



## **Technical description of Comfort Contego**

The system consists of one transmitter Comfort Contego T900, and one receiver Comfort Contego R900.

The transmitter is picking up sound by means of an inbuilt microphone. The sound is amplified and converted to digital format and transmitted to, via radio, the receiver. The receiver converted the radio signal to analogue audio and amplifies it. The user can listen via headphones or neck-loop.

The Comfort Contego Transmitter and Receiver are paired together. The digital transmission gives a very good speech reception. The system is a Binary (two-level) FSK modulation, operation in 902-928 MHz band with a 6dB bandwidth greater than 500KHz and continuous transmission. The system is used in a classrooms or business presentation environments.

The Comfort Contego Transmitter and Receiver have an inbuilt LiJon, 3.6 Voltage, battery. The battery is charged via a power supply, that is connected to the mains.