HCS-5100T/15S
Multi-Channel Digital Infrared Radiator

Features

- **Compliant to IEC 61603-7 and IEC 60914**
- **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), 10 radiation angles**
- **Half-transmitting angle : ±22°**
- **Emission power: 15 W**
- **Power consumption: 35 W**
- **Maximum radiation range: 30 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 32 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:	
Carriers 0 to 5	2 to 6 MHz, according to IEC 61603-7
Carriers 6 and 7	Up to 8 MHz
Angle of half intensity	$\pm 22^0$
HF input	Nominal 1 Vpp, minimum 10 mVpp, 75 Ohm
HF output	1 Vpp, 6 V DC, 75 Ohm
Power supply	AC 100 V-120 V 60 Hz or AC 220 V-240 V 50 Hz
Power consumption	35 W
Power consumption (standby)	8 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)	245 × 450 × 145
Weight	5.0 kg
Front color	Claret

Ordering Information

HCS-5100T/15S   Multi-Channel Digital Infrared Radiator
(15 W, 75 Ω)

HCS-5100T/25S
Multi-Channel Digital Infrared Radiator

Features

- **Compliant to IEC 61603-7 and IEC 60914**
- **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), 10 radiation angles**
- **Half-transmitting angle : ±22°**
- **Emission power: 25 W**
- **Power consumption: 75 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 32 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:
 Carriers 0 to 5................2 to 6 MHz, according to IEC 61603-7
 Carriers 6 and 7................Up to 8 MHz
Angle of half intensity................$\pm 22^0$
HF input................Nominal 1 Vpp, minimum 10 mVpp, 75 Ohm
HF output................1 Vpp, 6 V DC, 75 Ohm
Power supply........AC 100 V-120 V 60 Hz or AC 220 V-240 V 50 Hz
Power consumption................75 W
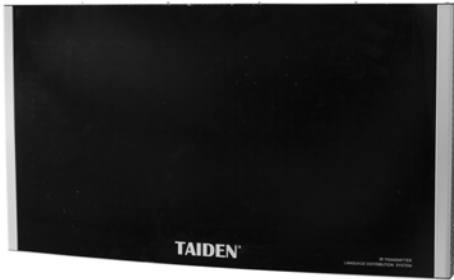Power consumption (standby)................8 W

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)................245 × 450 × 145
Weight................5.0 kg
Front color................Claret

Ordering Information

HCS-5100T/25S................Multi-Channel Digital Infrared Radiator
(25 W, 75 Ω)

HCS-5100T/35S
Multi-Channel Digital Infrared Radiator

Features

- **Compliant to IEC 61603-7 and IEC 60914**
- **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), 10 radiation angles**
- **Half-transmitting angle: ±22°**
- **Emission power: 35 W**
- **Power consumption: 150 W**
- **Maximum radiation range: 97 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 32 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:	
Carriers 0 to 5	2 to 6 MHz, according to IEC 61603-7
Carriers 6 and 7	Up to 8 MHz
Angle of half intensity	$\pm 22^0$
HF input	Nominal 1 Vpp, minimum 10 mVpp, 75 Ohm
HF output	1 Vpp, 6 V DC, 75 Ohm
Power supply	AC 100 V-120 V 60 Hz or AC 220 V-240 V 50 Hz
Power consumption	150 W
Power consumption (standby)	8 W

Mechanical

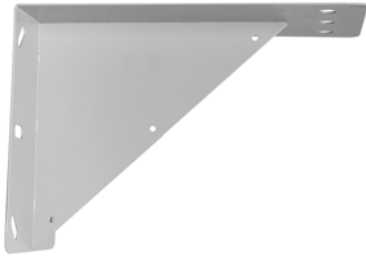|	
Mounting	Suspension bracket for direct ceiling mounting; mounting plates for floor stands; wall mounting bracket HCS-5100TBZJ can be used for fixing radiator to wall surfaces
Dimensions h x w x d (mm)	305 × 500 × 145
Weight	6.5 kg
Front color	Claret

Ordering Information

HCS-5100T/35S — Multi-Channel Digital Infrared Radiator (35 W, 75 Ω)

HCS-5100TBZJ
Wall-Mounting Bracket

Features

■ **Wall mounting bracket, can be used for fixing radiator to wall surface**

Technical Specifications

Mechanical

Dimensions h x w x d (mm)..203× 200 × 285
Weight...1.6 kg
Color...Silver

Ordering Information

HCS-5100TBZJ..Wall-Mounting Bracket