

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.



Comfort Audio
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Technical facts

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.

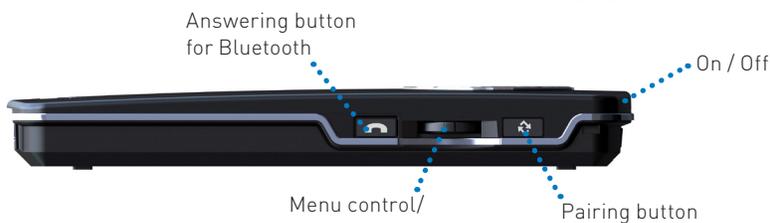
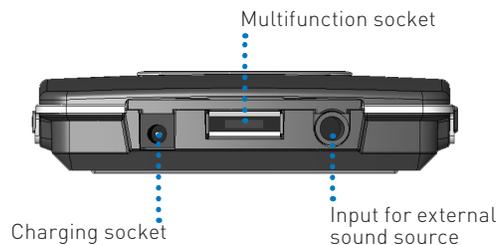
Directional microphone: Zoom microphone for close range with strong suppression of surrounding sound.

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

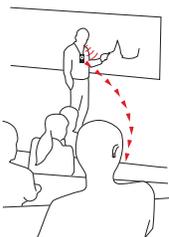
Noise reduction: Adaptive, dynamic

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

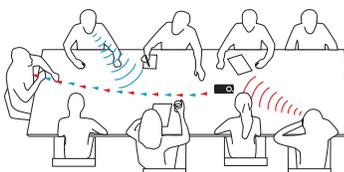
Functions



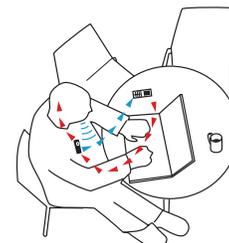
Applications:



Lecture



Meeting or conference



Mobile telephone (Bluetooth)

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: 904 – 927 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: Colored

Menu: Easy to navigate; automatic energy saver

Menu languages: English, French, Spanish

Function indicator: Easy-to-read, colored status information

Manual: USB or 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.

Canadian Distributor:

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