

# SHURE<sup>®</sup>

LEGENDARY  
PERFORMANCE™

Discussion and Conferencing

# DIS-CCU CENTRAL CONTROL UNIT

## Quickstart Guide



## Quick Setup Guide

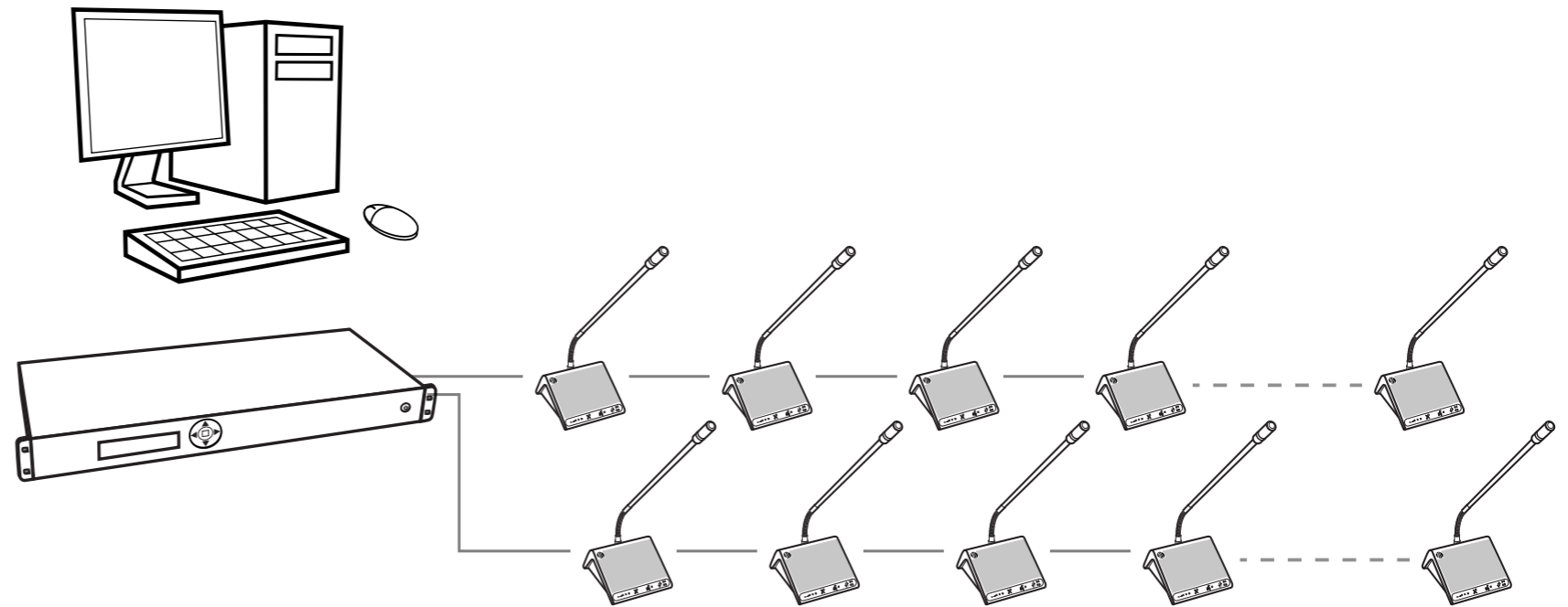
This quick setup guide applies to most DDS 5900 Discussion System installations with up to 50 microphone units.

To operate with the DCS-6000 Conference System, simply add a feature license to the DIS-CCU. See the Shure website for information on obtaining and installing a license.

**Important:** Do not turn on the CCU until all microphone units are connected.

### Online Manuals

For more information, refer to the full system manuals available on [Shure.com](http://Shure.com).



# System Overview

## ① Central Control Unit (CCU)

System processor: provides power and control to the microphone units, analog audio inputs and outputs for external equipment, and a web server to access the DDS 5900 web interface for complete system control.

## ② Microphone units

Participants use the microphone units to speak and listen to other members of the event. Available in two types:

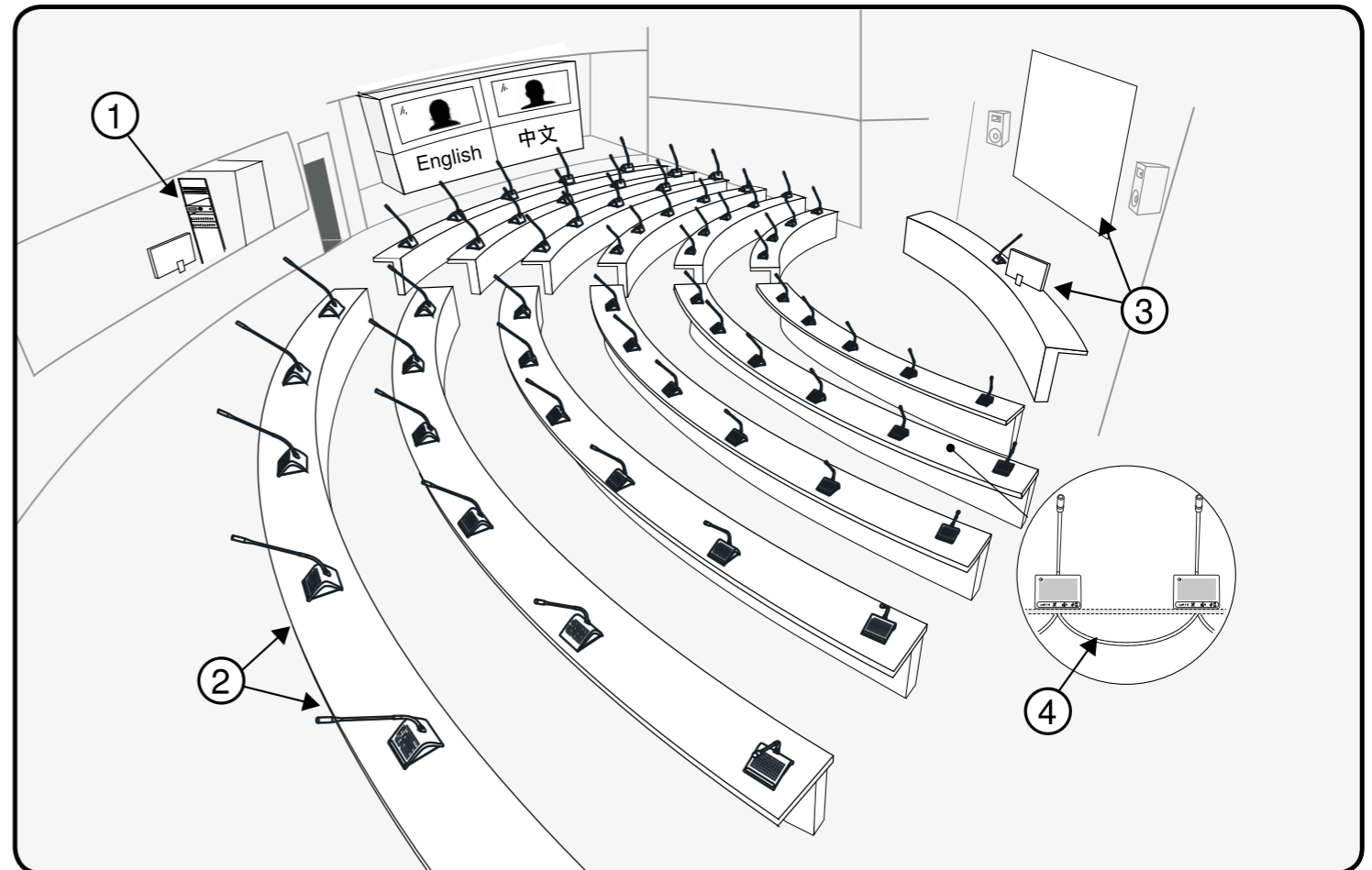
- **DC 5980 P portable unit:** Integrated unit that sits on the table surface. It is programmable as chairman, delegate, or interpreter.
- **DC 5900 F flushmount unit:** Modular unit that installs into the table. It is programmable as chairman or delegate.

## ③ Browser Interface

Provides full control, set up, and monitoring of the discussion. Accessible from a computer or tablet networked with the CCU.

## ④ Shielded Cat5e cables (not included)

Used to connect DIS devices. Visit the Shure website for information on high-quality, Shure pre-tested cables in various lengths from 0.5 m to 100 m.

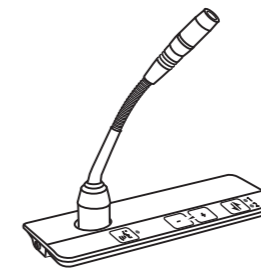
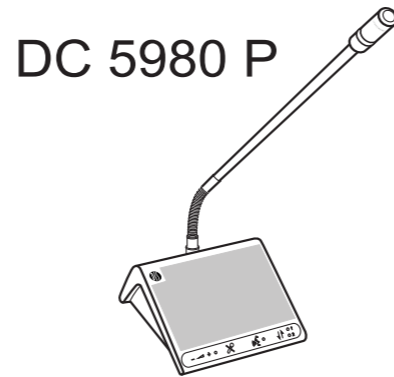




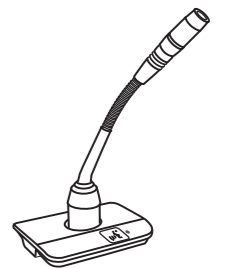
# Select the Button Overlay

Button overlays vary to support multiple user roles:

- ① Chairman
- ② Participant
- ③ Interpreter (DC 5980 P only)



DC 5900 F



①

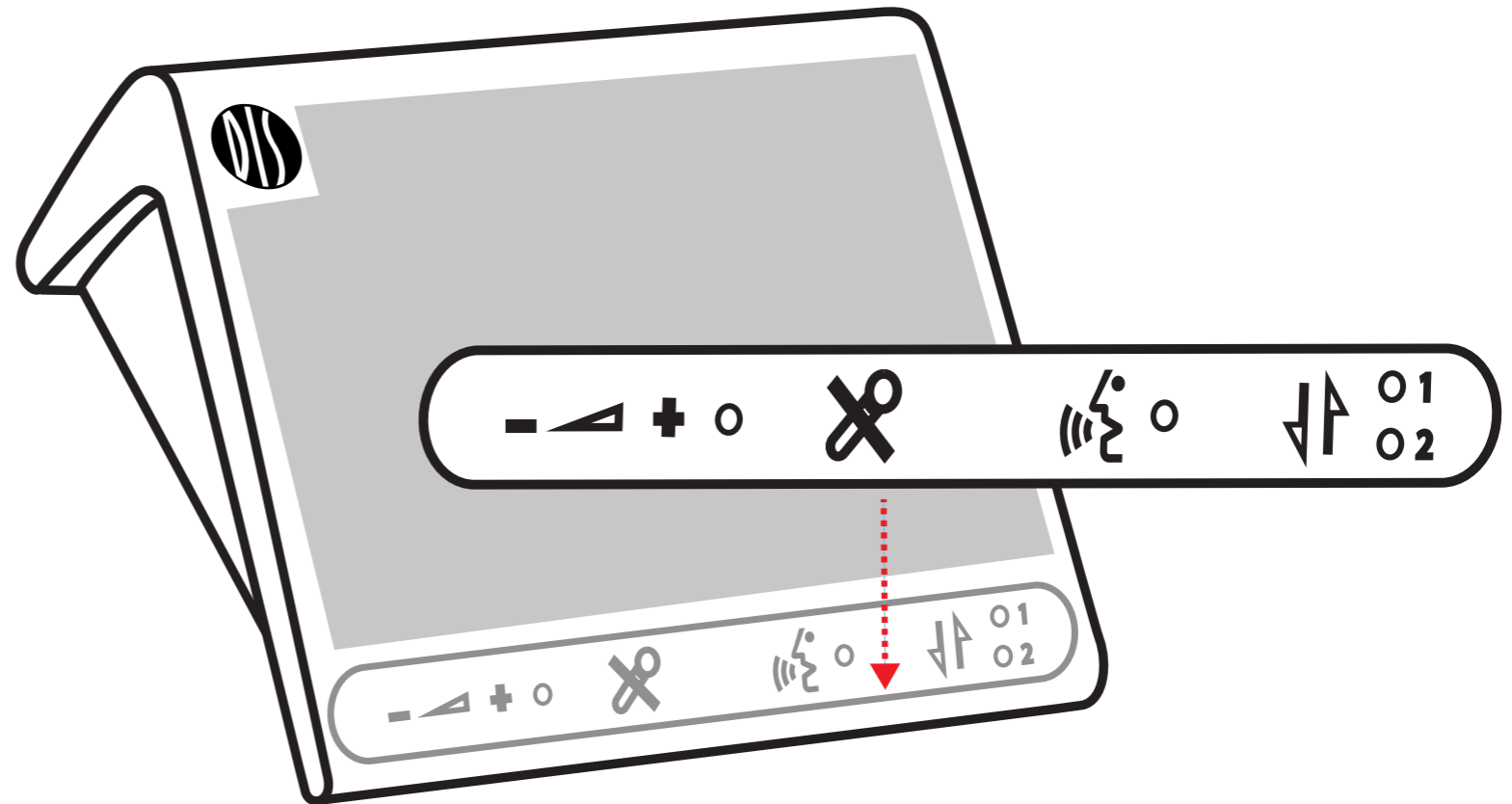
②

③

## Attach the Overlay

Remove the adhesive back and carefully place the overlay on the unit.

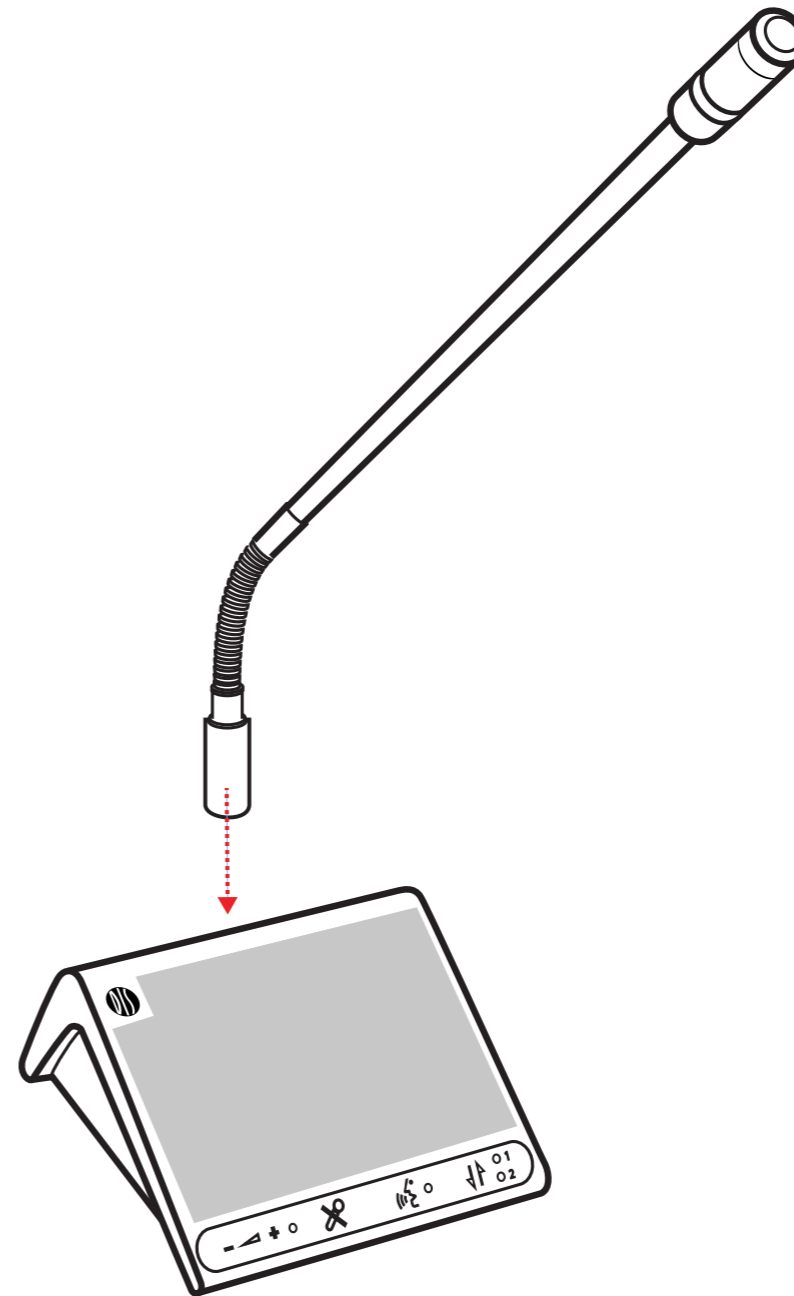
**Note:** Overlays are not reusable.





## Insert the Microphone

**Tip:** Lock the microphone using the supplied hex key.

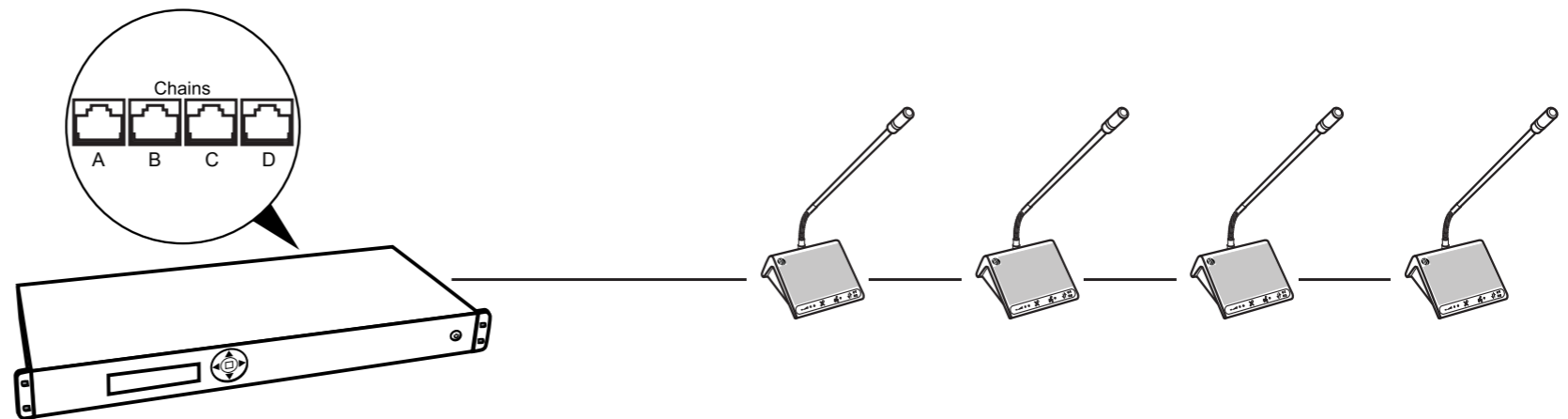




## Connect the CCU to the Microphone Units

1. Use the DCS-LAN outputs on the CCU to connect to the first unit.
2. Connect each unit to the next for the remainder of the units.

**Important:** Always use shielded Cat5e cables or higher.

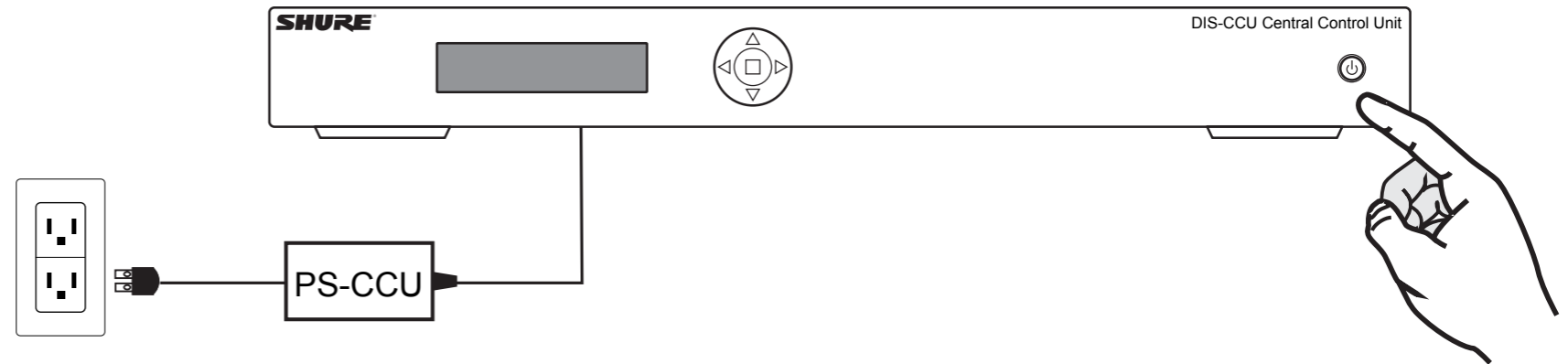


Shielded Cat5e cable



## Power On the CCU

1. Use the PS-CCU power supply to connect the CCU to an AC power source.
2. Press the power button and wait for the system to power on completely.







## Program the Microphone User Role

### DC 5900 F

The button overlay automatically programs the user role.

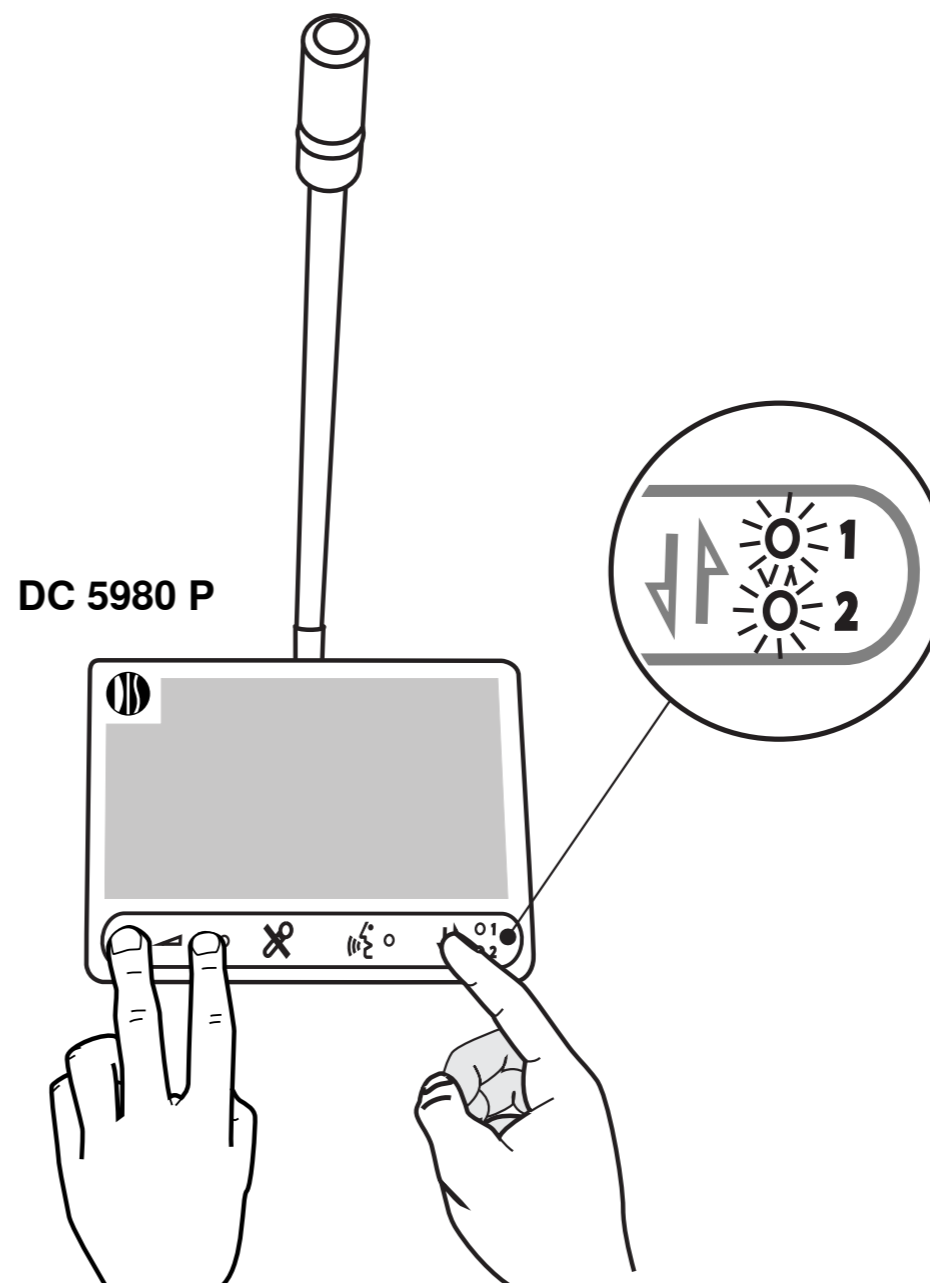
### DC 5980 P

Manually program the unit to match the button overlay:

- Press and hold the volume buttons '-' and '+' until the 'Speak' LED flashes (~3 seconds). Continue to hold.
- While holding, press the channel button to toggle between unit types. The type is indicated by the channel LEDs:

User Role	Channel 1	Channel 2
Participant with mute button	Off	Off
Participant without mute button	On	Off
Chairman	Off	On
Interpreter	On	On

- Release the buttons and wait until the unit restarts.

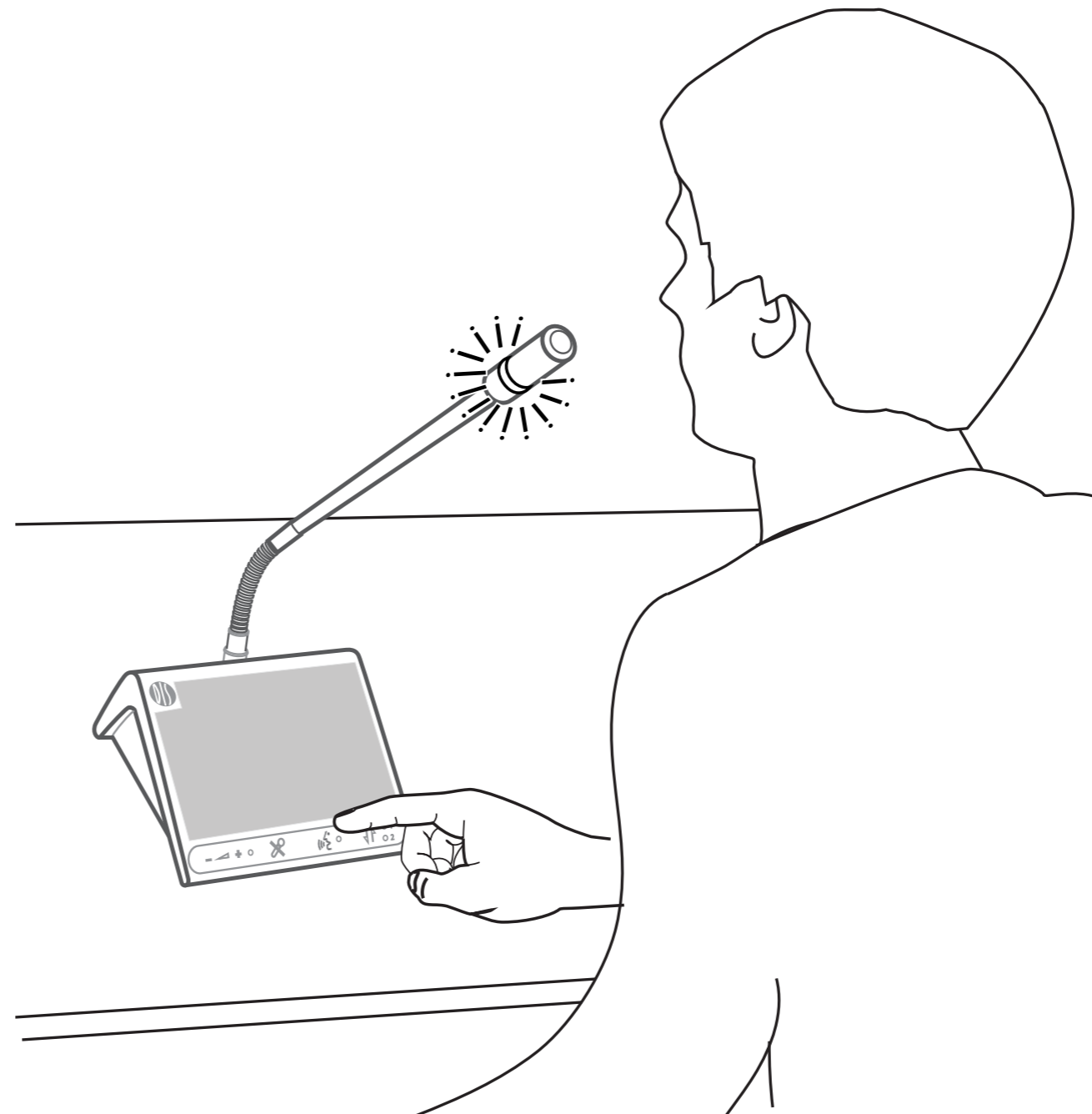




## Test the Microphone Audio

Turn on a microphone unit to test the audio. The LED illuminates red and the audio is distributed to the other units' loudspeaker.

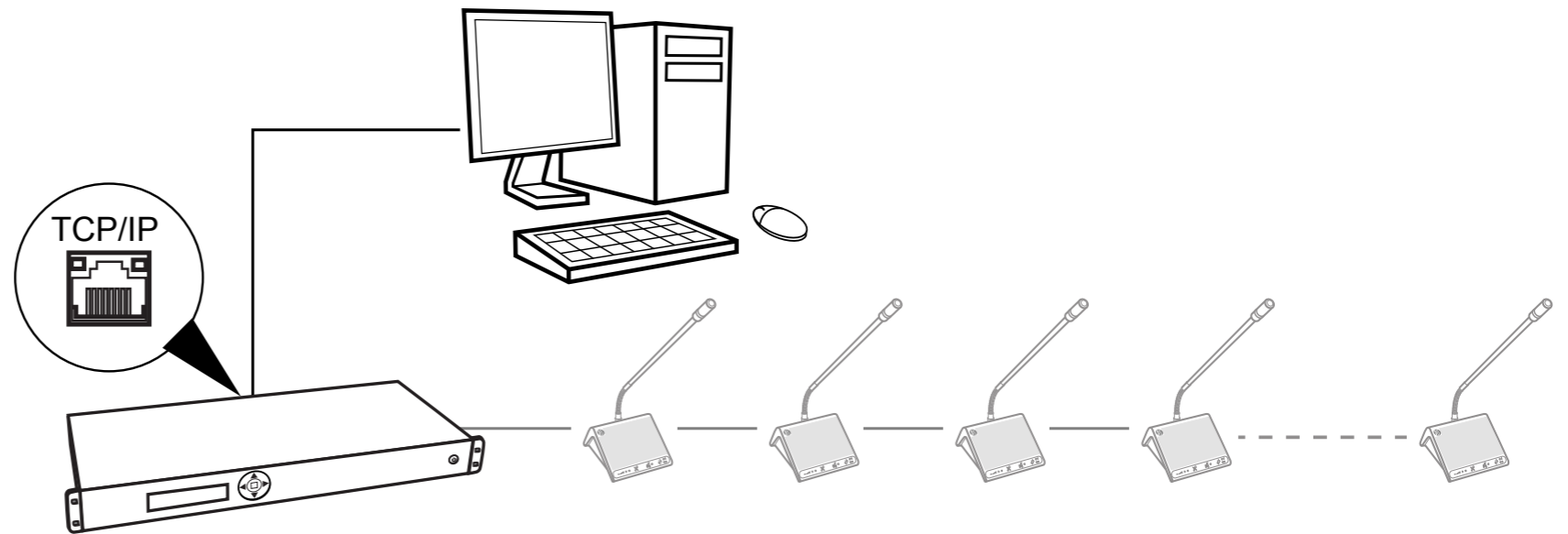
**Note:** The system defaults to Auto (automatic) speaker mode, allowing participants to control their own microphone. See the full manual online for information on other speaker modes.





## Connect a Computer to the CCU

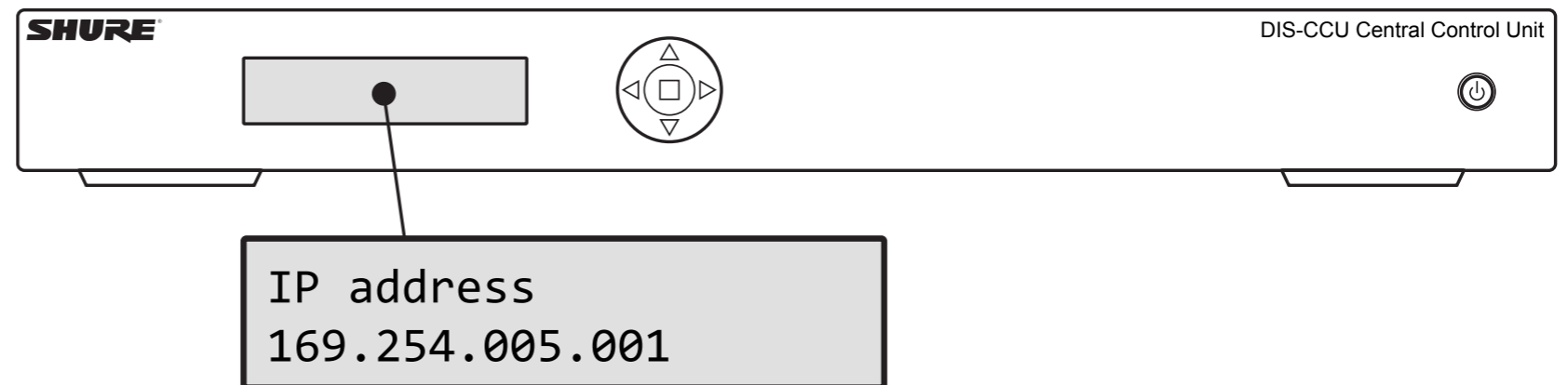
Use the TCP/IP port on the CCU to connect a computer for system control from a web browser.





## Note the IP Address of the CCU

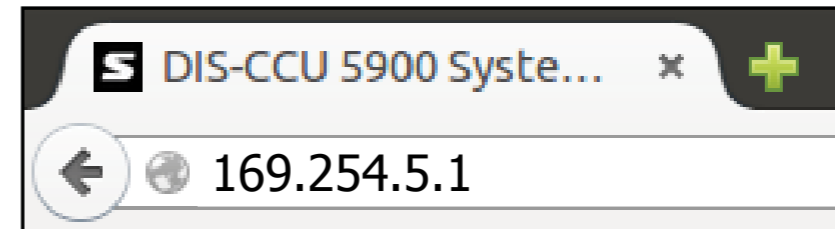
Use the menu on the CCU front panel: LAN setup > IP Address > Setup IP address.



## Open the Web Interface

Type the IP address of the CCU into a browser window on the computer to access the system interface.

**Note:** Remove any zeros before a number within an octet. For example, for an IP address that displays on CCU menu: 169.254.005.001, type into the browser URL bar: 169.254.5.1



 A screenshot of the "DIS-CCU 5900 System Setup" web interface. The browser title is "DIS-CCU 5900 System Setup - Mozilla Firefox". The address bar shows "169.254.5.1". The interface has a dark theme with a sidebar on the left containing menu items: Microphone Control, Operation, Audio, Configuration, System (selected), System Status, License, LAN Setup, Security, Language, Factory Defaults, and Diagnostics. The main content area is titled "DIS-CCU 5900 System Setup" and contains two sections: "Unit Count" and "System Status".
 

Chain	Found	Lost
A	2	0
B	4	0
C	0	0
D	0	0

Serial Number	Chain	Type	State
004.169.139	A	DC59xx DM	Active
004.170.017	A	DC59xx DM	Active
001.127.085	B	6000 Unit	Locked-Incomp unit
000.010.107	B	6000 Unit	Locked-Incomp unit
001.163.044	B	6000 Unit	Locked-Incomp unit
001.097.246	B	6000 Unit	Locked-Incomp unit

Serial Number: 004.169.139

Remove Unregistered Units

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