

FD 4010 F

Delegate Flush Panel w/Fixed Mic

14.2 in. (36 cm)



Configuration

FD 4010 FHB-GB-100

The FD 4010 F Delegate Flush Panel is a cost-effective way to permanently flush mount a loudspeaker, a microphone and microphone button. Made of 2.5 mm black anodized aluminum, the panel is very unobtrusive. 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 with the microphone button or remotely by the operator/conference chair. The loudspeaker is automatically switched off when the microphone is activated to prevent acoustic feedback. Mounting is easy with available screw holes on all four corners of the unit. A single 3.3 ft. (1 m) cable is provided to connect to the under-the-table MU 4040 (CDS 4000) or MU 6040 C/D (DCS 6000) control box. The panel can be customized to fit your specific application.

Highlights

- Illuminated red ring for easy speaker identification, clearly visible even in broadcast lighting
- Push-to-talk operation introduces structure to the meeting
- No pick-up of mechanical table noise through proprietary double rubber band capsule suspension
- 3.0 in. (76 mm) high quality loudspeaker in unit
- Elegant, unobtrusive, black units

Requires

Requires a Microphone Unit (MU xxxx)
MU 4040
MU 6040 D

Used With

CU 4005	AO 6008
CU 4010	PS 6000
MC 4000	RP 6004
DM 4410 P	JB 6002
CM 4410 P	JB 6004
DM 4420 P	DM 6010 P
DM 4450 P	DM 6060 P
CM 4450 P	DM 6070 P
FD 4010 FHB-4432-GB-100	CM 6070 P
FC 4010 FHB-4432-GB-100	DM 6090 P
FD 4011 FHB-4432-GB-100	CM 6090 P
FC 4011 FHB-4432-GB-100	DC 6990 P
FD 6012 FHB-6033-GB-100	AM 6040
MU 4040	DM 6060 F
EC 4000-02	CM 6060 F
EC 4000-05	DM 6510 F
EC 4000-10	DM 6560 F
EC 4000-20	CM 6660 F
CA 4400-100	MU 6040 D
CO D15 M	MU 6042 D
CO D15 F	DV 6501 F
CU 6005	CS 6032 FHB1
CU 6011	IS 6132 P
EX 6010	CO RJ45 F
AO 6004	CO RJ45 M-5.2

Includes

FD 4010 F
Mounting screws

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	FD 4010 F
Audio	Loudspeaker Frequency Response	150 Hz - 15 kHz
	Loudspeaker diameter	3.0 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	Red/Green LED; red indicates microphone is active, green indicates request-to-speak
	Illuminated ring	Ring around the microphone head that illuminates bright red when the microphone is on

Interconnections	Connection to MU 4040/604x	3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box
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Power	Power Consumption	
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Physical	Dimensions (H x W x D) (without microphone)	3.54 x 6.30 x 1.18 in. (90 x 160 x 30 mm)
	Microphone Length	13.78 in. (35 cm) (customizable to 50 cm)
	Color	Black/natural anodized or custom
	Unit Weight	1.8 lbs. (0.80 kg)
	Shipping Weight	3.0 lbs. (1.36 kg)
	Mounting	flush mount with four (4) screws (included)

** 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.