

HCS-5100T/25B Digital Infrared Radiator



Features

- Compliant with ISO 22259
- Compatible with any other IR simultaneous interpretation system compliant to IEC 61603-7
- Standby indication, working indication, failure indication
- Installation: fixed up by bracket or tripod (various mounting methods supported), 13 radiation angles
- Half-transmitting angle : $\pm 22^\circ$
- Emission power: 25 W
- Power consumption: 62 W
- Maximum radiation range: 50 meters
- Synchronization ON/OFF with transmitter
- Automatic gain control
- Temperature control: if temperature is too high, control switches to half-power with LED indication
- Manual half-power switch on the rear, convenient for small conferences
- Delay compensation for differences in cable lengths between transmitter and radiators

The radiator receives carrier signals generated by the transmitter and emits infrared radiation, carrying up to 40 audio distribution channels. Radiators are connected to the HF (BNC) connectors of the IR transmitter. A maximum of 30 daisy chained radiators can be connected to each output.

Controls and Indicators

- Power indicator
- Temperature protection indicator
- Input signal indicator
- Fault indicator
- Output power switch
- Delay compensation indicator
- Delay compensation buttons (-/+)

Interconnections

- HF input and output connectors (2 x BNC) for connection to transmitter and loop-through to other radiators

Technical Specifications

Electrical and optical

Modulation	.....	DQPSK, according to IEC 61603-7
Modulation frequency	.....	1 to 8 MHz
	.....	Carriers 0 to 5; 2 to 6 MHz, according to IEC 61603-7
Angle of half intensity	.....	$\pm 22^\circ$
HF input/output	.....	75 Ohm
Power supply	.....	AC 100 V - 240 V, 50 Hz / 60 Hz
Power consumption	.....	62 W
Power consumption (standby)	.....	3 W

Mechanical

Mounting	.....	Suspension bracket for direct ceiling mounting; mounting plates for floor stands; wall mounting bracket HCS-5100TBZJ can be used for fixing radiator to wall surfaces
Dimensions h x w x d (mm)	.....	212 x 448 x 110
Weight	.....	3.1 kg
Front color	.....	Red (PANTONE 476 C)

Ordering Information

HCS-5100T/25B.....25W Digital Infrared Radiator (delay compensation function, 75 Ω , switching mode power supply, without fan)