

Comfort Digisystem product information

Microphone DM10



The all round lecture microphone

Microphone DM10

The DM10 is a small lecture microphone which can be attached to the clothes with a clip or be used with an external microphone. The digital transmission is coded and completely secure. The DM10 is equipped with a special speech function called AGC which keeps the sound level comfortable at any time.

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 conventional encrypted systems, SST is free from time lag.

FCR – Free Channel Request

This function makes it impossible to talk at the same time; a pupil's transmitter can only be activated when the channel is free. Like this, the student transmitters cannot disturb each other and it is possible to use as many microphones as you wish in one classroom.

Function button

This button can be programmed with different functions: push-to-talk, switch the microphone on/off, or – as Master Unit – switch the incoming pupil voices on/off.



Comfort Audio
HEAR THE FUTURE

Technical facts

Microphone DM10

General

Size: 84 x 39 x 14 mm

Weight: 45 g

Color code: The DM10 is delivered with color plates which can replace the black plates on the back.

User interface

Display: Coloured

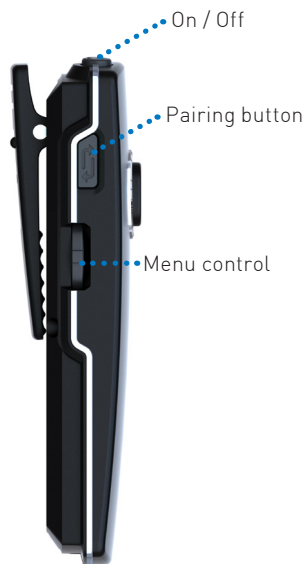
Menu: Easy to navigate; automatic energy saver

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

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

Manual: USB or www.comfortaudio.com

Functions



Special functions

Mute switch: No signal is sent when the button is pushed.

Push to talk: Push the button to send.

Push/Cont: Combination between "push to talk" and continual sending.

PIN-code: Functions can be locked with a PIN-code.

Power supply

Battery: Chargeable Li-Polymer

Operating time: Up to 10 hours

Charging: Overcharging protection, automatic float charging

Charging time: Approx. 2 hours, 90% after 1 hour; can be charged during use.

Sound processing

Microphone: Omni-directional microphone.

Adaptive AGC (Automatic Gain control): Automatic adjustment of sound level according to environment and distance.

Technical specifications

Type of transmitter: SST

Antenna: Built-in

Microphone: Built-in

Connections: Mic/Line in

Radio Transmission

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

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

FCR: Free Channel Request - This function prevents the DM10 from sending on frequencies which are already taken by other transmitters, e.g. when several DM10 are set to "push to talk".

FCR-indicator: When activated, the function indicator shows red if the channel is occupied.

Frequencies transmitter: 768 - 872 MHz

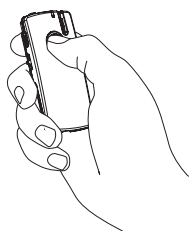
Range: Approx. 30 m



Applications:



Lecture



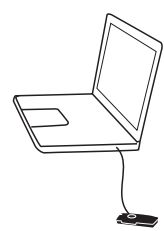
Push to talk



Lecture with a clip-on microphone



Conversation



External sound source

101028