

Confidea WCAP G3

Generation III

Wireless Conference Access Point

Art. 71.98.0033



Description

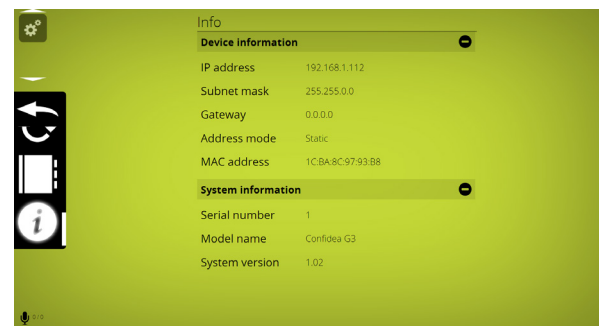
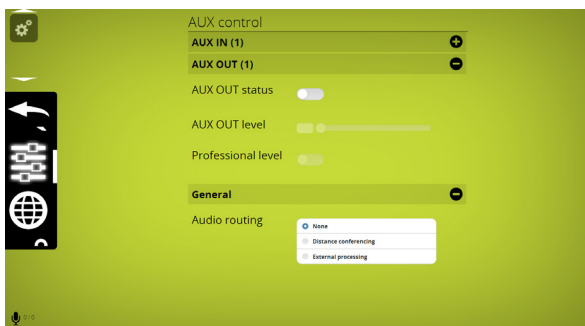
Confidea® G3 is the 3rd generation of Televic's renowned wireless conference system. This Quad Band system operates in the 2.4 GHz and 5 GHz area of the RF spectrum and offers a large amount of possible operating frequencies in four different bands.

The 3rd generation Confidea WCAP+ is a real power horse that can act as a full central unit in a stand-alone configuration. This presents significant cost savings as for a wireless-only set-up no extra central unit is required. It also means that such a set-up is extremely easy to deploy and even the not so technically savvy can have a system out of the box and fully up and running in minutes.

The new, more powerful built-in webserver offers all necessary functionality for basic set-up and control through a regular browser. In this way, no additional software is required for basic discussion applications representing yet another cost saving.

The web interface adapts to the device that is used so the system can just as well be controlled from a desktop, a tablet or a smartphone.

Through the browser, microphone status is displayed and delegate microphones can be switched on and off through a simple mouse click. Easy for when someone left his or her microphone open accidentally.



The new web interface also allows creating microphone groups and adding name labels without any additional software: an absolutely unique feature.

The updating of the system with newer software has been made simpler and can be carried out through the same web interface.



The audio in- and outputs make it easy to connect the Confidea system to external systems.

The 'external processing' setting allows the integration of mixing or audio processing equipment.

The audio connections also allow an easy integration in a video conferencing setup. In this case, the mix-minus or N-1 setting prevents echo caused by audio feedback from the far end. But also a less complex addition to the system such as a handheld wired or wireless microphone is a piece of cake using the input jack.

In more advanced and complex installations, the Confidea system can be controlled via the fully compatible CoCon Control software. This opens up all functionalities that this software suite has to offer: delegate management, agenda management, synoptic view, room display and complex voting management.

A single WCAP has a range of 30m in "open field"

Accessories

- Confidea APPS 71.98.0041
Access point power supply

Connectivity

- Power connector
- RJ45 LAN connection
- RJ45 in from central control unit (future functionality)
- RJ45 out to next access point (future functionality)
- 6.3 mm jack balanced analog in
- 6.3 mm jack balanced analog out
- Two overload activity LEDs
- 3 R-SMA antenna connectors

Specifications

Electrical	
Supply voltage	24 DC (+/- 10%)
Ethernet port	LAN, TCP/IP
Modulation	OFDM
Transmitting power	< 20 dBm

System	
Sample rate	max. 32 kSps
Sample width	max. 24 bits
Number of audio channels	max. 64
Frequency response	20 - 16000 Hz

Setting 1: Professional input levels	
Nominal input level	+ 4 dBu
Max. input level	+ 24 dBu
Frequency response	20 - 16000 Hz
Total Harmonic Distortion	0.1% (@ nominal level, 1 KHz)
Dynamic Range	Min. 90 dB
Input impedance	10 kOhm

Setting 2: Consumer input levels	
Nominal input level	-10 dBV
Max. input level	+ 10 dBV
Frequency response	20 - 16000 Hz
Total Harmonic Distortion	0.1% (@ nominal level, 1 KHz)
Dynamic Range	Min. 90 dB
Input impedance	10 kOhm

Setting 1: Professional output levels	
Nominal output level	+ 4 dBu ($Z_{load} = 600\Omega$)
Max. output level	+ 24 dBu ($Z_{load} = 600\Omega$)
Frequency response	20 - 16000 Hz
Total Harmonic Distortion	0.1% (@ nominal level, 1 KHz)
Dynamic Range	Min. 90 dB
Load impedance	Min. 600 Ohm

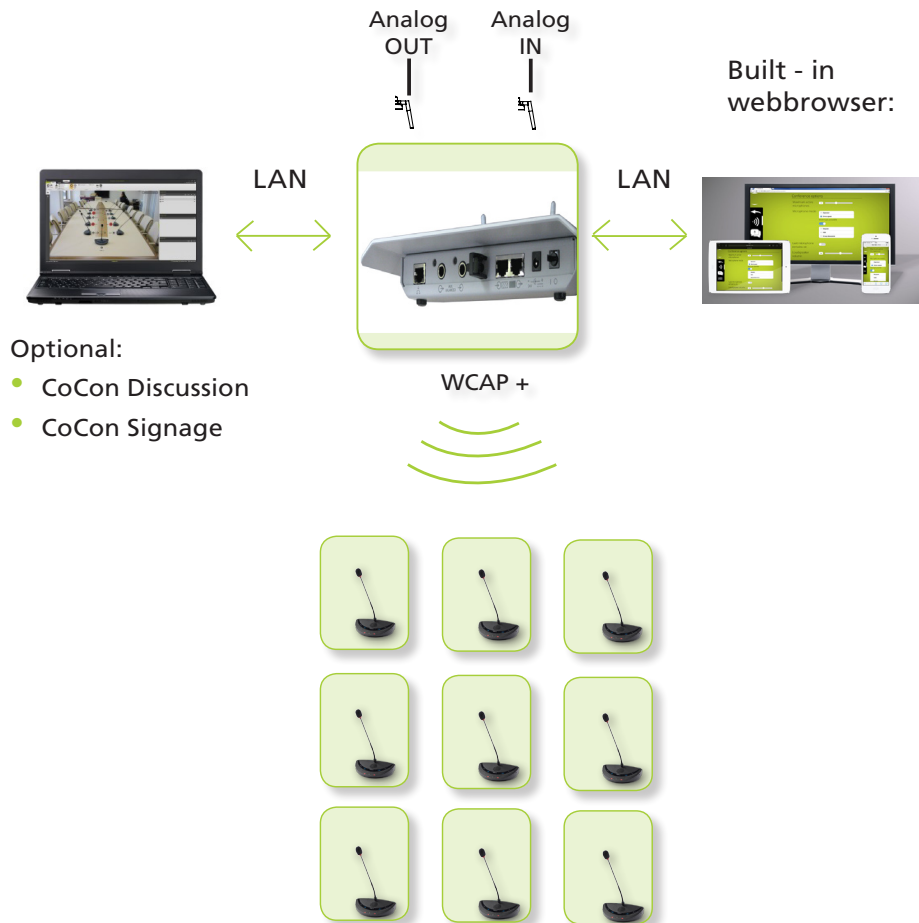
Setting 2: Consumer output levels	
Nominal output level	-10 dBV ($Z_{load} = 10\text{ k}\Omega$)
Max. output level	+10 dBV ($Z_{load} = 10\text{ k}\Omega$)
Frequency response	20 - 16000 Hz
Total Harmonic Distortion	0.1% (@ nominal level, 1 KHz)
Dynamic Range	Min. 90 dB
Load impedance	Min. 600 Ohm

Environment	
Fan noise	no fan
Operation temperature	5-50°C

- Maximum 2048 units
- Maximum of open microphones : 6
- Battery Autonomy: + 28 hours
- Camera control on webserver
- Maximum number of chairmans:
 - Stand alone mode : unlimited
- Microphone modes:
 - Direct access
 - Chairman always get the floor
 - VOX
 - Group 1-6
 - Override

For further information, see the Confidea G3 manual.

Connection Diagram (without voting)



Connection Diagram (With voting)

