

Confidea CV G3

Confidea G3 Wireless Chairman 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 CV G3 offers each delegate a microphone and a microphone button. This button activates the microphone instantly. The chairman unit has direct control over who's up next through the Next-in-line button. Additionally, he can override all other microphones and take the floor through the Priority button.

In combination with the CoCon management software, the voting functionality on the Confidea CV 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). Results are either displayed instantly

during the voting process, or only the final results after closing of the vote. The chairman has voting session control buttons at his or her disposal.

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 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, reliable 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.

Voting Without a Central Unit

In combination with the access point (Confidea WCAP G3 71.98.0033) and a chairman unit (Confidea CV G3 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
- » Voting session control buttons
- » 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
- » Priority button
- » Next-in-line button
- » RFID badge reader
- » Two headphone outputs
- » One headphone volume adjustment
- » General volume control

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

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|--------------------------|-------------------|
| TEL152 Headphones | 71.04.0154 |
|--------------------------|-------------------|

- » RFID card for authentication

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|---------------------------|-------------------|
| 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 |
| CoCon Authentication | 71.98.1105 |

Software

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

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|-----------------------------|-------------------|
| 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 |
| Card reader | ISO 14443 MIFARE Card Reader DESfire EV1 support |
| 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 _r (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 |