

# telecor™

## Controlled Discussion System

CDS-DU  
Delegate Unit

### FEATURES

- Compact, Attractive Design
- LED Ring Luminant
- Built-In Loudspeaker
- Centrally Set Operating Parameters for each Unit
- Illuminated Request-to-Speak Button
- Microphone with Flexible Stem
- Headphone/Recording Jack
- Real Time Unit Programming over Digital Data Bus

### DESCRIPTION

The CDS-DU is a portable Delegate Unit. It is equipped with a request-to-speak button, a gooseneck microphone, and a loudspeaker. Delegates are able to register a request to speak, to listen, and to speak to other members participating in conference activities.

The electret microphone has a uni-directional polar pattern which reduces undesirable off-axis pick-up, while providing outstanding gain before feedback. The microphone is mounted onto a semi-rigid gooseneck arm which allows the user to optimally position the microphone while speaking and remaining comfortably seated.

The Delegate Unit is equipped with a request-to-speak button which allows the delegate to place a request to speak. This button can be assigned one of four priority levels, which determines the hierarchy of access to the floor for participation. The button illuminates to provide confirmation to the delegate that the request has been registered. A ring luminant incorporated into the microphone housing provides an indication that a delegate has been placed in queue with a short, unobtrusively "blink" illumination every 8 seconds. The ring luminant illuminates steadily when the microphone is live, providing an indication to the delegates as to which delegate has the floor.

The Unit's loudspeaker is positioned on axis with the listener, providing exceptional sound reproduction and intelligibility while reducing feedback. It is automatically muted when the microphone is on. A headphone jack provides for the ability to listen to activities through headphones or to record locally. Operating parameters such as Priority, VOX, Talk Limit, Microphone/Speaker Enable, etc., can be set independently for each Unit at the Unit Controller. Changes may even be accomplished in real time because the delegate units are updated over the digital data bus. This unique capability allows you to fine tune the operation of the system to best suit the needs of a particular conference application.

Delegate Units are connected in a "daisy chain" style, connecting each Unit to the next. A six-foot (1.8 m) cable is supplied with each unit for interconnections.

### ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The Delegate Unit shall be a Telecor model CDS-DU or approved equal. It shall be a portable Delegate Unit equipped with a request-to-speak button, a gooseneck microphone, and a loudspeaker. Delegates shall be able to register a request to speak, to listen, and to speak to other members participating in conference activities.

The electret microphone shall have a uni-directional polar pattern which shall reduce undesirable off-axis pick-up, while providing outstanding gain before feedback. The microphone shall be mounted onto a semi-rigid gooseneck arm which shall allow the user to optimally position the microphone while speaking and remaining seated.

The Delegate Unit shall be equipped with a request-to-speak button which shall allow the delegate to place a request to speak. This button shall be assigned one of four priority levels, which determines the hierarchy of access to the floor for participation. The button shall illuminate to provide confirmation to the delegate that the request has been registered. A ring luminant shall be incorporated into the microphone housing which shall provide an indication that a delegate has been placed in queue with a short, unobtrusively "blink" illumination every 8 seconds. The ring luminant shall illuminate steadily when the microphone is live, providing an indication to the delegates as to which delegate has the floor.

The Unit's loudspeaker shall be positioned on axis with the listener, providing exceptional sound reproduction and intelligibility while reducing feedback. It shall be automatically muted when the microphone is on. An output jack shall be provided for the ability to listen to activities through headphones or to record locally. Operating parameters such as Priority, VOX, Talk Limit, Microphone/Speaker Enable, etc., shall be able to be set independently for each Unit at the Unit Controller. Changes shall be accomplished in real time over the digital data bus. This shall allow you to fine tune the operation of the system to best suit the needs of a particular conference application.

Delegate Units shall be connected in a "daisy chain" style, connecting each station to the next. A six-foot (1.8 m) cable shall be supplied with each Unit for interconnections.



### CDS-DU SPECIFICATIONS

|                        |   |
|------------------------|---|
| Frequency Response:    | 100 Hz to 15 kHz +/- 1dB                                  |
| Signal-to-Noise ratio: | Better than 70 dB   |
| Microphone             |   |
| Transducer type:       | electret  |
| Polar Pattern:         | cardioid  |
| Sensitivity:           | -63 dBV/Pa  |
| Loudspeaker            |   |
| Power Handling:        | 1.5 W   |
| Max SPL:               | 95 dB @ 1 ft (1.5 W input)                                |
| Supply Voltage:        | 17-26 VDC   |
| Current:               | 60 mA nominal, 80 mA max                                  |
| Controls:              | Request-to-speak button (LED Illuminating)                |
| Indicators:            | Microphone Ring Luminant                                  |
| Connectors:            | 2 x 8 Pin DIN (female)                                    |
| Wiring Requirements    |   |
| Unit-to-Unit:          | CHAP-DU-6 - 6 ft (1.8 m) cable (supplied with unit)       |
| Unit-to-Controller:    | CHAP-TU-6 - 6 ft (1.8 m) cable (supplied with controller) |
| Dimensions:            | 13" (33.25 cm) H x 7" (18 cm) W x 6" (15.25 cm) D         |
| Microphone Length:     | 12" (30.5 cm) from mounting surface                       |
| Weight:                | 1 lb 14 oz (861 grams)                                    |
| Color:                 | Charcoal  |

### PARTIAL LIST OF ASSOCIATED EQUIPMENT

|                |                                    |
|----------------|------------------------------------|
| CHAP-DU-EXT    | 25-foot (7.5 m) extension cable    |
| CDS-CU         | Chairman Unit                      |
| CDS-DC-30 (60) | Unit Controllers                   |
| CDS-E-30 (60)  | Expansion Unit Controllers         |
| CHAP-DU-12     | 12-foot (3.6 m) Unit-to-Unit cable |

All product information subject to change without notice.

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REV 0.0  
ETS-2341  
E:\T3-C39-A.qxd/KU  
Printed in Canada