

# Comfort Digisystem product information

## Conference Microphone DC10



# Advanced conference microphone

### Conference Microphone DC10

The DC10 is one of the main Comfort Digisystem units. Despite its size and appearance, it is actually an advanced microphone, sound processor and transmitter. It captures the sound, cleans it up by removing all the racket and impulse noise, and then brings out speech which it transmits to your wireless receiver. The sound reaching the receiver is crystal clear.



### Unique characteristics

**SST (Secure Stream Technology) – Digital sound transfer**  
This unique digital sound transfer between the transmitter and the receiver eliminates all transmission noise. Moreover, the signals are encrypted, so no one can overhear what is being said. Unlike other conventional encrypted systems, SST is free from time lag and crystal clear.

### PSE (Perceptual Speech Enhancement) – Digital sound processing

The Conference Microphone DC10 is equipped with a unique high-power sound processing technique. The algorithms used to make this sound processing possible are the result of more than 20 years of research. Its main characteristic is the emphasis of the significant parts of speech whereas at the same time noise, hiss and echoes are suppressed.

# Conference Microphone DC10

## General

**Size:** 115 x 62 x 14 mm

**Weight:** 90 g

## Sound processing

**PSE:** Perceptual Speech enhancement – unique technique to emphasize speech; up to 20 dB improvement of signal-to-noise ratio.

**Directional microphone:** Zoom microphone for close range with strong suppression of surrounding sound.

**Transient Control (or suppression of impulse sound):** Suppression of unpleasant sounds and reduction to a comfortable level.

**Noise reduction:** Adaptive, dynamic

**Adaptive AGC (Automatic Gain control):** Automatic adjustment of sound level according to environment and distance. Easily adjustable by different sound reception positions.

## Radio Transmission

**SST:** Secure Stream Technology – FSK, encrypted digital sound transfer.

**FFC:** Free Frequency Check – indicates the suitable frequencies in the specific environment.

**FFC dB:** Indicates the radio interference level in dB for the chosen channel.

**Frequencies:** 768 – 872 MHz

**Range:** Approx. 30 m

## Technical specifications

**Type of transmitter:** SST

**Antenna:** Built-in

**Microphones:** Combination of 4 built-in microphones, directional and omni-directional

**Microphone modes:** Music, Omni-wide, Omni-narrow, Zoom

**Connections:** Mic/Line-in; socket for testing with headphones

**Mobile telephone:** Double headset/handsfree via Bluetooth 2.0

## User interface

**Display:** Coloured

**Menu:** Easy to navigate; automatic energy saver

**Menu languages:** English, Swedish, Danish, Norwegian, Finnish, French, German, Dutch

**Function indicator:** Easy-to-read, coloured status information

**Manual:** USB or [www.comfortaudio.com](http://www.comfortaudio.com)

## Power supply

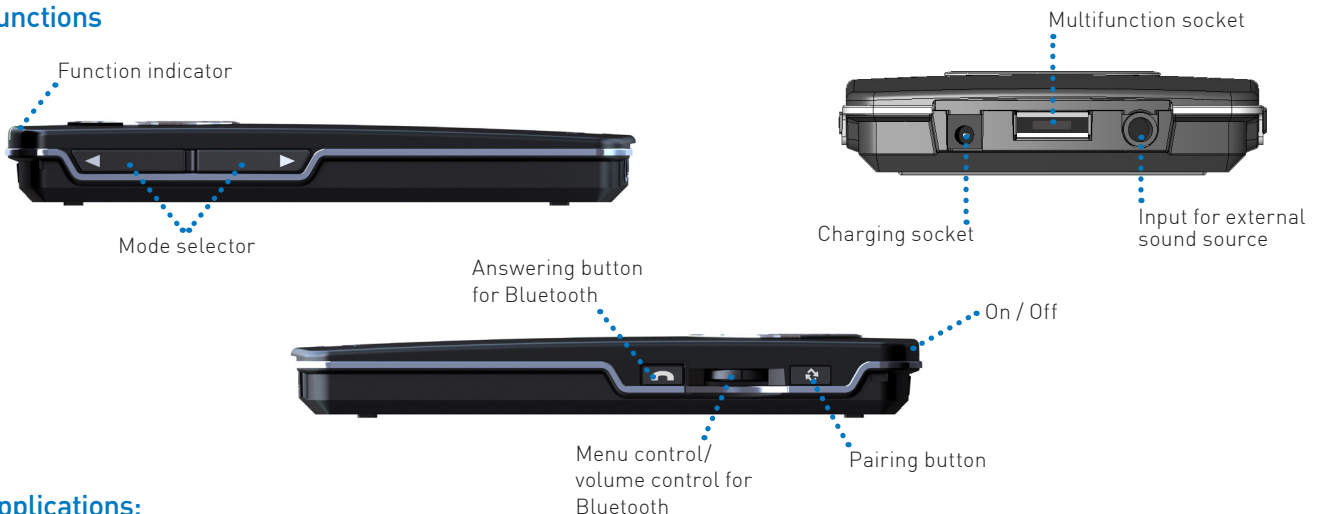
**Battery:** Chargeable Li-Polymer

**Operating time:** Up to 10 hours

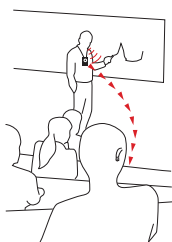
**Charging:** Overcharging protection, automatic float charging

**Charging time:** Approx. 5 hours, 90% after 2,5 hours; can be charged during use.

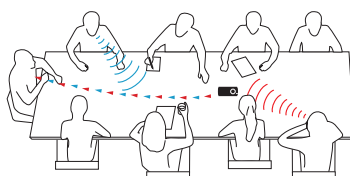
## Functions



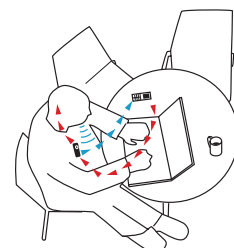
## Applications:



Lecture



Meeting or conference



Mobile telephone (Bluetooth)