Confidea DI G3

Confidea G3 Wireless Delegate & Interpretation Unit

Description

The third generation of Confidea has an innovative wireless engine that integrates the latest technological evolutions in wireless communication. It offers an even more robust transmission link and more available frequencies in various countries. The Confidea has also been engineered to perform in RF-challenging environments. The new engine is much more power-efficient, too. That's why Confidea G3 has a longer operating autonomy and requires recharging far less frequently.

> The Confidea DI G3 has a microphone button. This button activates the microphone instantly, or – in 'Request' mode – after the chairperson provides the delegate the right to speak.

The units are also equipped with a channel selector including a separate OLED display indicating chosen channel number, abbreviated channel name and headphone volume. The unit allows for individual delegate identification used for delegate management, speech time and camera tracking systems.

The Confidea DI G3 models have the capability of receiving up to 4 translation channels. An easy to use OLED display shows the current channel and the physical up & down buttons allow fast switching between the different channels.

Up to 6 microphones can be open at the same time. The microphone (sold separately) is attached to the unit with a screw-lock connector and is immune to mobile phone interference.

New in this generation is the simplified button layout with a reduced number of physical buttons. It offers delegates a less cluttered, more intuitive user interface so they can focus on what's important without technology getting in the way.

The Confidea family of products uses Li-ion (Lithium-ion) batteries, the best type of battery technology for frequently used and rechargeable electronic equipment. Found in smartphones and tablets, this mature battery technology offers rapid recharging without the need for a full discharge. Li-ion batteries also have a longer lifespan with hardly any deterioration of the battery performance.

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Combined with the smart power management built into Confidea, the batteries will offer maximum autonomy: up to 28 hours on a single charge. A separate adapter even allows batteries to be charged while the system is operational.

To prevent eavesdropping and unauthorized access, the Confidea system has three layers of security built in. First off, the entire system runs on a proprietary communication protocol. Secondly, the open-close door principle ensures that only initialized units can participate in meetings. Finally, the entire systems is secured with a 128 bit AES encryption, both on the audio and on the control. The combination ensures the confidentiality of your meeting and protects the privacy of your delegates at all times.

Benefits

The Confidea G3 combines a sleek, lightweight, and contemporary design with outstanding intelligibility and ease of use. A robust wireless connection ensures the reliability of the meeting. Finally, the myriad of available operating frequencies and countries sets it apart from traditional systems and guarantees flawless operation any place, any time.

The result is a versatile solution, perfectly suited for environments where frequent charging is a must. Think: flexible office spaces, school boards, dinner settings, hotels, and especially rental & event environments.

And last but not least: Confidea G3 is easy to set up and requires no technical skills to get a meeting up and running in the blink of an eye.

Features

- » Built-in high-quality loudspeaker which is automatically muted when the microphone is active, to prevent acoustic feedback.
- » Microphone On/Off or request-to-speak button with one signalling LED per button
- » Headphone output
- » Headphone volume adjustment
- » Channel Up/Down adjustment
- » OLED channel and volume information displays

Indicators

- » Red battery status LED
  - » 4 h remaining: 1 Hz blinking
  - » 2h remaining: 2 Hz blinking
  - » 1h remaining: 4 Hz blinking
- » Blue out of range status LED
  - » Off: connection established
  - » Blinking: searching connection
  - » On: out of range, shutdown after 2 min

Connectivity & Accessories

- » Screw-lock socket to connect a removable microphone.

D-MIC30SL	**71.98.0053**
D-MIC40SL	**71.98.0054**
D-MIC50SL	**71.98.0055**
D-MIC70SL	**71.98.0057**
D-MIC40FF	**71.98.0059**
D-MIC40BC-C	**71.98.0072**
D-MIC40BC-H	**71.98.0073**

- » Two 3.5 mm stereo jack socket for headphones

TEL152 Headphones	**71.04.0154**

- » Battery pack connection

Battery Pack	**71.98.0042**
Battery Charging Tray	**71.98.0043**
Battery Transport Case	**71.98.0044**

Software

- » To fully configure, manage, and use the unit, Televic's CoCon management software is required. The following standard licenses are available:

CoCon Discussion	**71.98.1101**
CoCon Signage	**71.98.1102**
CoCon Interpretation	**71.98.1107**

Certification

Region	Certification
Europe	CE

Specifications

Mechanical

Material	PC/ABS
Color	Black matt, RAL9011
Size (mm)	230 (w) × 130 (h) × 60 (d)
Size packed (mm)	250 (w) × 150 (h) × 90 (d)
Weight	460g
Weight packed	600g

Electrical

Supply	Battery pack
Consumption	Max. 3.5 W
Audio Quality	16 bit digital @ 32 kHz
RF power output	< 20 dBm

Microphone

Audio delay	20 ms (ATM)
Nominal conditions	Bias resistor = 1k2 Vdd = 3.3 V DC SPL = 1Pa
Directivity	Unidirectional
Sensitivity	-43.4 dBV/Pa
Frequency response	130 -15,000 Hz
Impedance	680 Ω
Pick-up pattern	cardioid

Microphone Input

Frequency response	125-22,000 Hz
Input impedance	1 kΩ
Max input level	-21 dBV
Nominal level	-50 dBV
Dynamic range	90 dB
THD @ nominal level	< 0.1% (1 kHz)

Speaker

Frequency response	150-20,000 Hz
Rated speaker power	4 W

Display

Display type	OLED 128 × 64
Character height	5 mm

Headphone Output

Max. output power	80 mW / 32 Ω
Signal to noise ratio	77.5 dBr (A)
Frequency response	100-14,000 Hz
Load impedance	> 16 Ω
THD @ nominal level	0.06% @ 1 kHz in 32 Ω load

Environment

Operating temperature	-5 to 55 °C
Charging temperature	0 to 45 °C

Battery Autonomy & Charging

Capacity	6600 mAh
Autonomy	28 h
Output voltage	7.2 VDC
Charging time	4 h