

Comfort Digisystem product information

Conference Microphone DC20



The complete tool for school and working life

Conference Microphone DC20

DC20 is a conference microphone for both short and long distances. Placed e.g. in the middle of a conference table, it captures the voices of the people sitting around. The advanced digital sound processing technique filters the speech, removes disturbing noises and transmits it to the wireless receiver – in crystal clear sound quality.

The conference microphone DC20 is even equipped with a receiver. Sound can be received from other Digisystem microphones and sent on to one or more receivers. Due to this SST-receiver, it is possible to listen to several sound sources at the same time.

The DC20 can be connected to mobile telephones via Bluetooth and to land line telephones via the original accessory Telink. The conference microphone can also be used via remote control which will be available as an accessory.



Unique characteristics

SST (SecureStream 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 DC20 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
HEAR THE FUTURE

Conference Microphone DC20

General

Size: 115 x 62 x 14 mm

Weight: 90 g

Sound processing

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

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

Transient Control: 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.

Special functions

Built-in receiver: SST – receiver, sound level easily adjustable.

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

Technical specifications

Type of transmitter: SST

Type of receiver: SST

Antennas: 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

Land line telephone: Via original accessory Telelink

Mobile telephone: Double headset/handsfree via Bluetooth 2.0

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 transmitter (1): 852 - 872 MHz

Frequencies receiver (1): 824 - 849 MHz

Frequencies transmitter (2): 852 - 872 MHz

Frequencies receiver (2): 769 - 785 MHz

Range: Approx. 30 m

Power supply

Battery: Chargeable Li-Polymer

Operating time: Up to 8 hours

Charging: Overcharging protection, automatic float charging

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

Remote DC05

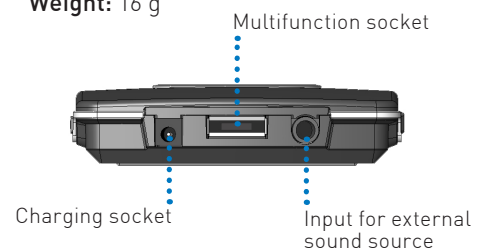
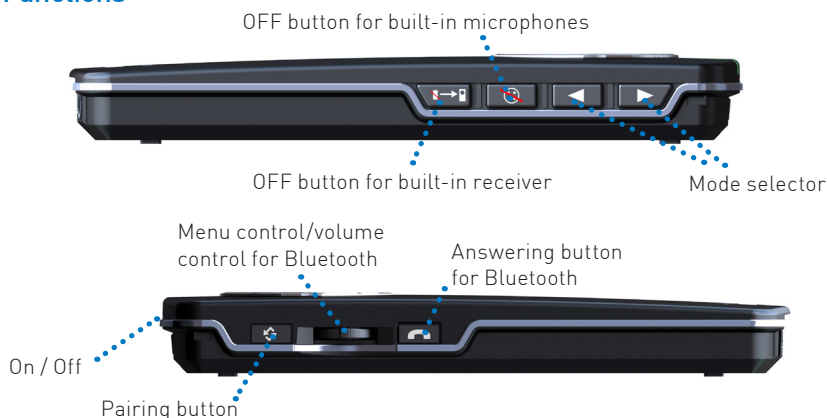
Enables the user to place the Conference Microphone DC20 in position for best possible sound pick-up, even when the presenters microphone needs to be adjusted. With the Remote DC05 the user also can change between a large or a small sound pick-up range.

Size: 33 mm x 87 mm

Weight: 16 g



Functions



Applications:

