# FC 4011 F Chairman Flush Panel w/out Loudspeaker, w/Fixed Mic 14.2 in. (36 cm)



Highlights

Requires

• Illuminated red ring for easy speaker identification, clearly

Push-to-talk operation introduces structure to the meeting
No pick-up of mechanical table noise through proprietary

visible even in broadcast lighting

• Elegant, unobtrusive, black units

Requires a Microphone Unit (MU xxxx)

• Priority override

MU 4040 MU 6040 C

double rubber band capsule suspension

# Listentech.com

## Configuration

FC 4011 FHB-GB-100

The FC 4011 F Chairman Flush Panel is a cost-effective way to permanently flush mount a microphone, microphone button and priority override button. Made of 2.5 mm black anodized aluminum, the panel is very unobtrusive. The unit enables conference chairs to speak, register a request-to-speak and override delegates with the priority button. The unit can either be controlled by the microphone button or remotely by the operator. 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 (DCS 6000) control box. The panel can be customized to fit your specific application.

Use	d With
CU 4005	AO 6008
CU 4010	PS 6000
MC 4000 DM 4410 P	RP 6004 JB 6002
CM 4410 P	JB 6002
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 C
CO D15 M	DV 6501 F
CO D15 F	CS 6032 FHB1
CU 6005	IS 6132 P
CU 6011	CO RJ45 F
EX 6010	CO RJ45 M-5.2
AO 6004	

#### Includes

FC 4011 F

Mounting screws

#### Listen Technologies Corporation • 14912 Heritagecrest Way • Bluffdale • Utah 84065-4818 U.S.A. +1.801.233.8992 • +1.800.330.0891 North America • +1.801.233.8995 Fax

Listen Technologies Corporation All rights reserved 122007



	Accessories
	<u>CA 4400-100</u> 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.
at the	Requires: D-sub DB15 Male and Female Connectors
0 ( 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	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).

Listen Technologies Corporation • 14912 Heritagecrest Way • Bluffdale • Utah 84065-4818 U.S.A. +1.801.233.8992 • +1.800.330.0891 North America • +1.801.233.8995 Fax

Listen Technologies Corporation All rights reserved 122007

Don't miss a single sound.



Audio         Microphone Frequency Response         100 Hz - 15 kHz           Audio         Microphone Sensitivity         -22 dBv/Pa           Microphone Max. SPL         125 dB (3% THD)           Microphone Max. SPL         125 dB (3% THD)           Microphone Rax. SPL         20 dB (1 kHz)           Microphone Front/Back ratio         >20 dB (1 kHz)           Microphone Button         Red/Green LED; red indicates microphone is active, green indicates request-to-speak           Priority Button         Button to cancel all active delegate units permanently or temporarily (temp. only in FIPO mode)           Illuminated ring         Ring around the microphone head that illuminates bright red whe the microphone is on           Interconnections         Connection to MU 4040/6040 C         3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box           Power         Power Consumption         3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)           Microphone Length         13.78 in. (35 cm) (customizable to 50 cm)           Microphone Length         0.9 lbs. (0.40 kg)           Shipping Weight         0.9 lbs. (0.40 kg)           Microphone Length         0.9 lbs. (0.40 kg)           Microphone Length         0.9 lbs. (0.40 kg)           Shipping Weight         0.2 lbs. (0.21 kg)           Mounting         flush		Specifications	FC 4011 F
Audio       Microphone Max.SPL       125 dB (3% THD)         Microphone equivalent noise       Approx. 20 dB SPL         Microphone Front/Back ratio       >20 dB (1 kHz)         Microphone Button       Red/Green LED; red indicates microphone is active, green indicates request-to-speak         Priority Button       Button to cancel all active delegate units permanently or temporarily (temp. only in FIFO mode)         Illuminated ring       Ring around the microphone head that illuminates bright red whe the microphone is on         Interconnections       Connection to MU 4040/6040 C       3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box         Power       Power Consumption       3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)         Microphone Length       13.78 in. (35 cm) (customizable to 50 cm)         Color       Black/natural anodized or custom         Unit Weight       0.9 lbs. (0.40 kg)         Shipping Weight       2.0 lbs. (0.51 kg)         Mounting       flush mount with four (4) screws (included		Microphone Frequency Response	100 Hz - 15 kHz
Microphone equivalent noise         Approx. 20 dB SPL           Microphone Front/Back ratio         >20 dB (1 kHz)           Microphone Front/Back ratio         >20 dB (1 kHz)           Microphone Button         Red/Green LED; red indicates microphone is active, green indicates request-to-speak           Priority Button         Button to cancel all active delegate units permanently or temporarily (temp. only in FIFO mode)           Illuminated ring         Ring around the microphone head that illuminates bright red whe the microphone is on           Interconnections         Connection to MU 4040/6040 C         3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box           Power         Power Consumption         3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)           Microphone Length         13.78 in. (35 cm) (customizable to 50 cm)           Color         Black/natural anodized or custom           Unit Weight         0.9 lbs. (0.40 kg)           Shipping Weight         2.0 lbs. (0.51 kg)           Mounting         flush mount with four (4) screws (included		Microphone Sensitivity	-22 dBv/Pa
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           Priority Button         Button to cancel all active delegate units permanently or temporarily (temp. only in FIFO mode)           Illuminated ring         Ring around the microphone head that illuminates bright red whe the microphone is on           Interconnections         Connection to MU 4040/6040 C         3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box           Power         Power Consumption         3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)           Microphone Length         13.78 in. (35 cm) (customizable to 50 cm)           Color         Black/natural anodized or custom           Unit Weight         0.9 lbs. (0.40 kg)           Shipping Weight         2.0 lbs. (0.71 kg)           Mounting         flush mount with four (4) screws (included	Audio	Microphone Max. SPL	125 dB (3% THD)
Controls & Indicators       Microphone Button       Red/Green LED; red indicates microphone is active, green indicates request-to-speak         Priority Button       Button to cancel all active delegate units permanently or temporarily (temp. only in FIFO mode)         Illuminated ring       Ring around the microphone head that illuminates bright red whe the microphone is on         Interconnections       Connection to MU 4040/6040 C       3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box         Power       Power Consumption       3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)         Microphone Length       13.78 in. (35 cm) (customizable to 50 cm)         Color       Black/natural anodized or custom         Unit Weight       0.9 lbs. (0.40 kg)         Shipping Weight       2.0 lbs. (0.91 kg)         Mounting       flush mount with four (4) screws (included		Microphone equivalent noise	Approx. 20 dB SPL
Microphone button       indicates request-to-speak         Priority Button       Button to cancel all active delegate units permanently or temporarily (temp. only in FIFO mode)         Illuminated ring       Ring around the microphone head that illuminates bright red whe the microphone is on         Interconnections       Connection to MU 4040/6040 C       3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connect to the MU 4040/604x control box         Power       Power Consumption       3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)         Microphone Length       13.78 in. (35 cm) (customizable to 50 cm)         Color       Black/natural anodized or custom         Unit Weight       0.9 lbs. (0.40 kg)         Shipping Weight       0.9 lbs. (0.91 kg)		Microphone Front/Back ratio	>20 dB (1 kHz)
Microphone button       indicates request-to-speak         Priority Button       Button to cancel all active delegate units permanently or temporarily (temp. only in FIFO mode)         Illuminated ring       Ring around the microphone head that illuminates bright red whe the microphone is on         Interconnections       Connection to MU 4040/6040 C       3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connect to the MU 4040/604x control box         Power       Power Consumption       3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)         Microphone Length       13.78 in. (35 cm) (customizable to 50 cm)         Color       Black/natural anodized or custom         Unit Weight       0.9 lbs. (0.40 kg)         Shipping Weight       0.9 lbs. (0.91 kg)		-	
Indicators     Priority Button     temporarily (temp. only in FIFO mode)       Illuminated ring     Ring around the microphone head that illuminates bright red whe the microphone is on       Interconnections     Connection to MU 4040/6040 C     3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box       Power     Power Consumption       Dimensions (H x W x D) (without microphone)     3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)       Microphone Length     13.78 in. (35 cm) (customizable to 50 cm)       Color     Black/natural anodized or custom       Unit Weight     0.9 lbs. (0.40 kg)       Shipping Weight     2.0 lbs. (0.91 kg)       Mounting     flush mount with four (4) screws (included		Microphone Button	
Interconnections       Connection to MU 4040/6040 C       3.3 ft. (1 m) cable with D-sub HD15 connector (VGA monitor connector) to connect to the MU 4040/604x control box         Power       Power Consumption         Dimensions (H x W x D) (without microphone)       3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)         Microphone Length       13.78 in. (35 cm) (customizable to 50 cm)         Color       Black/natural anodized or custom         Unit Weight       0.9 lbs. (0.40 kg)         Shipping Weight       2.0 lbs. (0.91 kg)         Mounting       flush mount with four (4) screws (included		Priority Button	
Imericonnections       Connection 10 M0 4040/6040 C       connector) to connect to the MU 4040/604x control box         Power       Power Consumption		Illuminated ring	Ring around the microphone head that illuminates bright red when the microphone is on
Imericonnections       Connection 10 M0 4040/6040 C       connector) to connect to the MU 4040/604x control box         Power       Power Consumption			
Dimensions (H x W x D) (without microphone) $3.15 \times 3.15 \times 1.18$ in. (80 x 80 x 30 mm)Microphone Length $13.78$ in. (35 cm) (customizable to 50 cm)ColorBlack/natural anodized or customUnit Weight $0.9$ lbs. (0.40 kg)Shipping Weight $2.0$ lbs. (0.91 kg)Mountingflush mount with four (4) screws (included	Interconnections	Connection to MU 4040/6040 C	
Dimensions (H x W x D) (without microphone) $3.15 \times 3.15 \times 1.18$ in. (80 x 80 x 30 mm)Microphone Length $13.78$ in. (35 cm) (customizable to 50 cm)ColorBlack/natural anodized or customUnit Weight $0.9$ lbs. (0.40 kg)Shipping Weight $2.0$ lbs. (0.91 kg)Mountingflush mount with four (4) screws (included			
(without microphone)     3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)       Microphone Length     13.78 in. (35 cm) (customizable to 50 cm)       Color     Black/natural anodized or custom       Unit Weight     0.9 lbs. (0.40 kg)       Shipping Weight     2.0 lbs. (0.91 kg)       Mounting     flush mount with four (4) screws (included	Power	Power Consumption	
(without microphone)     3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)       Microphone Length     13.78 in. (35 cm) (customizable to 50 cm)       Color     Black/natural anodized or custom       Unit Weight     0.9 lbs. (0.40 kg)       Shipping Weight     2.0 lbs. (0.91 kg)       Mounting     flush mount with four (4) screws (included		-	
Color     Black/natural anodized or custom       Unit Weight     0.9 lbs. (0.40 kg)       Shipping Weight     2.0 lbs. (0.91 kg)       Mounting     flush mount with four (4) screws (included			3.15 x 3.15 x 1.18 in. (80 x 80 x 30 mm)
Unit Weight     0.9 lbs. (0.40 kg)       Shipping Weight     2.0 lbs. (0.91 kg)       Mounting     flush mount with four (4) screws (included		Microphone Length	13.78 in. (35 cm) (customizable to 50 cm)
Unit Weight0.9 lbs. (0.40 kg)Shipping Weight2.0 lbs. (0.91 kg)Mountingflush mount with four (4) screws (included	Physical	Color	Black/natural anodized or custom
Mounting flush mount with four (4) screws (included	/	Unit Weight	0.9 lbs. (0.40 kg)
		Shipping Weight	2.0 lbs. (0.91 kg)
** Specifications are subject to change without notification		Mounting	fluch mount with four (4) corows (included
		Intoorning	liusti mouni wini iour (4) sciews (included
		Nooning	
		Moonling	
		Moonning	
		Moonning	
		Moonling	
		Moonling	

FC 4011 F Page 3

Don't miss a single sound.



## **Frequently Asked Questions**

Q How many microphones can be connected to a single CU 4005? A 50.

 $\bigcirc$  How far can the daisy chain cabling go?

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

 $\bigcirc$  Can I mix and match different microphone styles with the system?

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

 $\bigcap$  Is the cabling proprietary cabling?

```
A Yes.
```

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

A Yes, however RS 4232 card is required.

O 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.

 $\bigcirc$  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.

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.