

# Confidea DD G3

## Confidea G3 Wireless Delegate Discussion 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 DD G3 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. 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. 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 system 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 two signalling LEDs
- » 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.

|                    |                   |
|--------------------|-------------------|
| <b>D-MIC30SL</b>   | <b>71.98.0053</b> |
| <b>D-MIC40SL</b>   | <b>71.98.0054</b> |
| <b>D-MIC50SL</b>   | <b>71.98.0055</b> |
| <b>D-MIC70SL</b>   | <b>71.98.0057</b> |
| <b>D-MIC40FF</b>   | <b>71.98.0059</b> |
| <b>D-MIC40BC-C</b> | <b>71.98.0072</b> |
| <b>D-MIC40BC-H</b> | <b>71.98.0073</b> |

- » Two 3.5 mm stereo jack socket for headphones

|                          |                   |
|--------------------------|-------------------|
| <b>TEL152 Headphones</b> | <b>71.04.0154</b> |
|--------------------------|-------------------|

- » Battery pack connection

|                               |                   |
|-------------------------------|-------------------|
| <b>Battery Pack</b>           | <b>71.98.0042</b> |
| <b>Battery Charging Tray</b>  | <b>71.98.0043</b> |
| <b>Battery Transport Case</b> | <b>71.98.0044</b> |

## Software

- » To fully configure, manage, and use the unit, Televic's CoCon management software is optionally available, but not required. The following standard licenses are available:

|                         |                   |
|-------------------------|-------------------|
| <b>CoCon Discussion</b> | <b>71.98.1101</b> |
| <b>CoCon Signage</b>    | <b>71.98.1102</b> |

## 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<br>Vdd = 3.3 V DC<br>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                        |