

Conference Microphone DC-10

Perfect for hearing impaired educationalists

 SecureStream  
Technology

# Advanced digital microphone

The DC-10 Microphone is an advanced microphone, sound processor and transmitter. It captures voices from your classroom, cleans it of all background racket and emphasises the speech frequencies, which it then transmits to your wireless receiver without any perceptible delay. Use the DC-10 in your classroom together with one of our digital receivers and you'll be amazed at how clearly you will hear what's being spoken.

You'll never hear clearer sound from competitor's analogue microphones!

#### Unique characteristics

SST (Secure Stream Technology) – all-Digital sound transfer.

The DC-10's sound transfer technology eliminates all transmission noise. The signals are also encrypted so they can't be overheard. SST is crystal clear and free from time lag. The DC-10 is a powerful conference microphone that can be placed on a desk or table to allow speech in the classroom to be picked up and transmitted clearly to the hearing impaired user's Comfort Audio wireless receiver.

PSE (Perceptual Speech Enhancement) – Digital sound PROCESSING.

The DC-10 microphone is equipped with a unique high-power sound processing technology. This is the result of over 20 years of research into the presentation of speech whilst suppressing noise, hiss and echoes.



#### 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 DC-10 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 DC-10 General Technical Specifications

### 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, French, German, Dutch

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

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

### Power supply

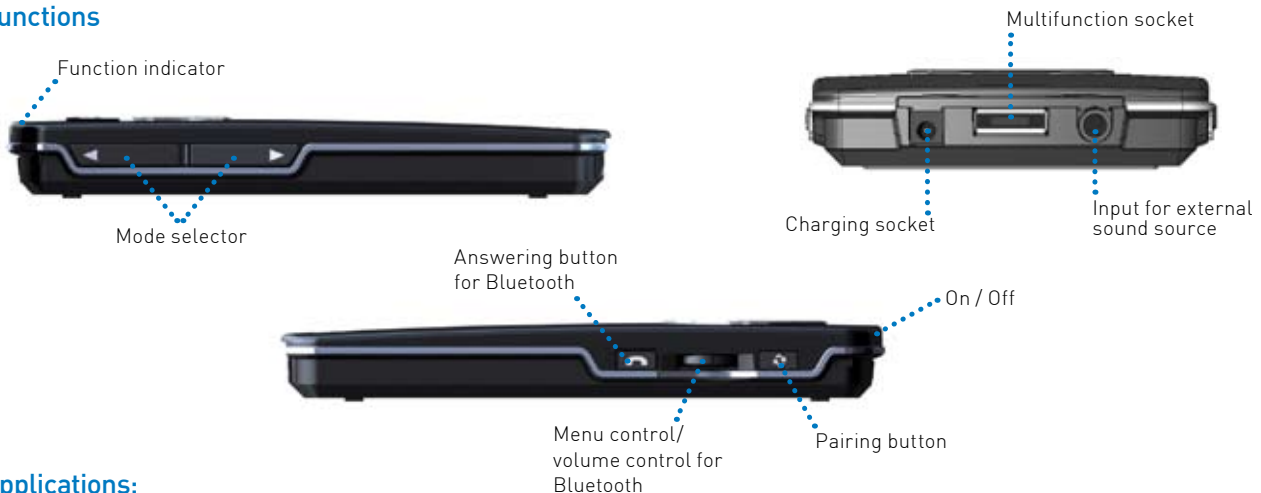
**Battery:** Chargeable Li-Polymer

**Operating time:** Up to 10 hours

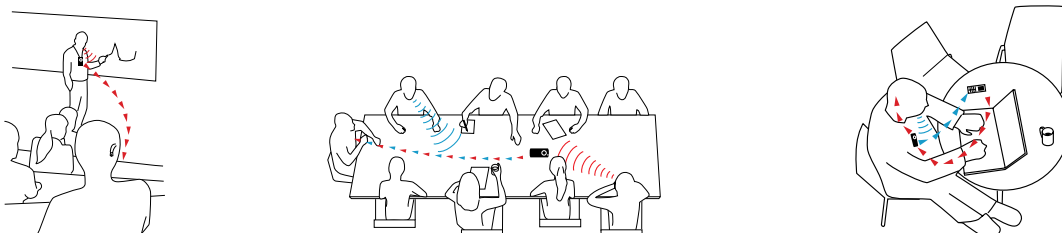
**Charging:** Overcharging protection, automatic float charging

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

### Functions



### Applications:



SPECIFICATION CAN BE SUBJECT TO CHANGE WITHOUT NOTICE

THE UK'S LEADING SOURCE OF AUDIOLOGICAL INSTRUMENTS