Confidea FLEX G4

Wireless Conference Unit with Touch Screen

Description

Confidea FLEX G4 is the wireless variant of the Confidea FLEX wired conference unit. It's an all-in-one wireless tabletop conference unit with an integrated 5.2" touch screen with fingerprint coating. It combines a slim, non-intrusive, contemporary design offering extended functionality with effortless ease of use.

> The Confidea FLEX G4 dual battery design offers a wealth of advantages: from reducing overall system cost to maximizing system use and hot swapping batteries

Smart battery management
Wireless systems are the ideal solution for meetings that require a high degree of flexibility and portability.

For starters, each wireless unit comes with a compact Li-ion battery that offers a 12-hour autonomy on one full charge. Sufficient to run a full day of meetings.
To check if your battery is sufficiently charged as you prepare the meeting set-up, simply push the test button. A led bar will show the remaining capacity.

Let's say you are preparing for an even longer meeting. For these occasions, you can add a second battery in a separate compartment. And as you do so, just imagine the wealth of advantages:

You can reduce or spread the overall cost of your system by starting out with a single battery per unit, and purchasing the dual batteries only if or when needed.

You can charge a batch of spare batteries during the meeting to maximize the use of the system.

Actually, having a second batch of batteries stand-by in the chargers can reduce the amount of charging devices needed for your pool of batteries, ensures the system is ready whenever you want to meet and avoids having a non-usable system because you forgot to charge.
This is a major advantage compared to systems that operate on a single battery.

In the event a battery runs low, a warning signal is shown on the conference unit and in the software monitoring capabilities of the access point. Simply take a fully charged battery out of the charger and plug it into the second battery compartment before removing the almost empty battery.

Doing so, the unit stays powered and does not need to reconnect to the access point making it instantly useable.

Put the almost empty battery in the charger. Within 2 hours it is fully charged again and ready for your next meeting. In only 45 minutes the battery will be charged for 50% offering six hours of meeting time.

What if a battery runs low and you don't have a fully charged spare at hand?
No worries. Simply plug-in a standard charger in the USB-C connector at the back of the unit. The device will remain operational, and you can even unplug the battery to start recharging it.

During a meeting, the remaining meeting time of each unit can be monitored via the built-in browser-based software included in the access point.

Extended Functionality in A Single Unit
The Confidea FLEX G4 was designed to offer one solution that meets different user needs. The unit has one large physical button that can change its functionality based on the applied configuration. Using the secret until lit principle, different functions light up indicating which actions are possible with the button. Using this principle, the button can be used for delegate, chair person or double use functionality.

Furthermore, functionality can be unlocked based on licenses. This means that over time customers can unlock extra functionality without the need to re-invest in new hardware.

The current license model contains following options:

» Voting
» Identification
» Channel selection *
» Dual Use
» Bluetooth®*

Advanced Participant Interaction
As chairperson, you can control different aspects of the meeting, simply using the intuitive display on the Confidea unit.

As delegate you are welcomed to the meeting or guided how to log-in with your identification card, you can see which voting item is being voted upon. You can even see who is currently speaking and your postion in the request list.

During voting sessions, you can cast your vote and get a view on the voting results either during or after the voting session depending on the settings. Tactile feedback will be given when your vote is registered by means of vibration. This unit is also equipped with an NFC card reader for identification. This is ideal for meetings with a free seating policy: the system can keep track of who is seated where.

Accessibility
As the unit uses a touchscreen, special attention has been given to visual impaired users. Tactile references are spread over the length of the screen. Functions like voting have been designed in such a way that controls are mapped on the tactile references and haptic feedback is given when a touchbutton is pressed.
Volume controls received a different layout of tactile reference.
The unit has support for Bluetooth®*. This can be used to send audio to users Bluetooth enabled hearing aid or conversion box for more conventional aids.

Ease of setup
The Confidea FLEX G4 is a sleek and stylish solution and can be set up in the blink of an eye. Place the units on the meeting table and activate by pressing the microphone button for about 2 seconds. Plug in Mike, the new push and lock microphone concept that reduces setup time. Ready? Set? Start your meeting.
Using the built-in web server you can easily change the functionality of a unit, making it a delegate or chairperson unit, or change the license and associated functions. As a result, installation is easy, fast, and straightforward, making it the ideal system for frequently changing environments or grow in functionality over time with the needs of the customer.

Features

» Supports WIFI5
» Unit provides information used by the clean channel manager for frequency coordination and interference avoidance
» Predictive error concealment algorithm masking effect of lost or damaged packets resulting in continuous audio
» WPA2 Enterprise encryption
» Dual antenna for optimized signal reception even in challenging and high RF reflective environments
» Built-in high-quality loudspeaker
» Dual battery compartment with hot swap capabilities
» Power units via USB-C adapter
» Software configurable microphone button for delegate, chairperson or dual use mode
» Each unit configurable as delegate or chairperson without changing hardware configuration, simple configuration from the software.
» Two headphone outputs
» Interactive display showing meeting information such as voting topic, who is speaking, position in request list and voting depending on activated licenses.
» A custom standby screen can be uploaded to personalize the units according to the customer, meeting or event.
» Basic meeting control for chairperson
  › Start / stop recording
  › Meeting state control
  › Voting session control
» NFC reader
» Card reader slide in slot for single use
» Tap to log-in functionality for dual use
» Split screen for dual delegate use
» Haptic feedback on touchscreen
» Light sensor for automatic luminance adjustment
» Anti fingerprint coating on touchscreen
» Tactile references for microphone, volume and 5 defined zones under touchscreen

* Available in future software updates

televic
conference

Connectivity

» Push & Lock socket to connect a removable microphone.

Mike PLM401F	**71.98.0094**

» Battery compartment to connect two batteries.
One battery comes included with the Confidea FLEX G4 unit. Additional battery:

Confidea BP G4	**71.98.0045**

» USB-C connector to connect power adapter and keep unit operational, even without batteries installed.
» Two 3.5 mm stereo jack sockets for headphones
» Bluetooth® support for hearing aid*

Licenses and Software

» Confidea FLEX licenses:

L-Vote	**71.98.1401**
L-Identification	**71.98.1402**
L-Language *	**71.98.1403**
L-Dual	**71.98.1404**
L-Bluetooth®*	**71.98.1405**

Certification

Region	Certification
Europe	CE

Specifications

Mechanical	
Material	PC/ABS & Zamak
Color	Black
Size (W x H x D)	220 × 50 × 165 mm 8.66 x 1.97 x 65 in
Size Packed (W x H x D)	240 × 60 × 170 mm 9.45 x 2.36 x 6.69 in
Weight (including 1 battery)	970 g 2.14 lb
Weight Packed (including 1 battery)	1100 g 2.43 lb

Power	
Battery type	Confidea BP G4
Battery technology	Lithium-ion
Battery voltage	7.2 VDC
Battery capacity	3100 mAh

Card reader	
Card reader	ISO 14443 MIFARE Card Reader DESfire EV1 support

USB	
Input voltage	4.5 - 5.25 V
Recommended cable	28AWG/1P + 24AWG/2C

Display	
Size	5,2″
Technology Type	LCD TFT
Touch Technology	Capacitive
Bonding Technology	Optical
Coating	Anti-fingerprint AF
Active Area (mm)	127 (w) x 33.9 (h)
Refresh Rate	60 Hz
Screen Resolution	480 x 128
Viewing Angle	65° (left), 65° (right), 55° (top), 65° (bottom)
Luminance	min. 800 cd / m²
Contrast Ratio	500:1
Color Depth	RGB 24b

Speaker Output	
Maximum Output Power	> 1 W
Frequency Response	200-20,000 Hz
Dynamic Range	> 90 dB
THD @ Nominal Level	< 0.1%
Load Impedance	8 Ω

Headphone Output	
Maximum output	> 10 mW
Frequency response	200 -20 kHz
Dynamic range	> 90 dB
THD @ nominal level	< 0.1%
Load impedance	16-32 Ω

Microphone Input	
Nominal Input Level	-54.7 dBV
Maximum Input Level	-24.6 dBV
Input Impedance	1 kΩ
Dynamic Range	> 93 dB
Frequency Response	25-20 kHz
THD @ Nominal Level	< 0.1%

Enviromental	
Operating Temperature	0 - 45°
Storage Temperature	-20 - 60°
Humidity	< 95 %, > 5 %

Bluetooth®	
Version	V5.0 Dual mode
Frequency	2.402 - 2.480 GHz
Maximum Transmit Power	Class 1 +8 dBm from antenna
Receive Sensitivity	- 94 dBm

* Available in future software updates