The innovative ENERSOUND CS-300 Conference and Discussion System is equipped with a high-quality ECM capsule, intelligent automatic mixing technology and integrated acoustic and mechanical design, providing a turn-key solution and delivering consistently natural, feedback-free audio performance in any environment.

The CS-300 Conference and Discussion System is ideal for discussions and meetings of up to 150 people.

A CS-300 Conference and Discussion System consists of:
- 1) Control and power supply unit (CU)
- Maximum of (50) delegate or chairman units
- Peripheral audio and/or telecommunication equipment

The CU-300 (Control Unit) is the core of the discussion system, which controls the microphones of the chairman and delegate units as well as the other audio input and output. It also supplies the power for up to 50 delegate and chairman units.

The DU-300 (Delegate Unit) enables attendees to participate in a discussion by speaking through a microphone controlled by a microphone ON/OFF push-button and listening to the discussion through the internal loudspeaker or external headphone.

The CH-300 (Chairman Unit) not only provides the same function as the delegate unit, but also supports the addition of a "priority button," which enables the chairman to control the discussion by temporarily or permanently overriding and deactivating all active delegate units.

Technical Specifications

Control Unit CU-300
Operating voltage: 100-240 VAC, 50/60 Hz (auto-switching)
Current consumption: MAX 0.9A (100VAC) 0.3A (240VAC) DC supply to contribution units: ±15V Line, Telephone Coupler and Insertion

In/Outputs (Unbalanced)
- Input sensitivity: -14dBV/+11dBV (nominal/maximum)
- Input impedance: 33Kohm
- Output level: -14dBV/+11dBV (nominal/maximum)
- Output impedance: 500ohm

Recorder In/Out (Unbalanced)
- Input sensitivity: -20dBV/+5dBV (nominal/maximum)
- Input impedance: 47Kohm (for L & R channel)
- Adjustment: -20dBV/+5dBV
- Output level: +0/-30dB
- Output impedance: 500ohm

External Microphone Input (Balanced)
- Input sensitivity: -56dBV
- Adjustment: +6dB/-6dB
- Phantom Power: 12V+/-1V, 2 x 680ohm (+/-2%)
- Output connection: 3.5mm stereo jack

Headphone Output
- Output level: -8dBV/+2dB
- Output Impedance: 22ohm

Chairman Unit CH-300 & Delegate Unit DU-300
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 CU
- Maximum total: 50
- Maximum per trunk output: 25
- Maximum trunk length using CU-300: standard cabling: 100m (328’) including the 2 m cables attached to each unit

A Service Oriented Company
Enersound is a leading manufacturer dedicated to developing and manufacturing high-quality simultaneous interpretation, tour guide, assistive listening, conference and discussion systems. Enersound is committed to satisfying its customers’ conferencing and hearing assistance needs by providing the highest standards in quality and service at an affordable price.