PeopleLink Wired Digital Conference System

Compact yet versatile design

We are well aware that the main body of the meeting is the participants, so the product design reflects the elegant, yet compact and easy to use features. Common CAT5e connection ensures fast and easy to build any sized meeting occasions, conference unit features a graphical interface operating area, including lighting reminder, anyone can get started quickly. Easy to install, user-friendly to use, and is designed to ensure higher productive meetings.

Excellent sound performance

Advanced voice processing technology, with the unique design of the microphone, this unit can be accurate pickup and restore the human voice through a high-quality built-in speakers or an external PA system, original P-LINK digital ring network technology, Automatic Gain Control Volume (AGC) / automatic frequency control (AFC) technology help reach higher volume without triggering the howling effect, ensures each word spoken is well understood.

Complete easy-handling management

The Central Unit is the center of the system –Provide power to the whole discussion units, control the cameras and link to other third-party devices. The 1U compact design is easily to put anywhere while keep a low profile in meeting room

Simple control with convenient recording

We try to use less buttons to simplify the operation, and a LCD screen helps you monitor real-time action obviously. The USB slot enable it record every important meeting discussion, to file up every contents simply

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Conference System Controller- (PL-CSC)

Features

- The unique P-LINK digital ring network technology achieve full-digital signal transmission and processing.

- All microphone units support audio, ID independent output. Working with voice recognition system to achieve voice role separation

- High-fidelity sound quality by lossless audio transmission technology, 48K audio sampling rate and 20Hz ~ 20KHz.

- "Hand-in-Hand-Loop-Network" connection makes the system always working perfectly no matter changing discussion unit or having any malfunctioned units

- Conference controller can output 16 segment equalized EQ to achieve sound field adjustment; pressure limit, which can recognize the noise gate passed by human voice. AGC automatic volume gain control; AFC automatic feedback suppression and auto-mix technology.

- Sound output by separated zones function, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle.

- Echo cancellation, remote two-way real-time call with another conference controller or another third-party video

- USB recording, controller monitor, advanced noise cancellation technology to realize clearer recording
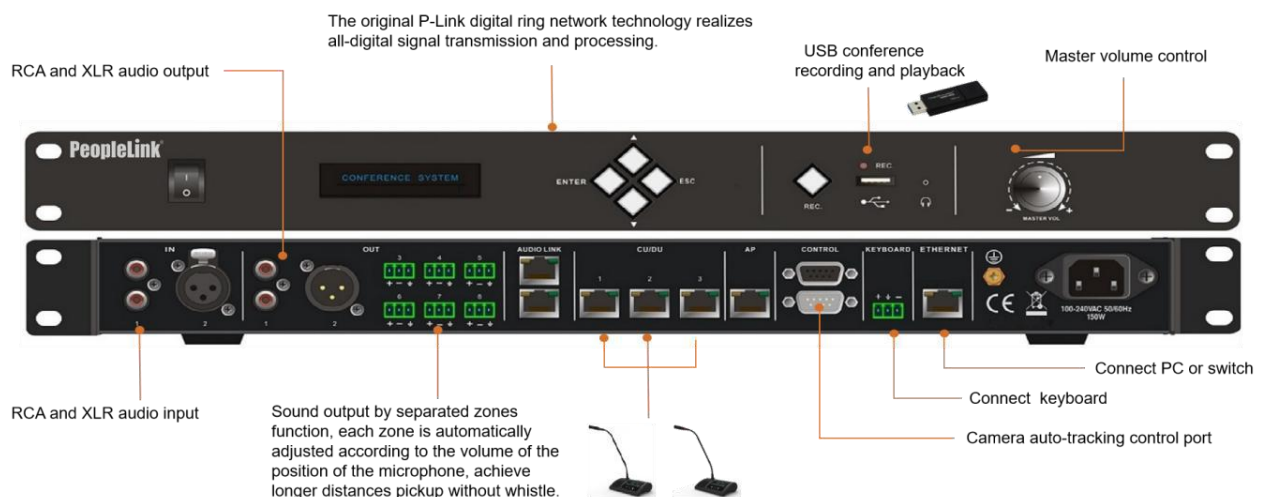
Functions

- Connect with PL-CSC(Conference Controller) full-digital extension main unit, it can expand to 5200 discussion units(By using Multiple External Power Units)

- 2 channel audio input, XLR or RCA type, for local audio input or remote video-conferencing input.

- Maximum 8-channel audio output, XLR, RCA or Phoenix type, can be connected to simultaneous interpretation output or partitioned output.

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- Add the audio input box, the system can be connected to other condenser microphones or dynamic microphones, more choices for users.
- RS232 central control, realize microphone switch, priority, volume and other controls
- RS232 or RS485 to send the PELCO/VISCA protocol to realize camera auto-tracking function.
- Without using PC software, our conference controller still owns
  - ➢ Limit on the number of speaking persons: By Setting the number of active units at the same time,Number is 1/2/4/6/ units.
  - ➢ Discussion modes: "OPEN" Free for all, limited by the active units setting by controller，"VOICE" Can activate MIC by detecting sound without press button, "OVERRIDE" First in First out, "APPLY" To apply then to speak.

Control & Indicators

- LCD display to show all the operations and results
- 4-Way button for menu operate
- One-button press to start recording
- Light indicator
- Master volume control knob

Interfaces

The original P-Link digital ring network technology realizes all-digital signal transmission and processing.

RCA and XLR audio output

USB conference recording and playback

Master volume control

RCA and XLR audio input

Sound output by separated zones function, each zone is automatically adjusted according to the volume of the position of the microphone, achieve longer distances pickup without whistle.

Connect PC or switch

Connect keyboard

Camera auto-tracking control port

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Interfaces

- Front panel USB recording interface
- 3.5mm headphone for monitoring
- 1x RCA audio input
- 1x XLR audio input
- 1x RCA audio output
- 1x XLR audio output
- 6x Phoenix audio output connector
- 2x RJ45 digital audio connection
- 2x RJ45 for chairman unit, delegate unit, unit translators and other connection
- 1x RJ45 for wireless AP or router
- 1x DP9 male interface for external control
- 1x DP9 female interface for camera
- 1x three-pin phoenix interface for camera control keyboard
- 1x RJ45 for computer connection or network switcher
- 1x grounding screw
- 1x 100 ~ 240V AC Power Interface

Technical Parameters

- Power 100V / 240V AC
- Static power consumption 12W
- Maximum power consumption 150W
- Frequency Response 20Hz ~ 20KHz
- Noise ratio (S / N) >96dBA
- Total harmonic distortion <0.05%
- Channel Crosstalk> 85dB
- Dynamic range >94dB
- Ethernet control: RJ45 connected to PC
- Mounting: 19" standard rack
- Dimensions (mm) 483L x 260W x43.6H
- Weight: 3kg

Wired Chairman/Delegate Microphone Unit

Features

- Stylish, low profile design with touchable interface
- Standard CAT5e and RJ45 connectors are used to provide more convenient on project and maintenance.
- The connection cable of units are either hiding underneath or from the rear of the unit, makes it convenient for different request of installation
- Internal high-fidelity loudspeaker
- Head-set interface in both sides with volume adjust
- The unique AUDIO-LINK digital ring network technology achieves full-digital signal transmission and processing, completely avoid the RF interference from cell phone.
- The unit showing time/date on the screen. Timer on display to set certain time for each delegate to speak will remind user or close the

Functions

- High fidelity sound by zero loss audio transmit technology, 48K audio sampling frequency, 20Hz~20KHz response frequency.
- AGC (Automatic Gain Control)/AFC (Adaptive Feedback Cancellation)/ANC (Active Noise Control)/Mix (Auto-Mix) technology.
- Precise cardioid directional microphone capsule with anti-wind microphone foam, with two-color LED indicator.
- Button for MIC ON/OFF, Priority & Apply Answer button for chairman uni.
- Built-in high-fidelity speakers, it automatically mutes to prevent howling when press MIC ON.
- Head-set interface in both sides with volume adjust.
- Without using PC software, our conference controller still owns following settings: Limit on the number of speaking persons: By Setting the number of active units at the same time (Number is 1/2/4/6/ units)
- Discussion modes: "OPEN" Free for all, limited by the active units setting by controller, "OVERRIDE" First in First out, "VOICE" Can activate MIC by detecting sound without press button, "APPLY" To apply then to speak

Control & Indicators

- Each unit with two-color LED indicator, red for speaking on microphone, green means need acceptance from chairman to speak
- 128mm x 32mm OLED display with volume bar, clock, time span of microphone activating, MIC ON/OFF etc. and other information.
- Indicator for Volume adjustment
- Indicator for MIC ON/OFF Chairman unit with priority button and consent button for the delegates

Interfaces

- Pluggable gooseneck microphone base
- 2x 3.5mm stereo headphone jack
- 2x RJ45 connector

Technical

- Button: Touchable interface
- Sound Pickup: heart type capacitance
- Display: OLED display 128mm × 32mm
- Sensitivity: -46 dBV / Pa
- Maximum power consumption: 2.0W
- Directivity: 0 ° / 180 °> 20 dB (1 kHz)
- Headphone load: 16Ω
- Headphone volume: 10mW
- Headphone jack: 3.5mm stereo
- Input impedance: 2kΩ SNR: 70dB
- Frequency response: 20 ~ 20000Hz
- Connection: CAT5 / CAT6 cable + snap
- Equivalent noise: 20dBA (SPL)
- Main material: ABS
- The maximum sound pressure: 125dB (THD <3%)
- Weight: 1.1kg (with microphone)
- Dimension: 195L × 120W× 60H mm (without microphone)
- Operating temperature: 0 ℃ to + 55 ℃ Color: Black

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Pluggable Gooseneck Microphone

Features

- Precise directional microphone head with Mini design
- Two color LED ring indicator
- anti-wind microphone foam cover

Functions

- Two-color LED indicator on microphone, red for speaking, green means need acceptance from chairman to speak
- Screw lock socket to connect removable microphone

Technical Parameters

Directivity - Cardioid

Sensitivity - -46dBV/Pa

Frequency response - 30Hz~20KHz

Equivalent noise - 20dBA (SPL)

Signal-To-Noise Ratio - Ref ≥96dB

Microphone Type - Condenser

Maximum SPL - (1 kHz at 1% THD, 1 kΩ load) 125dB (THD<3%)

Conference unit connection - Mini 6 pin

Input impedance 2 kΩ

Working temperature 0~45℃

Storage temperature -20~50℃

Weight - 80g

Length - 485mm

Extension Main Unit

Control & Indicators

- Power indicator
- Loop through chains indicators
- Repeated chains indicators
- Grounded or Floating switch

Functions

- To achieve loop wired architecture with star wired benefits.
- Get 4 CU/DU channels.
- Work with no noise power supply to achieve "No fan, Noiseless" power enhancing.
- The distance between extension main unit up to 100m

Features

- Expense four chains
- No fan and noiseless design
- Compact profile

Interfaces

- Self-locking DC connector
- 4 x RJ45 loop ports or Microphone ports
- 2x RJ45 Loop

Technical Parameters

- Power: 3A 48VDC
- Dimension: 223x37x92mm (W x H x D)
- Weight: 0.5K

Ordering Information

Part codes

PeopleLink Chairman Delegate Conference System Controller	: **PL-CSC**
PeopleLink Wired Chairman Microphone Unit	: **PPU-WR-CHU**
PeopleLink Wired Delegate Microphone Unit	: **PPU-WR-DLU**
PeopleLink Extension Unit	: **PPU-EXM**

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