DDS 5900 Digital Discussion System

# WHAT GREAT SOUND LOOKS LIKE

# Raise your expectations, not your voice.

Whether your meetings let people innovate, educate, or legislate, effortless and effective communication is key to getting the job done.

With clear sound and simple setup, the Shure DDS 5900 Digital Discussion System makes it easy to hear and be heard, without shouting or straining.

The DDS 5900 combines the microphone, loudspeaker, interpretation audio, and user controls in an integrated system. Now with a choice of both flush-mount and portable discussion units, the DDS 5900 enables meeting participants to hear each other clearly or join in videoconferences. Easy to configure and expand, the DDS 5900 is equally at home in historic buildings and contemporary meeting spaces. It's the ideal all-in-one audio solution for:

- Corporate meeting rooms
- City councils and regional government bodies
- Educational institutions
- Courtrooms
- Non-profit organizations

## Why use a discussion system?

**Sound Quality**
The DDS 5900 system delivers consistent sound quality everywhere in the room, regardless of room size or acoustic conditions.

**Convenience**
Microphones can be voice-activated, push-to-talk, or controlled by the meeting leader. A light ring on each microphone indicates who is speaking.

**Control**
Control the system using your smartphone, tablet, PC, or a third-party room control system.

**Scalable Hardware**
The DDS 5900 system can be expanded to accommodate up to 250 users as your needs grow.

**Global Capability**
The DDS 5900 allows for simultaneous interpretation of two additional languages heard through headphones connected to the discussion unit.

**Complete Flexibility**
Add wireless microphones for presenters, an audio recorder, or an external PA system for the audience as needed.

**Plug-and-Play Simplicity**
Discussion units connect in a 'daisy-chain' using standard shielded CAT5e cables, so setup is quick and easy.

**Secure Audio Transmission**
The system is fully digital, and audio is scrambled to prevent eavesdropping.

# DDS 5900 Flush Mount Components

## Base Unit

**DC 5900 F**
Base Unit
- Installs in 2-1/8 inch (53 mm) hole
- Attaches to table from top; cables connect on bottom

## Front Plates

**FP 5921 F**
Front Plate
- Attaches to top of base unit
- Automatic configuration as Chairman or Delegate unit

**FP 5981 F**
Front Plate
- Attaches to top of base unit
- Automatic configuration as Chairman or Delegate unit
- 3.5 mm earphone jack with volume control for monitoring floor language or translation

## Button Overlays

The overlay affixed to the front plate configures the unit as a Chairman or Delegate and determines which features are available to the user.

**FP 5921 F OL 1**
Delegate with SPEAK and MUTE buttons

**FP 5921 F OL 2**
Delegate with SPEAK button

**FP 5921 F OL 3**
Chairman with SPEAK and DELEGATES OFF buttons

**FP 5921 F OL 4**
Delegate with no buttons

**FP 5981 F OL 5**
Delegate with SPEAK, MUTE, HEADPHONE VOLUME, and CHANNEL SELECTION buttons

**FP 5981 F OL 6**
Delegate with SPEAK, HEADPHONE VOLUME, and CHANNEL SELECTION buttons

**FP 5981 OL 7**
Chairman with SPEAK, DELEGATES OFF, HEADPHONE VOLUME, and CHANNEL SELECTION buttons

## Gooseneck Microphones

**GM 5923** Cardioid 16 inch (40 cm)
**GM 5924** Cardioid 20 inch (50 cm)
- Red LED indicates mic is active
- Flexible at bottom; rigid at top

**MX405 R/LP** 5 inch (13 cm)
**MX410 R/LP** 10 inch (25 cm)
**MX415 R/LP** 15 inch (38 cm)
- Red LED indicates mic is active
- Flexible at top; rigid at bottom
- Requires mic cartridge sold separately (R183 omni, R184 supercardioid, or R185 cardioid)
- Requires AC 5901 adapter; not compatible with DC 5980 P portable discussion unit

## Loudspeaker

**LS 5900 F Loudspeaker**
- Installs in 2-1/8 inch (53 mm) hole
- Attaches to table from top
- Connects to base unit from underneath via attached cord with modular connector

## DDS 5900 Portable Components

### DC 5980 P
Discussion Unit

With its compact table top design and soft-touch buttons, the DC 5980 P enables for meeting participants to activate or mute their microphone. The high-quality loudspeaker makes it easy to hear everything, and a built-in headphone jack with volume control provides access to the two interpreter channels. The DC 5980 P can be configured as a Chairman, Delegate, or Interpreter unit.

## DDS 5900 Headphones

### DH6021
Stereo Headphone

### DH6225
Earclip Headphone

### DH6223
Stethoscopic Headphone

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## DDS 5900 System Components

### DIS-CCU
Central Unit

The DIS-CCU is the “brain” of the DDS 5900 system. It powers up to 60 discussion units, and can control up to 250 units. It keeps track of microphone activation, encrypts the audio, and routes floor and interpreter audio to each discussion unit. Two extra inputs let you add a presenter wireless mic or audio playback; extra outputs can connect to a videoconferencing system, audio recorder, or audience PA system.

### Included Browser-Based Interface
Accessible from your smartphone, tablet, or PC*

Before the meeting, select the microphone activation mode, enter the names of meeting participants, and configure external audio inputs and outputs.

During the meeting, the meeting leader or an administrator can monitor and control microphone activation from the screen.

** Smartphones and tablets require WiFi access point, not included*

## DC 5900 F Flush Mount Discussion Unit

For permanent installations that demand a sleek appearance, the DC 5900 F Flush Mount Discussion Unit offers a compact footprint with no visible wiring.

The DC 5900 F uses an innovative modular design that provides numerous configuration options to suit a wide variety of applications.

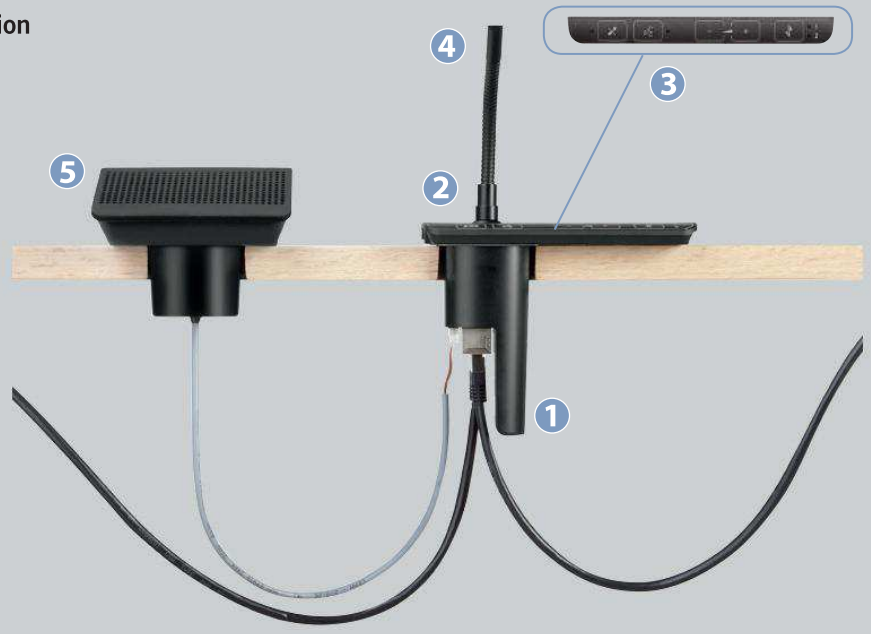
### Automatic Configuration

The DC 5900 F is the first conferencing unit to automatically configure itself as a Chairman or Delegate unit. Sensors in the front plate detect which button overlay has been attached, which dictates how the unit operates.

### Microflex® Microphone Compatibility

The DC 5900 F discussion unit is compatible with GM-series gooseneck microphones and selected Microflex gooseneck models (adapter required). This gives system designers expanded options to select the most appropriate polar pattern and gooseneck length for the room acoustics and table layout.

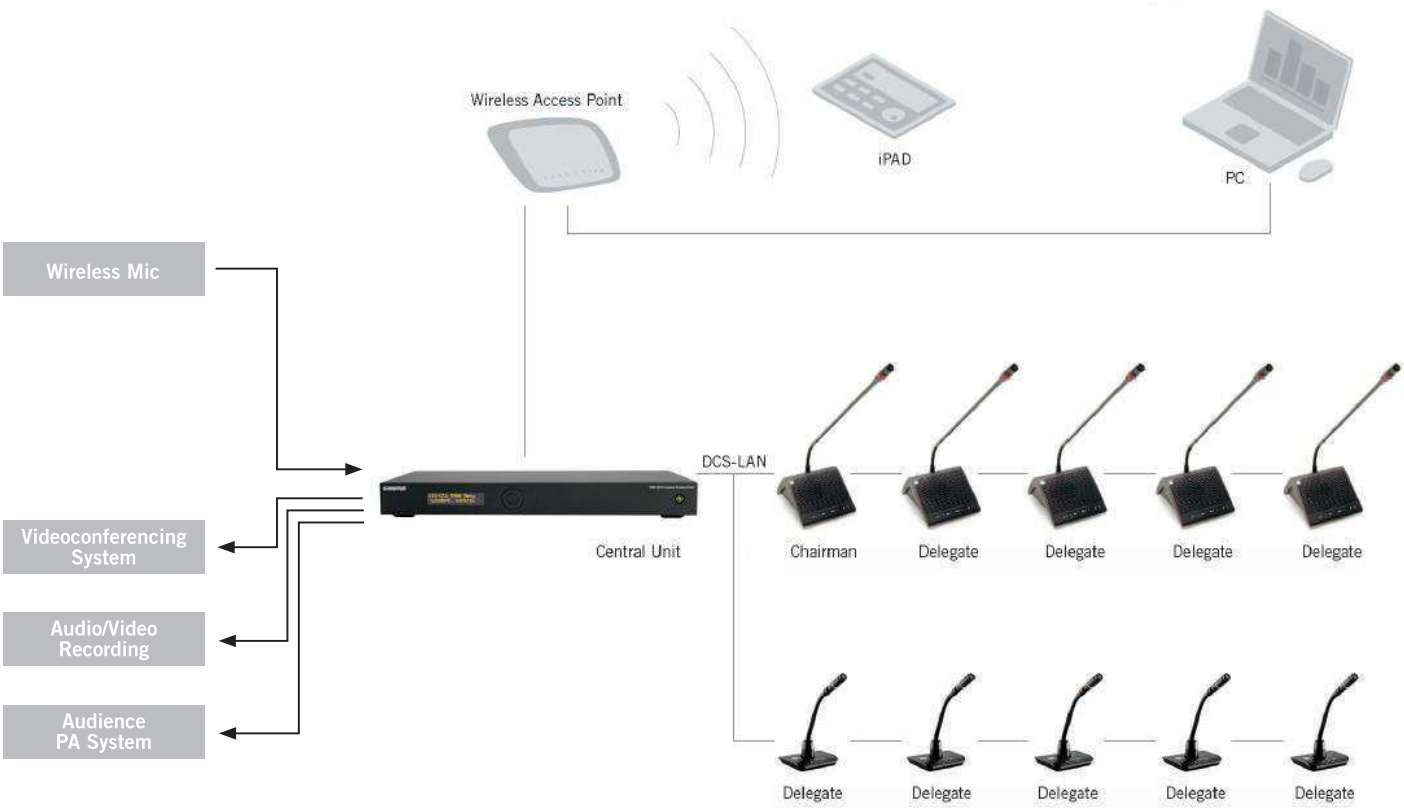
### Flush Mount Discussion Unit Configuration




1. A base unit mounts securely in a round hole drilled in the table surface.
2. A front plate – available with or without interpretation audio monitoring - attaches to the base unit.
3. A button overlay attaches to the front plate, providing user controls and indicators.
4. A gooseneck microphone plugs into the base unit, and can be locked in place.
5. An optional loudspeaker mounts to the table, and provides sound reinforcement.

## DDS 5900 Specifications (Note: All specifications subject to change.)

| | | |
|---|---|---|
| SYSTEM | Maximum # of units | Up to 60 (powered by 1 DIS-CCU)<br>Up to 250 (with additional equipment) |
| DIS-CCU CENTRAL UNIT | DCS-LAN Connection | RJ45 (4) |
| | Analog Audio Input | XLR-3 female, line level |
| | Analog Audio/Emergency input | XLR-3 female, line level |
| | Analog Audio Outputs | XLR-3 male, line level (8) |





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