Confidea FLEX
G4 Wireless

Developing Solutions

ULTIMATE FLEXIBILITY

WORRY-FREE WIRELESS

SMART BATTERY MANAGEMENT

BUILT FOR SECURITY

The next generation of meetings made easy

+ **Do you need flexible meeting possibilities in different rooms of your facilities?**
+ **Do you manage multi-purpose spaces with varying room layouts according to the occasion?**
+ **Are COVID-19 regulations forcing you to change your set-ups and add remote functionalities?**
+ **Do you rent meeting equipment on an as-needed basis?**

These are all very real scenarios that have one thing in common: they all make you wish you had a meeting system that is **quick and easy to deploy**. Well, your wish is about to come true: discover how Televic's new Confidea FLEX G4 wireless solution has you covered.

Confidea FLEX G4 wireless is a solution that offers **unparalleled versatility and flexibility** in the number of participants, conferencing options over different rooms and meeting configurations that are 100% cable- and worry-free.

televic conference

Confidea WAP G4

71.98.0035

Confidea Wireless Access Point

Description

The compact, discreet yet powerful Confidea G4 access point is the heart of the wireless conference system.

The access point has a set of powerful tools to define the optimal use of channels within the RF spectrum and to keep the link with the wireless conference units secure and robust.

The built-in web-based software makes use of step by step wizards to guide the installer through the configuration of the system.

By adding a license, a set of powerful meeting management tools is unlocked offering meeting moderation, voting, participant identification and reporting capabilities.

Furthermore the access point has a wealth of connectivity options. Powering the device can be done via a standard PoE+ switch or power injector.

An analog interface is available to interfacing 3rd party audio systems like presentation systems, room audio systems or hybrid meeting platforms like zoom, teams, etc.

Easy recording capabilities are provided with options to record on internal or external storage.

The combination of all these capabilities result in an innovative wireless conference solution that feels at home in any meeting environment.

The Televic Confidea G4 wireless conference system ensures reliable and secure communication without interruptions resulting in worry-free meetings.

Features

Worry free wireless

- WiFi5
- Clean channel manager to define the operating channel of the system
- DFS radar detection and avoidance
- Co-existance with other WiFi systems
- Possibility to operate in upper channels of 5 GHz range, typically underserved by other wireless systems
- Predictive error concealment algorithm masking the effect of lost or damaged packets resulting in continuous audio
- Self healing channel switching seamlessly switches to another channel when interference encountered or radar is detected on DFS channel
- Spacial diversity and MIMO antenna design for optimized signal reception
- Omni-directional range of 40 m

Security

- 802.1X (MD5, TLS, PEAP-MSCHAPv2) for LAN port only
- WPA2 Enterprise WiFi security
- Radius server certificate validation preventing spoofing
- Ecryption key negotiation at each startup and connection of conference unit
- Unique encryption key exchange for each device connected to the system

Design

- Compact and discreet design
- Multifunctional mounting plate
- Built-in microphone stand screw mounting option ideal for mobile setups
- Easy click principle for easy mounting and removal of the access point

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Ease of setup and built-in software capabilities

- PoE+ powered
- Device discovery by physical button on WAP or via integrated web-based software
- Wizard based setup and configuration
- Automatic channel management and interference avoidance
- Channel quality visualization, monitoring and configuration capabilities
- Battery remaining meeting time visualization and low battery warning
- License management : assign or revoke licenses for Confidea G4 units.
- Upload custom standby screen for Confidea G4 units
- Audio routing for external processing or distance conferencing
- Mix-Minus mode
- Recording capabilities: internal or external storage and file download
- Camera protocols providing device information to integrate 3rd party camera control systems
- Compatibility with Televic T-CAM camera tracking solution

Connectivity

- LAN connection with PoE+
- 2 x Plixus ports
- 1 x Phoenix mini balanced analog in
- 1 x Phoenix mini balanced analog out
- 1 x overload activity LEDs analog in
- 1 x signal present LED for analog out
- 1 x USB 2.0 type A connector

Software

- The Confidea WAP G4 comes included with the web-based Confero software. Simply browse to the WAP with a standard web browser.
  Confero has all the tools to setup, configure and monitor the wireless conference system with easy to use wizards. A custom standby screen can be uploaded to personalize the units according to the customer, meeting or event.
- Adding the Confero 360 management software opens a wealth of additional functionality to facilitate meeting preparation, moderation, participant engagement and meeting reporting.
  Different user roles can be configured so users are only confronted with functionality for the task at hand.

Confero 360 **71.98.3000**

- Creation of synoptic overview representing the room layout
- Manage the status of microphone from the room layout, speaker and request list
- Creation of a meeting template with seating plan
- Link participant names to seats
- Linking identification badges to participants so they can log-in and be identified in any conference unit.
- Start/ Stop recording with capability to automatically start when meeting started
- Ad-hoc voting
- Signage view of microphone status in room layout, speaker list, request list and voting results
- Overview of meeting reports with participant attendance, overall voting results, individual voting resuls for public votes and accompanied recording

Accessories

- PoE+ Power injector
  Confidea WAP PS G4 **71.98.0028**

Specifications

Mechanical	
Material	ABS
Color	White
Size (W x H x D)	191 × 45 × 191 mm 7.52 x 1.77 x 7.52 in
Size packed (W x H x D)	233 × 46 × 233 mm 9.17 x 1.81 x 7.52 in
Weight	680 g 1.50 lb
Weight packed	825 g 1.82 lb
Mounting type	wall, ceiling, electrical box, microphone stand
Electrical	
Supply type	PoE+, 802.3at, Type 2 PD
Typical power consumption	15 W
Max power consumption	24 W
System	
Encryption type	WPA2 Enterprise
Max number of units	128
Max number of open microphones	8
Latency (microphone to WAP - WAP to loudspeaker)	16 ms
Audio	48 kHz / 24 bit
Frequency response	20 - 20 kHz
THD (22 - 22000 Hz)	< 0.02 %
Dynamic range	> 90 dB
Signal to noise ratio	> 95 dBA
RF	
WiFi standard	WiFi5, IEEE802.11ac
RF frequency bands	2.4 Ghz / 5 GHz
ERP (Equivalent Isotropically Radiated power)	< 24 dBm
Range	40 m
Antenna	
No of antennas	5

LAN	
Interface	Ethernet
Link speed	100 Mbps
Network addressing	DHCP, NTP or Manual
Cable type	> Cat5e (shielded)
Connector	RJ45
Connector LED	Green : Link Orange : Link activity
Cable Length	100 m (max)
Security	
Authentication	802.1X (MD5, TLS, PEAP-MSCHAPv2) for LAN port only
Plixus	
Interface	Ethernet
Link speed	100 Mbps
Power	48 VDC
Continuous output current	2A
Cable type	> Cat5e (shielded)
Connector	RJ45
Connector LED	Green : Status Orange : Link speed
Cable Length	80 m (max)
Recording	
Format	MP3
Quality	64, 128, 196, 256 kbps
Maximum size	500 GB
USB	
Interface	USB2.0
Format	NTFS
Maximum size	500 GB
Internal Storage	
Size	4 GB
Audio Input	
Nominal input level	0 dBV
Max input level	+10 dBV
Frequency response	20 - 20 kHz
THD @ nominal level (22 - 22 kHz)	< 0,02 %
Dynamic Range	> 90 dB
SNR	> 95 dBA
Input impedance	> 10 kΩ
Configuration	Balanced
Connector type	3 pin Phoenix mini combicon

Audio output	
Nominal output level	0 dBV
Max output level	+ 10 dBV
Frequency response	20 - 20000 Hz
THD @ nominal level (22 - 22000Hz)	< 0,02 %
Dynamic Range	> 90 dB
Load impedance	> 600 Ω
Configuration	Balanced
Connector type	3 pin Phoenix mini combicon
Environment	
Operating temperature	0 – 45°C
Storage and transport temperature	-20 – 60°C
Humidity	<95%, >5%

Confidea WAP G4 with Dante

71.98.0034

Confidea Wireless Access Point

Description

The compact, discreet yet powerful Confidea G4 access point is the heart of the wireless conference system.

The access point has a set of powerful tools to define the optimal use of channels within the RF spectrum and to keep the link with the wireless conference units secure and robust.

The built-in web-based software makes use of step by step wizards to guide the installer through the configuration of the system.

By adding a license a set of powerful meeting management tools is unlocked offering meeting moderation, voting, participant identification and reporting capabilities.

Furthermore the access point has a wealth of connectivity options. Powering the device can be done via a standard PoE+ switch or power injector.

Both analog and digital (Dante) interfaces are available to interfacing 3rd party audio systems like presentation systems, room audio systems or hybrid meeting platforms like zoom, teams, etc.

Easy recording capabilities are provided with options to record on internal or external storage.

The combination of all these capabilities result in an innovative wireless conference solution that feels at home in any meeting environment.

The Televic Confidea G4 wireless conference system ensures reliable and secure communication without interruptions resulting in worry-free meetings.

Features

Worry free wireless

- WiFi5
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Security

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- WPA2 Enterprise WiFi security
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- Unique encryption key exchange for each device connected to the system

Design

- Compact and discreet design
- Multifunctional mounting plate
- Built-in microphone stand screw mounting option ideal for mobile setups
- Easy click principle for easy mounting and removal of the access point

Ease of setup and built-in software capabilities

- PoE+ powered
- Device discovery by physical button on WAP or via integrated web-based software
- Wizard based setup and configuration
- Automatic channel management and interference avoidance
- Channel quality visualization, monitoring and configuration capabilities
- Battery remaining meeting time visualization and low battery warning
- License management : assign or revoke licenses for Confidea G4 units.
- Upload custom standby screen for Confidea G4 units
- Audio routing for external processing or distance conferencing
- Mix-Minus mode
- Recording capabilities: internal or external storage and file download
- Camera protocols providing device information to integrate 3rd party camera control systems
- Compatibility with Televic T-CAM camera tracking solution

Connectivity

- LAN connection with PoE+
- 2 x Plixus ports (*)
- 1 x Phoenix mini balanced analog in
- 1 x Phoenix mini balanced analog out
- 1 x overload activity LEDs analog in
- 1 x signal present LED for analog out
- 1 x USB 2.0 type A connector
- 1 x Dante port (8 x 8 channels)

Software

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  Confero has all the tools to setup, configure and monitor the wireless conference system with easy to use wizards. A custom standby screen can be uploaded to personalize the units according to the customer, meeting or event.
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Accessories

- PoE+ Power injector
  Confidea WAP PS G4 **71.98.0028**

Specifications

Mechanical	
Material	ABS
Color	White
Size (W x H x D)	191 × 45 × 191 mm 7.52 x 1.77 x 7.52 in
Size packed (W x H x D)	233 × 46 × 233 mm 9.17 x 1.81 x 7.52 in
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Mounting type	wall, ceiling, electrical box, microphone stand
Electrical	
Supply type	PoE+, 802.3at, Type 2 PD
Typical power consumption	15 W
Max power consumption	24 W
System	
Encryption type	WPA2 Enterprise
Max number of units	128
Max number of open microphones	8
Max number of interpretation channels	8
Latency (microphone to WAP - WAP to loudspeaker)	16 ms
Audio	48 kHz / 24 bit
Frequency response	20 - 20 kHz
THD (22 - 22000 Hz)	< 0.02 %
Dynamic range	> 90 dB
Signal to noise ratio	> 95 dBA
RF	
WiFi standard	WiFi5, IEEE802.11ac
RF frequency bands	2.4 Ghz / 5 GHz
ERP (Equivalent Isotropically Radiated power)	< 24 dBm
Range	40 m

Antenna	
No of antennas	5
LAN	
Interface	Ethernet
Link speed	100 Mbps
Network addressing	DHCP, NTP or Manual
Cable type	> Cat5e (shielded)
Connector	RJ45
Connector LED	Green : Link Orange : Link activity
Cable Length	100 m (max)
Security	
Authentication	802.1X (MD5, TLS, PEAP-MSCHAPv2) for LAN port only
Dante	
Interface	Gigabit Ethernet
Link speed	1000 Mbps
Digital audio	Dante / AES67
Number of channels	8 x 8
Cable type	> Cat5e (shielded / unshielded)
Connector	RJ45
Connector LED	Green : Link Orange : Link activity
Cable Length	100 m (max)
Plixus	
Interface	Ethernet
Link speed	100 Mbps
Power	48 VDC
Continuous output current	2A
Cable type	> Cat5e (shielded)
Connector	RJ45
Connector LED	Green : Status Orange : Link speed
Cable Length	80 m (max)
Recording	
Format	MP3
Quality	64, 128, 196, 256 kbps
Maximum size	500 GB

USB	
Interface	USB2.0
Format	NTFS
Maximum size	500 GB
Internal Storage	
Size	4 GB
Audio Input	
Nominal input level	0 dBV
Max input level	+10 dBV
Frequency response	20 - 20 kHz
THD @ nominal level (22 - 22 kHz)	< 0,02 %
Dynamic Range	> 90 dB
SNR	> 95 dBA
Input impedance	> 10 kΩ
Configuration	Balanced
Connector type	3 pin Phoenix mini combicon
Audio output	
Nominal output level	0 dBV
Max output level	+ 10 dBV
Frequency response	20 - 20000 Hz
THD @ nominal level (22 - 22000Hz)	< 0,02 %
Dynamic Range	> 90 dB
Load impedance	> 600 Ω
Configuration	Balanced
Connector type	3 pin Phoenix mini combicon
Environment	
Operating temperature	0 – 45°C
Storage and transport temperature	-20 – 60°C
Humidity	<95%, >5%

Confidea PS G4

71.98.0028

Power injector for Confidea WAP G4

Description

The Confidea PS G4 is a PoE injector to power the Confidea WAP G4 access point.

The adapter has two RJ45 connectors. One that connects to a switch or PC, the other connector adding power to the access point.

The adapter comes with interchangeable AC clips.

Specifications

Mechanical	
Color	Black
Size adapter (W x H x D)	80 × 33 × 45 mm 3.15 x 1.29 x 1.77 in
Size packed (W x H x D)	150 x 48 x 105 mm 5.90 x 1.90 x 4.13 in
Weight adapter	95 g 3.35 oz
Weight packed	204 g 7.2 oz

Electrical	
Standard	IEEE802.af compliant
DC Output voltage	56 VDC
Output power	15.4 W
AC Input voltage	100 to 240 VAC
AC input current	0.8 A (RMS) for 115 VAC 0.5 A (RMS) for 230 VAC
AC inrush current	15 A (RMS) for 115 VAC 20 A (RMS) for 230 VAC
AC input frequency	47 - 63 Hz
Environment	
Operating temperature	0 – 40°C
Storage and transport temperature	-25 – 65°C
Humidity	<90%, >5%

Confidea FLEX G4

71.98.0081

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

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.

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

Connectivity

» Push & Lock socket to connect a removable microphone.

Mike LPM	**71.98.0091**
Mike PLM301F	**71.98.0093**
Mike PLM401F	**71.98.0094**
Mike PLM502F	**71.98.0095**
Mike PLM402F	**71.98.0098**
Mike PLM40FF	**71.98.0099**

» 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

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**

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 Classic and Desfire

USB	
Input voltage	4.5 - 5.25 V
Max. power consumption	2.5 W
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	4 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%
Diameter of the connector	Inside: 12 mm Outside: 18 mm
Enviromental	
Operating Temperature	0-45°
Storage Temperature	-20-60°
Humidity	<95 %, >5 %

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Confidea GO G4

71.98.0082

Wireless Discussion Conference Unit

Delegate view

Chairman view

Description

The Confidea GO G4 is a discussion variant of the wireless Confidea FLEX G4 conference unit, without the display. It was designed to offer a solution for occasions where advanced meeting features are not required. With the same look and feel as its big brother, the Confidea GO G4 unit shares the same astonishing slim, non-intrusive and contemporary design, and the sturdy alloy of zinc and aluminium.

> The Confidea GO G4 keeps things simple to meet up and connect to any remote platform.

One Unit with Multiple Faces

Just like the overall G4 system, the Confidea GO G4 is a scalable device that can be configured as a single delegate, dual delegate or chairperson unit.

The participants will all be able to use the same large physical button in a different way depending on their status, as the button's functionality can be changed based on the applied configuration.

Easy Setup & Configuration

The installation of the Confidea GO G4 is easy, fast, and straightforward, making it the ideal system for frequently changing environments. Simply 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, and start your meeting.

The integrated built-in web server on the Access Point allows a quick configuration and easy management of the system using a web browser on a standard laptop or tablet You can then change the functionality of a unit, making it a delegate or chairperson unit.

Smart Battery Management

Designed for flexibility and portability, the Confidea GO G4 will not let battery life get in the way of a productive meeting. Each unit comes with a compact Li-ion battery that offers 12 hours of autonomy on a full charge, which is sufficient for a full day of meetings.

To check if your battery is sufficiently charged as you prepare the meeting setup, simply push the test button. A led bar will show the remaining capacity. The battery level can also be monitored in the Confero software.

And in case you are preparing for an even longer meeting, a second battery can be added in the dual compartment.

You can reduce or spread the overall cost of your system by starting out with the included battery, and purchasing the additional 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.

Security
As meetings are meant to be private and confidential, the Confidea G4 Wireless system uses WPA2 Enterprise encryption,assuring that the contents of the conversation remain within the meeting room walls.

Worry-Free Wireless
Based on the standard WiFi5 technology, the system uses a combination of advanced techniques to improve the quality of the signal reception. Besides, the dual antenna in the units allows optimized signal reception. This results in a stability that is unique on the wireless conferencing market, making us believe that our fourth-generation solution is the 'best-in-class wireless conference system'.

Mix & Match
Want to have the best of both worlds? Combine Confidea GO G4 units with Confidea FLEX G4 units. The result is a cost-efficient conference setup that provides the chairperson with optimal meeting control. For maximum flexibility, you can link the complete wireless solution to another Plixus conference solution.

Accessibility
Special attention has been given to visual impaired users with tactile references under the physical button and next to the volume controls.

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 with volume control
- Display showing the battery status and signal reception
- Anti fingerprint coating on touchscreen
- Tactile references for microphone,volume and five defined zones under the touchscreen

Connectivity

- Push & Lock socket to connect a removable microphone.

Mike LPM	**71.98.0091**
Mike PLM301F	**71.98.0093**
Mike PLM401F	**71.98.0094**
Mike PLM502F	**71.98.0095**
Mike PLM402F	**71.98.0098**
Mike PLM40FF	**71.98.0099**

- Battery compartment to connect two batteries. One battery comes included with the Confidea GO 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

License and Software

- Confidea GO license:

L-Dual	**71.98.1404**

Note: Unlike the Confidea FLEX G4, it is not possible to add extra licenses such as voting, identification and language to the Confidea GO G4 units.

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)	990 g 2.18 lb
Weight Packed (including 1 battery)	1035 g 2.28 lb
Power	
Battery type	Confidea BP G4
Battery technology	Lithium-ion
Battery voltage	7.2 VDC
Battery capacity	3100 mAh
USB	
Input voltage	4.5 - 5.25 V
Recommended cable	28AWG/1P + 24AWG/2C
Display	
Touch Technology	Capacitive
Coating	Anti-fingerprint AF
Speaker Output	
Maximum Output Power	> 1 W
Frequency Response	200-20,000 Hz
Dynamic Range	> 90 dB
THD @ Nominal Level	< 0.1%
Load Impedance	4 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%
Diameter of the connector	Inside: 12 mm Outside: 18 mm

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

Confidea BP G4

71.98.0045

Battery Pack

Description

The high capacity Lithium-ion rechargeable battery pack provides power to the wireless Confidea FLEX units. Lithium-ion rechargeable cells have a long lifespan as they do not have charging degradation issues typically associated with other rechargeable battery types.

> The smart battery pack is monitored and controlled via a built-in microcontroller which tracks the recharging process and prevents overloading.

Fully charging an empty battery takes about 2 hours and guarantees an autonomy of 12 hours for typical usage with a Confidea FLEX G4 unit. The units have two battery compartements.

What's more, the battery pack's quick charge properties allows you to charge to 50% after just 45 min. Reaching even 65% within 1 hour.

The battery packs can be charged in the Confidea CHT G4 charging tray (71.98.0046), a 1U rack mountable device which accommodates up to 10 packs at once.

At the bottom of the battery pack, a test button indicates the remaining charge time. Simply push the button to visualize the remaining charge of the battery.

A total of five LEDs are representing the remaining capacity, each represening 20% charge.

The battery has a protection against short circuit, overcharge and overheating.

A total of 500 full charging cycles is guaranteed.

The battery status of all units connected to the access point can be monitored at any time from the Confero webpage.

Features

- Battery status LED
- Charging LED
- Push-to-test button
- LED bar for capacity and status indication
- Quick charge to 50% (45 min)

Accessories

Confidea CHT G4	**71.98.0046**

Certification

Region	Certification
General	UN38.3
Europe	CE
United States	UL
Korea	KC
Japan	PSE
Russia	EAC
Taiwan	BSMI

Specifications

Mechanical	
Material	PC/ABS
Color	Black matt, RAL9011
Size (w x h x d)	150 × 26,3 × 22,8 mm 5.90 x 1.04 x 0.90 in
Size packed (mm)	165 x 35 x 55 mm 6.50 x 1.18 x 2.17 in
Weight	130 g 4.59 oz
Weight packed (g)	154 gr 5.43 oz
Electrical	
Capacity	3.1 Ah
Autonomy	FLEX : 12h
Max/min output voltage	8.4/6 VDC
Nominal output voltage	7.2 VDC
Charging cycles	500 full charges
Charging time (empty to 100%)	2 hours
Quick charge to 50%	45 min
Environment	
Charging temperature	5 - 45 °C
Operating temperature	-10 - 60 °C
Storage temparature	-20 - 60°C

Confidea CHT G4

71.98.0046

Confidea Charging Tray

Description

The Confidea G4 charging tray is a compact rack mountable device with capability to charge up to 10 batteries.
Being only one rack unit it saves space in the overall rack design. The device can also perfectly be integrated in cabinet.

In only 2h time batteries are fully charged. In 45 minutes the batteries are charged to 50%, enough for 6 meeting hours in the Cofidea FLEX G4 units running on 1 battery.

Batteries can be left in the chargers without impact on lifetime of the battery thanks to the smart monitoring capabilities.

The charger has a LAN connection to browse the built-in webpage for making the device ready to upgrade and for battery monitoring.

Features

- 19" rack mountable
- 1U rack space
- Auto ranging power supply
- 10 battery slots with charging status LEDs
- Smart battery monitoring
- Quick charging time enabling alternating charging schemes with the Confidea G4 dual battery capabilities
- Built-in web based software with upgrade capabilities

Certification

Region	Certification
Europe	CE

Specifications

Mechanical	
Material	Steel
Color	Black RAL 9011
Size (W x H x D)	482.6 × 43.6 × 236.5 mm 190 x 1.72 x 93.11 in
Size packed (W x H x D)	565 x 60 x 305 mm 22.2 x 2.4 x 12 in
Weight	3520 g 7.76 lb
Weight packed	4340 g 9.57 lb
Electrical	
Supply voltage	100-240 VAC ±10% 50-60 Hz
Nominal power	180 W
Maximum power	200 W
Environment	
Operating temperature	0 – 45 °C
Storage and transport temperature	-20 – 60 °C
Humidity	<95%, >5%

Confidea FLEX TC

71.98.0047

Confidea FLEX Transport Case

Description

The Confidea FLEX transport case offers a clear and compact storage to meet on the go.

It can store up to 16 FLEX units, wired or wireless (including batteries). The top layer has a removable inlay, is easy to carry around to collect and store 16 Mike-type microphones of 30 cm, 40 cm (Flex and Double Flex) and 50 cm.

A removeable compartment in the middle of the case offers room to store an access point, adapter and some cables. When used for wired Confidea FLEX units, removing this compartment creates enough room to store cables.

The case has been designed for easy storage and transport from one room and/or venue to the other.

In other words: a complete meeting set-up, packed into a compact and mobile solution that is ready to be deployed anyplace, anytime.

Features

- Very compact design
- Use for both wired and wireless Confidea FLEX
- Rugged handles and locks
- Pre-formed foam inlays offering snug fit of the equipement
- Telescopic handle for easy transportation
- Big and soft wheels for comfortable and safe transportation
- Separate tray to easily collect microphones

Specifications

Mechanical	
Color	Black
Size (W x H x D)	734 × 403 × 459 mm 28.9 x 15.9 x 18.1 in
Size packed (W x H x D)	755 x 430 x 460 mm 29.7 x 19.9 x 25.2 in
Weight	14 kg 30.86 lb
Weight packed	15.1 kg 33.3 lb