifications

Power Supply	220V~240V -50Hz
Max Power Consumption	450W
Frequency response	40-16kHz
Total harmonic distortion	< 0.1%
Dimensions	500*400*13(mm)
Weight	8.2kg

# YC836M Central Controller Unit

## Specifications

Power Supply	AC220V-50HZ
Max Power Consumption	450W
Frequency response	40-16kHz
Input / Output	8P-DIN
Input	MIC 6.3mm RCA
Output	XLRM (Balance) RCA
Color	Dark Gray
Diamensions	500*400*13(mm)
Weight	8.2kg

## Interconnections

### Back

- Video Input 1-8
- Video Output 1-2
- Rs-232 Connect To Pc
- Dome ( rs-232 )
- Indicator
- Dome ( rs-422 / Rs-485 )
- Delegate ( line )
- Line Out
- Mix Out
- Tel
- Data
- Treble Gain
- Power Port 220v-240v ~ 50hz-60hz





YC836D  
Delegate unit



YC836C  
Chairman unit

### Features

- Microphone on/off button
- microphone gooseneck can be pull out
- Power supply for all the delegate units is provided by the main unit at 18 safe voltages.
- 8-PIN T-type hand-in-hand interconnection cable
- Annular red indicator lamp could show the state of the microphone
- Chairman unit number in the system is unrestricted, can join in any position of the system.
- Chairman can turn down delegate MIC by priority button,
- Only mode: only chairman microphone can be turn on



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### Specifications

Frequency response:	50-16kHz
Sensitivity :	42dB±2dB
Receiving distanc:	15cm-50cm
Length of gooseneck:	390mm
Size:	200*120*64(mm)
Weight:	0.75kg

## YC532 HD Conference Video Camera



### Overviews

The camera offers perfect functions, superior performance and rich interfaces. The features include advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution and fantastic color rendition. It supports H.265/H.264 encoding which makes motion video fluent and clear even with less than ideal bandwidth conditions.

### Features

- Superb High-definition Image: It employs 1/2.8 inch high quality CMOS sensor. Resolution is up to 1920x1080 with frame rate up to 60 fps.
- Various Optical Zoom Lens: It has 5X/10X/12X/20X optical zoom lens for options. Leading fast Auto Focus Technology
- Low Noise and High SNR
- Advanced 2D/3D noise reduction technology
- Quiet PTZ: By adopting high accuracy step driving motor mechanism, it works extremely quiet and moves smoothly and very quickly to designate position.
- Multi-Format Video Outputs: support HDMI, 3G-SDI, USB, wired LAN and wireless LAN interfaces.
- IR interference and 2.4G wireless remote Controls
- Low-power Sleep Function
- Support VISCA, PELCO-D, PELCO-P protocols
- Support RS-232 cascade function which is convenient for installing. Up to 255 presets (10 presets by remoter).



**YM80 Professional Conference Mixer Console**

**Overviews**

The pro mixing console is key to a professional audio system. Using pre amplifier as the main part, it can receive multi-channel audio signals of different impedances and levels and can equalize, mix, distribute these signals. As long as you achieve the best SNR and timbre through adjustment, the pro mixing console will complete efficient and quality transmission of audio signals.

**Technical Specifications of the YM80, YM120, YM160**

- YM80: 4 channels Mono and 4 channels Mic input, 2 channel stereo input
- YM120: 8 channels Mono and 8 channels Mic input, 2 channel stereo input
- YM160: 12 channel Mono and 12 channels Mic input, 2 channel stereo input

- High-performance Microphone Pre amplifiers with Switchable Phantom Power
- 3-band Channel EQ and High-pass Filters
- Built-in Channel Compressors
- Smooth 60-millimeter Faders & Illuminated Channel ON Switches
- Bright Meters for Visual Level Monitoring



**Specifications**

Model	YM80	YM120	YM160
Max. Output Level	19dBm (1kHz, THD=0.5%)	19dBm (1kHz, THD=0.5%)	19dBm (1kHz, THD=0.5%)
Residual Noise SNR	-75dB	-75dB	-75dB
S/N Ratio	71dB	71dB	71dB
Phones Output	40mW (1kHz, THD=0.5%, 200 Ω)	40mW (1kHz, THD=0.5%, 200 Ω)	40mW (1kHz, THD=0.5%, 200 Ω)
EQ	LOW: 80Hz ±15dB MID: 2.5kHz ±15dB HIGH: 12kHz ±15dB	LOW: 80Hz ±15dB MID: 2.5kHz ±15dB HIGH: 12kHz ±15dB	LOW: 80Hz ±15dB MID: 2.5kHz ±15dB HIGH: 12kHz ±15dB
Gain Control	Mono: -55dB~0dB Stereo: -10Db~0dB	Mono: -55dB~0dB Stereo: -10Db~0dB	Mono: -55dB~0dB Stereo: -10Db~0dB
Frequency Response	20Hz~20kHz +1.0, -3dB	20Hz~20kHz +1.0, -3dB	20Hz~20kHz +1.0, -3dB
T.H.D	Less than 0.05 (1kHz,0.775V)	Less than 0.05 (1kHz,0.775V)	Less than 0.05 (1kHz,0.775V)
Power consumption	25W	35W	45W
Dimension (W×D×H) mm	400x400x45	443x400x45	560x400x90
N.W	4.41 kg	5.57 kg	7 kg



**YAN300/YAN400/YAN800  
Professional Conference Amplifier**

**Overviews**

The pro amplifier has a built-in efficient transformer and high capacity filter power supply. This helps ensure lower distortion, greater low frequency control force and clearer voice when the amplifier outputs at full load. The pro amplifier offers three output modes, including stereo, mono and bridge output. The use of time delay relay circuit allows soft start, which helps protect the speaker against electric shock during POWER ON or OFF. The pro amplifier is widely used on many occasions for speech transmission and sound reinforcement.

**Features**

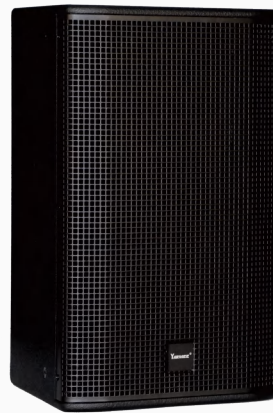
- Innovative Design: Stylish appearance with a standard 2U chassis height, suitable for rack installation. The high-strength symmetrical chassis structure ensures quick and easy assembly.
- High-Efficiency Power Supply: Features a large transformer and high-capacity filter capacitors for low distortion and enhanced low-frequency control at full load, delivering clearer sound.
- Front Panel Controls: Precise gain control and status indicators for power, signal, protection, and clipping.
- Advanced Protection Circuitry: Unique automatic protection for each channel, including DC, overheating, overload, and limiting.
- Automatic Cooling System: Variable-speed fan adjusts based on power usage for reliable performance.
- Professional Connections: Equipped with balanced XLR input/output interfaces and SPEAKON output connectors.
- Flexible Operation Modes: Rear panel switch for selecting stereo, bridge, or parallel modes.
- Powerful Output: Robust power output for a wide range of applications.

**Specifications**

MODEL NUMBER	YAN300	YAN400	YAN800
Input sensitivity/impedance	>20kΩ	>20kΩ	>20kΩ
Output consumption	8Ohm	2x300W	2x800W
	4Ohm	2x500W	2x1300W
	Bridged 8Ohm	600W	800W
Frequency response	20Hz-20KHz	20Hz-20KHz	20Hz-20KHz
S/N ratio	98dB	98dB	98dB
Total Harmonic Distortion	<0.05%	<0.05%	<0.05%
Damping Factor	>300	>300	>300
Cooling System	Fan-cooled, airflow from front to rear, speed adjusts automatically based on temperature		
Power supply	AC220V~50Hz	AC220V~50Hz	AC220V~50Hz
N W	15.7kg	16.4kg	19.2kg



**YLN250**



**YLN350**



**YLN400**

**Professional Conference Speaker**

Model	YLN250	YLN350	YLN400
Specification	horn tweeters, 10" bass	horn tweeters, 12" bass	horn tweeters, 15" bass
Color	black	black	black
Material	woodiness	woodiness	woodiness
Frequency response	70Hz ~ 18KHz	65Hz-18 kHz	42Hz- -18 kHz
Impedance	8Ω	8Ω	8Ω
Rate power	250W (Peak 500W)	350W (Peak 700W)	400W (Peak 800W)
SPL	117dB SPL	120dB SPL	128dB SPL
Dispersion Angle	90°-60°	90°-60°	90°-60°
Input sensitivity	94dB	96dB (1W / 1m)	96dB (1W / 1m)
Dimension(H*W*D)	308x345x520mm	369x410x595mm	442x490x711mm
Weight	16.5kg	21.5kg	30kg



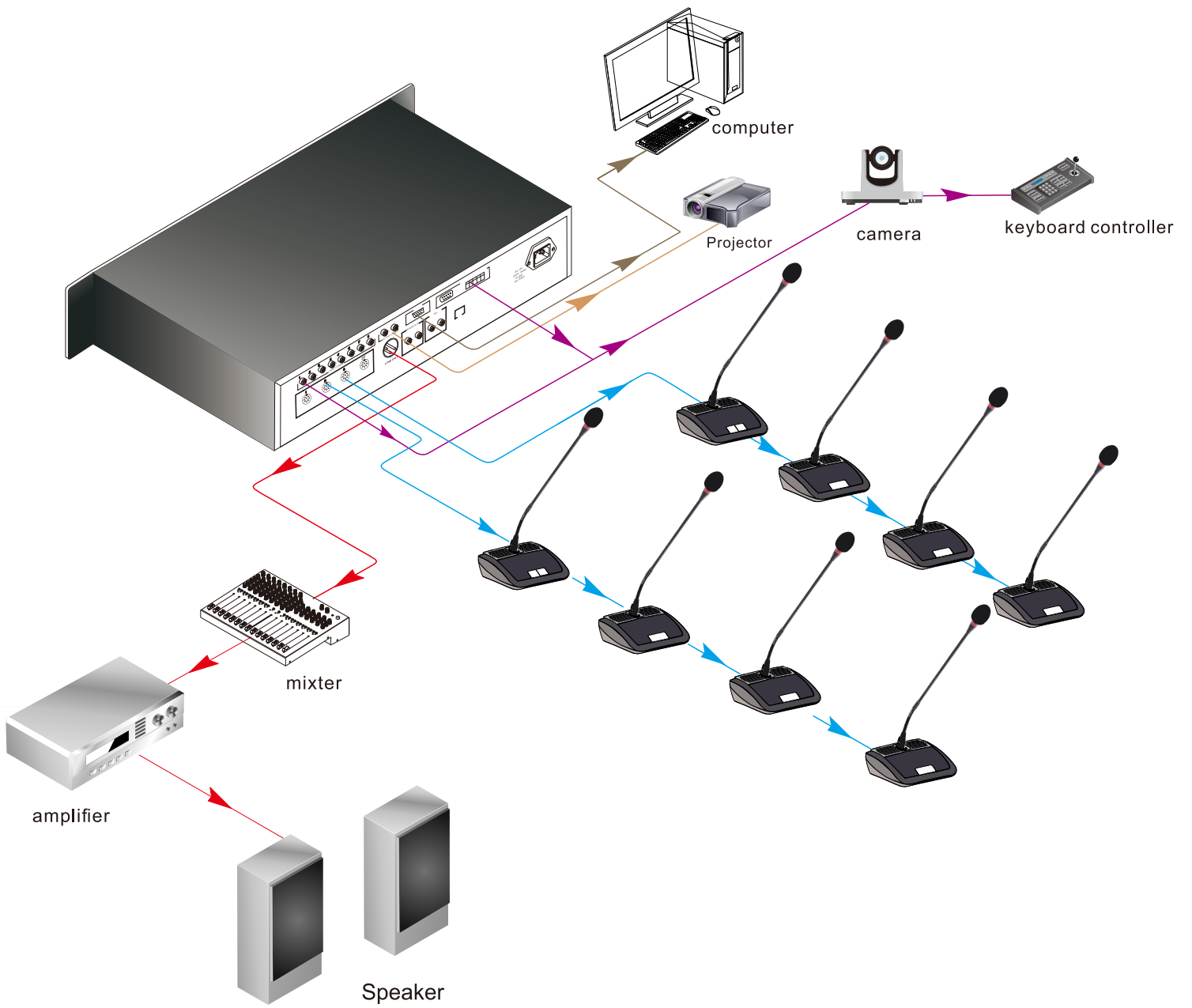
**YL50**

**Specifications**

Specification	6.5"/1 way
Color	White
Material	Plastic
Frequency response	100Hz-16KHz
Impedance	4 Ω
Rated power	20W-50W
SPL	120dB, 124dB(peak)
Dimension(φ,H)	180mm*80mm
Weight	1.57kg
Installation	ceiling type



**Connection Diagram**



**Pictures of projects**

