

**DIGIMIC®**

Docking unit for wireless applications - DDoc



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**Description**

The docking station DDoc transforms the delegates unit DMic and the chairmans unit DChair into a wireless discussion unit. No need for any hard wired cable. DDoc has a powerful rechargeable battery and works seamless as part of a wireless communication protocol that is both stable and reliable.

The transformation of the wired DIGIMIC delegate units is done easily by unplugging the cable and sliding the DMic onto the docking station.

This solution introduces flexibility previously unavailable for rental and/or sales installation projects.

The wireless DIGIMIC system is based on an intelligent transmission protocol, which maintains the audio quality and reliability of a wired conference system, combined with the flexibility and freedom of wireless technology.

**Technical Data**

The DDoc complies with international standard IEC914

**Digital audio**

- High quality digital audio:  
Sample Rate: 48kHz  
Frequency response: 20 - 20,000 Hz
- Latency time: approx. 6ms latency time of microphone signal

**Docking unit**

- Docking/data interface for delegate and chairperson unit
- Connection bay for rechargeable battery

**Transmission protocol**

- Adaptive Frequency Hopping
- Dynamic Frequency Diversity System (DFDS)
- Forward Error Correction (FEC) with Spread Spectrum Method (SSM)

**Ensures**

- Co-existence with all fixed frequencies such as WiFi
- Self-adjusting to on-site frequency usage conditions
- Continuous audio flow w/o interruption
- Secure encrypted audio transmission against interception
- Low susceptibility to mobile phone interference, Bluetooth, UMTS, WiFi etc.
- Parallel operation of several wireless systems in different rooms

**Rechargeable Battery**

- Operation time up to 20 hours
- Recharging cycles over 1,000 times (over 5 years usage)
- Charging status indication
- Charging tray for up to 10 rechargeable batteries
- The rechargeable battery can easily be replaced, even during system operation
- 3.7 VDC, 13.2 Ah

**Housing**

- housing: plastic, black
- W x H x D: (162 x 21/66 x 187) mm approx. (6.4 x 0.8/2.6 x 7.4) inch
- Weight: 560 g (875 g incl. DMic with microphone)

**Other system components**

- **DChair** Chairpersons' Conference Unit
- **DMic** Delegates' Unit
- **CMic** Delegates' Unit Classic
- **DSpark** Radio Transceiver Unit for wireless system
- **TMD/01** Conference Microphone with ring-shaped live indicator and integrated wind shield functionality, gooseneck
- **TM58/6** Conference Microphone
- **DTray** Charging and transport tray for 10 rechargeable batteries for DDoc