

Confidea G3 DV

Confidea G3 Wireless Delegate Discussion & Voting 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 G3 DV offers each delegate a microphone and a microphone button. This button activates the microphone instantly, or – in 'Request' mode – after the chairperson provides the delegate the right to speak.

In combination with the CoCon management software, the voting functionality on the Confidea DV expands the possibilities of the unit to be used for electronic voting or opinion polling. Each model is equipped with three voting buttons corresponding to three voting options (YES, ABSTAIN, NO, rendered on the unit's OLED display as +, 0 or - respectively).

Additionally, the third generation Confidea now has an RFID card reader. Delegates can authenticate themselves by inserting an RFID card in the back of the unit. This authentication allows for automatic identification of the speaker or assigning voting rights to a certain individual. A microphone (sold separately) is attached to the unit with a screw-lock connector and is immune to mobile phone interference.

Also 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.

Combined with the smart power management built into Confidea, the batteries will offer maximum autonomy: up to 24 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.

Voting without a Central Unit

In combination with the access point (Confidea WCAP G3 71.98.0033) and a chairman unit (Confidea G3 CV 71.98.0016), basic voting sessions can be performed without the need of a central control unit. The voting session is controlled via the chairman voting control buttons, the results of the session are displayed on the OLED information display of each unit within the system.

IMPORTANT!

The CoCon Discussion (71.98.1101) and CoCon Voting (71.98.1104) software are required for Confidea units with voting functionality. The CoCon Authentication (71.98.1105) software is required if RFID cards are used.

Features

- » Three voting buttons
- » OLED voting results display (only available in WCAP standalone mode)
- » 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 two signalling LEDs
- » RFID badge reader
- » Two headphone outputs
- » One headphone volume adjustment

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
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- » RFID card for authentication

RFID Badge	71.43.2001
RFID Reader/Writer	71.43.2002

- » 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 Voting	71.98.1104
CoCon Authentication	71.98.1105

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	580g
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 dB (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	24 h
Output voltage	7.2 VDC
Charging time	4 h