

INFRARED RADIATOR ARCHITECT AND ENGINEER SPECIFICATIONS

The infrared radiator shall distribute infrared digital signals throughout a conference venue. It shall enable a participant to listen to the interpreted languages with a wireless receiver. The radiator shall have an infra-red output of 16 Wpp and shall cover up to 1300 m².

There shall be two loop-through connectors to connect up to 30 radiators together to each output of the IR transmitter. The digital infrared radiator shall provide LED status indicators for communication between the radiator and transmitter. The unit shall have adjustable delay compensation.

The digital infrared radiator shall provide automatic switching when the transmitter is switched on and off, automatic gain control to ensure the IR-LEDs function with maximum efficiency, automatic cable equalization to ensure maximum transmission efficiency with different quality of cables and automatic cable termination to simplify installation.

There shall be temperature protection circuitry to automatically reduce the radiator from full to half power if the internal temperature becomes too high.

The radiator shall be supplied with a bracket for mounting to wall, ceiling, or floor stand. The brackets shall allow adjustments to the mounting angle to aim the radiator toward the desired area.

The digital infrared radiator shall have mains voltage of 90 to 260 V, 50 to 60 Hz. The digital infrared radiator model shall measure 200 mm in height, 500 mm in width and 175 mm in depth. The unit shall weigh 6.8 kg.

The digital infrared radiator shall be a DIS model RA 6013.