

## Conference System **CS-300**



This is a professional, plug and play, turn-key solution to both your microphone and sound needs. It is ideal for panel discussions, plenary sessions, press conferences, and more.

It can also be used to enhance sound quality of videoconferences (Zoom, Skype, Microsoft Teams, etc.) with the USB adapter pack add-on. The CS-300 can be configured for groups of different sizes.



# Components

## CU-300 Control Unit

The control unit is the core of the discussion system. It controls and provides power to the delegate and chairman units. Each control unit can handle up to 50 microphone units and a maximum of 150 microphones with 3 control units can be interconnected.



## CH-300 Chairman Unit

The chairman unit allows the chairperson or moderator to participate in a discussion by speaking through a microphone. It not only provides the same functions as the delegate unit, but also features a “priority button,” which enables the chairperson to control the discussion by temporarily or permanently overriding and deactivating all active delegate units. Each chairman unit comes with a 6.6 ft cable attached.

## DU-300 Delegate Unit

Delegate units allow attendees to participate in a discussion by speaking through a microphone controlled by an ON/OFF push button. They can also listen to the discussion through the internal loudspeaker or the external headphone, similarly to the chairman unit. Each microphone comes with a built-in speaker. Microphone units can be connected in daisy chain to one another. A 6.6 ft cable is attached to each unit. You may need additional extension cables depending on the system layout.



# Accessories

**Cases:** There are 2 models of carrying and shipping cases for the CS-300 system. They are strong, waterproof, impact resistant, crushproof, dustproof, and are made of lightweight NK-7™ resin.



## CAS-306U

For up to 6 DU-300 and/ or CH-300 microphone units, 1 CU-300 control unit and a pouch for cables.

## CAS-308

For up to 8 DU-300 and/ or CH-300 microphone units and a pouch for cables.



## CBL-300 Extension Cables

Extension cables are available in 9.8ft (3m), 16.4ft (5m), 32.8ft (10m) and 65.6ft (20m). Cables can be interconnected for longer lengths. Extension cables are recommended for greater flexibility in different microphone layouts.

## USB Adapter Pack

Required to connect the control unit to a computer, and thus easily set up a remote meeting through Zoom, Skype, Microsoft Teams or other platforms for teleconferencing.





# System Set-up

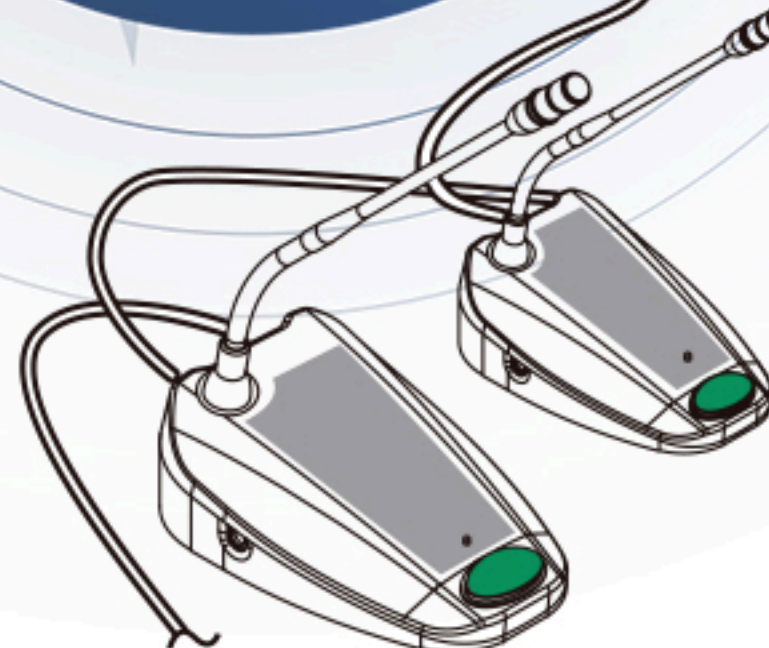
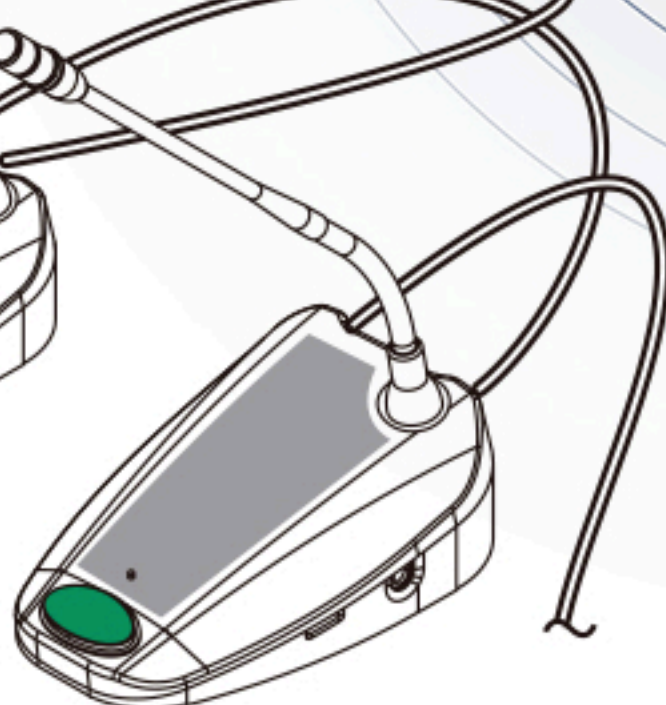
**CU-300**



**CH-300**

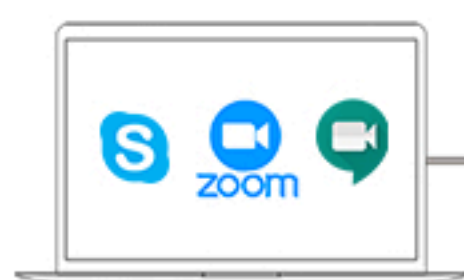


**DU-300**



**50 per control unit (CU-300)**

The CS-300 Conference and Discussion System can be used with up to 150 units



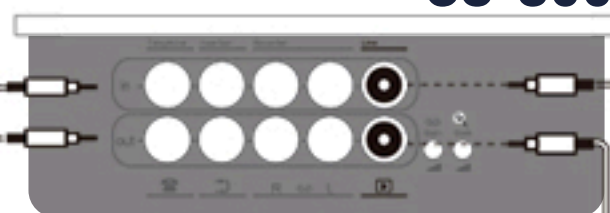
**Teleconference Equipment**

**External PA System**



**Wireless Microphone**

**CU-300**



**Connection to other equipment**





# Technical Specifications

## CU-300 Control Unit

- Operating voltage: 100-240 VAC, 50/60 Hz (auto-switching)
- Current consumption: MAX 0.9A (100VAC) 0.3A (240VAC)
- DC supply to contribution units:  $\pm 15V$
- Line, Telephone Coupler and Insertion In/Outputs (Unbalanced)
  - Input sensitivity: -14dBV/+11dBV
  - Input impedance: 33K $\Omega$
  - Output level: -14dBV/+11dBV
  - Output impedance: 500 $\Omega$
- Recorder In/Out (Unbalanced)
  - Input sensitivity: -20dBV/+5dBV
  - Input impedance: 47K $\Omega$  (for L & R channel)
  - Adjustment: -20dBV/+5dBV
  - Output level: +0/-30dB
  - Output impedance: 500 $\Omega$
- External Microphone Input (Balanced)
  - Input sensitivity: -56dBV
  - Adjustment: +6dB/-6dB
  - Phantom Power: 12V $\pm$ 1V, 2 x 680 $\Omega$  ( $\pm$ 2%)
  - Output connection: 3.5mm stereo jack
- Headphone Output
  - Output level: -8dBV/+2dBV
  - Output Impedance: 22 $\Omega$

## CH-300 Chairman Unit & DU-300 Delegate Unit

- Gooseneck Microphone:
  - Type: Electret Condenser
  - Frequency response: 50 to 18,000Hz
  - Polar pattern: Cardioid
  - Max. SPL for 1% THD: 125dB
  - Gooseneck length: 15" / 40 cm

## System Limits:

Number of delegate/chairman units connected to a single control unit:

- Maximum total: 50
- Maximum per trunk output: 25
- Maximum cable length per trunk: 328 ft (100m) including the 6.6 ft (2m) cable attached to each unit.

Maximum number of interconnected control units: 3 for a maximum of 150 microphone units.

[USER MANUAL](#)

[FAQs](#)



# Available Packages

## CS-300-08 (8 person)

- (7) DU-300 Delegate Units (each delegate unit comes with a 6.6ft (2m) cable attached)
- (1) CU-300 Control Unit
- (1) CH-300 Chairman Unit
- (1) 32.8 ft (10m) CBL300-10 extension cable
- (2) 16.4 ft (5m) CBL300-05 extension cable

SHOP CS-300-08

## CS-300-15 (15 person)

- (14) DU-300 Delegate Units (each delegate unit comes with a 6.6ft (2m) cable attached)
- (1) CU-300 Control Unit
- (1) CH-300 Chairman Unit
- (1) 32.8 ft (10m) CBL300-10 extension cable
- (2) 9.8ft (3m) CBL300-03 extension cable
- (1) 16.4 ft (5m) CBL300-05 extension cable

SHOP CS-300-15

## CS-300-18 (18 person)

- (17) DU-300 Delegate Units (each delegate unit comes with a 6.6ft (2m) cable attached)
- (1) CU-300 Control Unit
- (1) CH-300 Chairman Unit
- (1) 32.8 ft (10m) CBL300-10 extension cable
- (4) 16.4 ft (5m) CBL300-05 extension cable

SHOP CS-300-18

## CS-300-6USB (6 person)

- (5) DU-300 Delegate Units (each delegate unit comes with a 6.6ft (2m) cable attached)
- (1) CU-300 Control Unit
- (1) CH-300 Chairman Unit
- (1) 9.8ft (3m) CBL300-03 extension cable
- (2) 16.4 ft (5m) CBL300-05 extension cable
- (1) USB to RCA PC/MAC adapter
- (2) RCA Y cables

SHOP CS-300-6USB



MOST POPULAR

**Important:** Packages can be customized for other quantities