

YC822M Central Controller Unit



YC822 is a multifunctional conference central unit, which centralized processing and control discussion, Clear sound, hi-fidelity, Build in mute function, can connect 60 units, through extend power can connect 120 units. It supports for multiple meeting modes.

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 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 120 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).
- 6 soft buttons for configuration and control of the Built-in MP3 recorder

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- 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).

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.

YC822M 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 |
| Input impedance | 47 ohm |
| Output impedance | 500ohm |



Diagram



YC822C Desktop Chairman Discussion Unit



- 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.

YC822 series is a new desktop discussion unit which includes a chairman unit (YC822C) and delegate unit (YC822D). 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.

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 |
| Dimensions | W200xH56xD130 mm |
| Weight | 1.1Kg |

YC822D Desktop Delegate Discussion Unit



- 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.

YC822 series is a new desktop discussion unit which includes a chairman unit (YC822C) and delegate unit (YC822D). 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.

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.

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| Power Supply | DC24V supplied by the central unit |
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| Interface Type | 8P-DIN |
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| Installation | Desktop |
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