

# YC845M Central Controller Unit



Camera



Vote



Loudspeaker



Discussion

With the multiple-conference is more and more popularization, the requesting of the meeting equipments are higher for the multi-functional meeting room, it need the function of video camera auto-track, voting, electing and interpretation in lots of the discussion meeting situation. Our company developed the multi-functional meeting control system on the base of summarizing the experience of multiple-conference and speaking system for many years.

This conference system designed by the latest digital technology in accordance with IEC914 and ISO standards. It's a high effective Multi-functional meeting system for a meeting or conference, and it's easy to setting-up, debugging and using without training

- Adopting digital audio , hi-fidelity , Build in mute function and easily to setting.
- Capable of telephones connection for remote teleconference.
- LCD display for status information and configuration.
- The CU has Three trunk outputs for the loop-through connection of contribution units.The CU can connect 60 units and possible to connect 30 contribution units to each trunk output.
- Up to 120 Contribution units by add Central control for extension connection of conference units.
- Four operational microphone modes:
  1. Limited mode: allows selection microphones,which can be simultaneously active. (1/3/6)
  2. FIFO mode: delegates can override each other simply by activating their microphones. (1/3/6)
  3. Chairman only mode: only chairman can speak.
  4. Free mode: The entire unit can be activated.
- Number of open microphones between 1 or 3 or 6 (Limit and FIFO mode) and Infinity (Free mode).

## Features

- Adopting digital audio , hi-fidelity , Build in mute function and easily to setting.
- Capable of telephones connection for remote teleconferencing.
- Built-in rack mount kit easy to to store and installed in a standard 19 inches rack.
- LCD display for status information and configuration.
- The CU has Three trunk outputs for the loop-through connection of contribution units.The CU can connect 60 units and possible to connect 30 contribution units to each trunk output.
- Up to 2000 Contribution units by add Central control for extension connection of conference units.
- Four operational microphone modes:
  1. Limited mode: allows selection of one or three or six microphones (excluded chairmen microphones) which can be simultaneously active.
  2. FIFO mode: delegates can override each other simply by activating their microphones. (Note: In FIFO mode, delegates cannot override chairman) allows selection of one or three or six microphones (excluded chairmen microphones) which can be simultaneously active.
  3. Chairman only mode: only chairman can speak.Delegate microphones cannot be activated, even when a chairman is not speaking.
  4. Free mode: The entire unit can be activated.
- Number of open microphones between 1 or 3 or 6 (Limit and FIFO mode) and Infinity (Free mode).
- support 5 buttons voting

## Controls and Indicators

### Front

Power on/off switch.

LCD display for status information and configuration.

1 button (MODE) for select config conference mode.

1 button (^) for setting in conference mode.

1 button (v) for setting in conference mode.

### Interconnections

#### Back

One three-pole XLR balanced audio line output.

1 x Cinch connector pair, Rec output or Aux output.

1 x Cinch connector pair, Line input or Aux input.

3 x Circular din connectors 8P DIN panel female for loop through interconnection.

1 x Circular din connectors 8P DIN panel female for extension connection of conference units.

1 x AC input.

1 x AC input.

1 x RS422 & RS232

3 x video input & 1 x video output

# YC845M Central Controller Unit

## Specifications

Power Supply	AC220V-50HZ
Max Power Consumption	120W
Frequency response	100Hz-14kHz
Input / Output	8P-DIN
Input	MIC 6.3mm RCA
Output	XLRM (Balance ) RCA
Color	Dark Gray
Dimensions	480x325x85 mm
Weight	9.5 Kg



## Diagram



# YC845C Desktop Chairman Discussion Unit



Camera



Vote



Loudspeaker



Discussion

# YARMEE®

- Chairman priority button, When pressed the chairman priority button causes all currently active delegate microphones to be permanently muted.
- Built-in loudspeaker and pluggable microphone.
- The built-in loudspeaker, automatically muted when microphone is on or headphones are connected.
- Rotary volume control for adjusting built-in loudspeaker volume or headphone volume(when headphone connect).
- Light ring indicator on microphone stem, lights up red when microphone is on.
- Microphone button with a red or green illuminated ring LED. Green indicates microphone is active, red indicates request-to-speak not accepted.

YC845 series is a new desktop discussion unit which includes a chairman unit (YC845C) and delegate unit (YC845D). Chairman unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking.

## Features

### Controls and Indicators

- Microphone on/off button.
- Chairman priority button, When pressed the chairman priority button causes all currently active delegate microphones to be permanently muted.
- Rotary volume control for adjusting built-in loudspeaker volume or headphone volume(when headphone connect).
- Built-in loudspeaker and pluggable microphone.
- The built-in loudspeaker, automatically muted when microphone is on or headphones are connected.
- Microphone has "no" indicator (red LED).
- Light ring indicator on microphone stem, lights up red when microphone is on.
- Microphone button with a red or green illuminated ring LED. Green indicates microphone is active, red indicates request-to-speak not accepted.
- With 5 button Voting:1:"ATTEND" 2:"YES" 3:"NO" 4:"ABSTAIN" 5:"RESET"

### Interconnections

- 1x 3.5 mm stereo jack type headphone sockets.
- 1x 3.5 mm mono jack type line in sockets.
- 2 m cable terminated within a circular din connectors 8P DIN cable plug.
- Circular din connectors 8P DIN panel female for loop-through connections.

## Specifications

Power Supply	DC24V supplied by the central unit
Power Consumption	40mA
Interface Type	8P-DIN
Earphone Output	3.5mm stereo jack
Installation	Desktop
Earphone Impedance	8 - 32 Ohm
Connection Mode	Daisy-Chain
Crosstalk Attenuation	>80 dB
Speaker Power	2W
Microphone Type	Condenser
Polar pattern	Ultra Cardioid
Frequency response	100hz-14kHz
Signal-to-Noise Ratio	>80 dB
Sensitivity	-47 dBV/Pa
Length of Microphone	420mm
Color	Silver/Gray Black
Diamensions	W200xH56xD130 mm
Weight	1.1Kg

# YC845D Desktop Delegate Discussion Unit



Camera



Vote



Loudspeaker



Discussion

- Microphone on/off button.
- Built-in loudspeaker and pluggable microphone.
- The built-in loudspeaker, automatically muted when microphone is on or headphones are connected.
- Rotary volume control for adjusting built-in loudspeaker volume or headphone volume(when headphone connect).
- Light ring indicator on microphone stem, lights up red when microphone is on.
- Microphone button with a red or green illuminated ring LED. Green indicates microphone is active, red indicates request-to-speak not accepted.

YC845 series is a new desktop discussion unit which includes a chairman unit (YC845C) and delegate unit (YC845D). Chairman unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking.

## Features

### Controls and Indicators

- Microphone on/off button.
- Chairman priority button, When pressed the chairman priority button causes all currently active delegate microphones to be permanently muted.
- Rotary volume control for adjusting built-in loudspeaker volume or headphone volume(when headphone connect).
- Built-in loudspeaker and pluggable microphone.
- The built-in loudspeaker, automatically muted when microphone is on or headphones are connected.
- Microphone has indicator (red LED).
- Light ring indicator on microphone stem, lights up red when microphone is on.
- Microphone button with a red or green illuminated ring LED. Green indicates microphone is active, red indicates request-to-speak not accepted.
- With 5 button Voting: 1: "ATTEND" 2: "YES" 3: "NO" 4: "ABSTAIN" 5: "RESET"

### Interconnections

- 1x 3.5 mm stereo jack type headphone sockets.
- 1x 3.5 mm mono jack type line in sockets.
- 2 m cable terminated within a circular din connectors 8P DIN cable plug.
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