

DM 4420 P CDS 4000 Delegate Unit for Pluggable Mic.



Configuration

DM 4420 P

The DM 4420 P is a portable conference delegate unit perfectly suited for permanent meeting rooms or temporary discussion-style meetings. The unit features a built-in high-quality loudspeaker and a 3 pin XLR connector for a pluggable gooseneck microphone (sold separately). Each unit enables participants to speak, register a request-to-speak and listen to other speakers. The unit can either be controlled by the delegate by the microphone button or remotely by the operator/conference chair. The microphone button has two LEDs to indicate whether the unit is on (RED) or in the request-to-speak queue (GREEN). The loudspeaker is automatically switched off when the microphone is activated to prevent acoustic feedback. A 6.6 ft. (2.0 m) cable is permanently connected to each unit to allow for quick and easy installation of units.

Highlights

- Illuminated red ring for easy speaker identification, clearly visible even in broadcast lighting.
- Push-to-talk operation introduces structure to the meeting.
- "Daisy Chain" loop-through cabling.
- No pick-up of mechanical table noise through proprietary double rubber band capsule suspension.
- 3 pin XLR connector for gooseneck microphone.
- Elegant, unobtrusive, black units.
- Different operating modes with request-to-speak queuing.
- Affixed cable with robust connector.
- 3.0 in. (76 mm) high quality loudspeaker in unit.
- Conference units are hot swappable.

Used With

CU 4005
CU 4010
MC 4000
DM 4410 P
CM 4410 P
DM 4420 P
DM 4450 P
CM 4450 P
FD 4010 FHB-4432-GB-100
FC 4010 FHB-4432-GB-100
FD 4011 FHB-4432-GB-100
FC 4011 FHB-4432-GB-100
FD 6012 FHB-6033-GB-100
MU 4040
EC 4000-02
EC 4000-05
EC 4000-10
EC 4000-20
CA 4400-100
CO D15 M
CO D15 F

Requires

A microphone (GM 6422, GM 6424, or GM 6425)

Includes

DM 4420 P

Accessories



CA 4400-100

CDS 4000 Extension Cable 328.1 ft. (100 m)

Bulk non-terminated cable, designed to be used with the CO 4000 connector set to make custom length extension cables.

Requires: D-sub DB15 Male and Female Connectors



CO D15 M

CDS 4000 D-sub DB15 Male Connector

D-sub DB15 connectors with screw terminals to make extension cables for CDS 4000 units.

Requires: Extension Cable



CO D15 F

CDS 4000 D-sub DB15 Female Connector

D-sub DB15 connectors with screw terminals to make extension cables for CDS 4000 units.

Requires: Extension Cable



EC 4000-02

CDS 4000 Extension Cable Assembly 6.6 ft. (2 m)

Extension cable, designed to connect the central control unit to conference units or to interconnect delegate units when the standard 6.6 ft. (2 m) cable affixed to the conference unit is not long enough. Provides an additional 6.6 ft. (2 m).



EC 4000-05

CDS 4000 Extension Cable Assembly 16.4 ft. (5 m)

Extension cable, designed to connect the central control unit to conference units or to interconnect delegate units when the standard 6.6 ft. (2 m) cable affixed to the conference unit is not long enough. Provides an additional 16.4 ft. (5 m).



EC 4000-10

CDS 4000 Extension Cable Assembly 32.8 ft. (10 m)

Extension cable, designed to connect the central control unit to conference units or to interconnect delegate units when the standard 6.6 ft. (2 m) cable affixed to the conference unit is not long enough. Provides an additional 32.8 ft. (10 m).



EC 4000-20

CDS D-sub DB9 RS232 Cable 39.37 in. (1 m)

Extension cable, designed to connect the central control unit to conference units or to interconnect delegate units when the standard 6.6 ft. (2 m) cable affixed to the conference unit is not long enough. Provides an additional 65.6 ft. (20 m).

	Specifications	DM 4420 P
Audio	Loudspeaker Frequency Response	150 Hz - 15 kHz
	Loudspeaker diameter	3 in. (76 mm)
	Loudspeaker maximum power	0.5 W RMS
	Microphone Frequency Response	100 Hz - 15 kHz
	Microphone Sensitivity	-22 dBv/Pa
	Microphone Max. SPL	125 dB (3% THD)
	Microphone equivalent noise	Approx. 20 dB SPL
	Microphone Front/Back ratio	>20 dB (1 kHz)

Controls & Indicators	Microphone Button	Button with Red/Green LED; red indicates microphone is active, green indicates request-to-speak.
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Interconnections	Microphone Connector	3p XLR female connector
	CDS-chain Input	One (1) 6.6 ft. (2.0 m) cable with a male D-sub DB15 connector with optional screws
	CDS- chain Loop-through	One (1) female D-sub DB15 connector with locking mechanism and optional screw terminals to connect the next unit in the CDS chain.

Power	Power Consumption	0.5 to 1 W
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Physical	Dimensions (H x W x D) (without microphone)	2.40 x 5.91 x 6.61 in. (61 x 150 x 168 mm)
	Color	Black
	Unit Weight	2.0 lbs. (0.90 kg)
	Shipping Weight	3.0 lbs. (1.36 kg)
	Mounting	Tabletop (portable or semi-flush mounted)

** Specifications are subject to change without notification

Frequently Asked Questions

Q How many microphones can be connected to a single CU 4005?

A 50.

Q How far can the daisy chain cabling go?

A A single extension cable must not exceed 330 ft. Maximum total cable length is 660 ft.

Q Can I mix and match different microphone styles with the system?

A Yes. You can mix table top units with flush mount units.

Q Is the cabling proprietary cabling?

A Yes.

Q Does the system work with third party control companies such as AMX or Crestron?

A Yes, however RS 4232 card is required.

Q How can I use CDS 4000 for an Interpretation system?

A The CDS 4000 is a discussion system only. The mixed floor channel from the CDS 4000 will need to be connected to a separate Interpretation system.

Q Is it possible to have the loudspeaker active when a headphone is used on the CDS 4000 unit?

A There are no headphone outputs on the CDS 4000 microphone units.

Q What is the maximum number of chairman's units, which can be connected to CDS 4000 discussion system?

A Up to 10 chairman units can be active simultaneously in addition to the 6 possible active delegate units.

Q Are there any software applications that I can use with the CDS 4000 system?

A Yes, the SW 4210, 4211 and 4220. Features monitoring, microphone control, geographical/mimic display, etc. The software is functional in parallel with other control units such as the MC 4000 and external control systems. Note: The SW 42XX requires an RS 4232 interface card to be inserted into the CU.