

# TAIDEN®

## Digital Infrared Wireless Listening System for Massive Use



## Dedicated listening system for massive use

Still seeking for a compact and budget audio distribution system for 80,000 ball game spectators or hundreds of thousands of church attendees? Here is the solution for you!

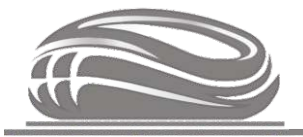
### Features

- Specially designed for massive multi-track audio distribution to individuals at churches, cinemas or auditoria
- Compact and economical solution featuring ease of use and management
- Free from radio interferences
- Ideal for outdoor use even in bright sunlight
- Engaging audiences with hearing loss
- Breaking down language barriers
- Keeping wearers in the loop in the event of a quick exit
- Superb audio clarity:
  - ◆ Frequency response: 20 Hz - 20 kHz
  - ◆ S/N: >85 dBA
  - ◆ THD: <0.06%



TAIDEN TDIR04  
Digital Infrared Processing Chip

### At sporting events



### At religious assembly



## HCS-5900M Digital Infrared Wireless System Main Unit

- 8 HF output connectors for Digital Infrared Radiators
- Allowing for remote control, central control and system upgrade with connection to PC via TCP/IP protocol
- USB interface for lossless recording or input of streaming audio from PC
- Multiple audio input/output connectors for external audio devices
- 1 microphone input interface can be prioritized and phantom powered
- Allowing for centralized control with connection to the central control system via RS-232
- Dimensions (w×d×h, mm): 483×208×43 (1U high)

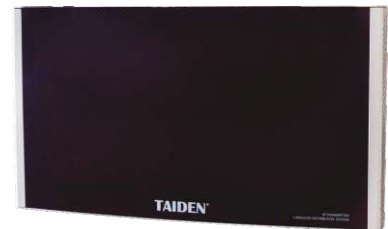


HCS-5900M

Model	Interpretation Channel
HCS-5900M/01	1
HCS-5900M/02	2
HCS-5900M/03	3
HCS-5900M/04	4

## HCS-5900T Digital Infrared Radiator

- Immune to interferences from HF driven lights by using 2.333 MHz frequency
- Angle of half intensity:  $\pm 22^\circ$
- Emission power: 35 W
- Power consumption: 120 W
- Maximum radiation range: 97 meters
- Mounting on tripod or by brackets with adjustable radiation angle



HCS-5900T

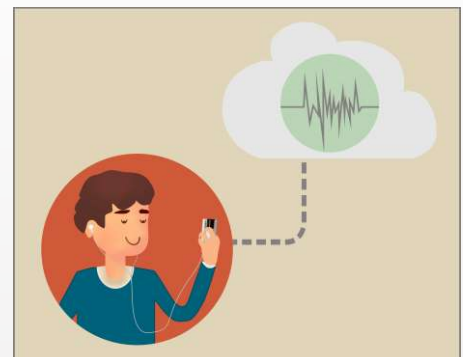
## HCS-5900R Digital Infrared Receiver

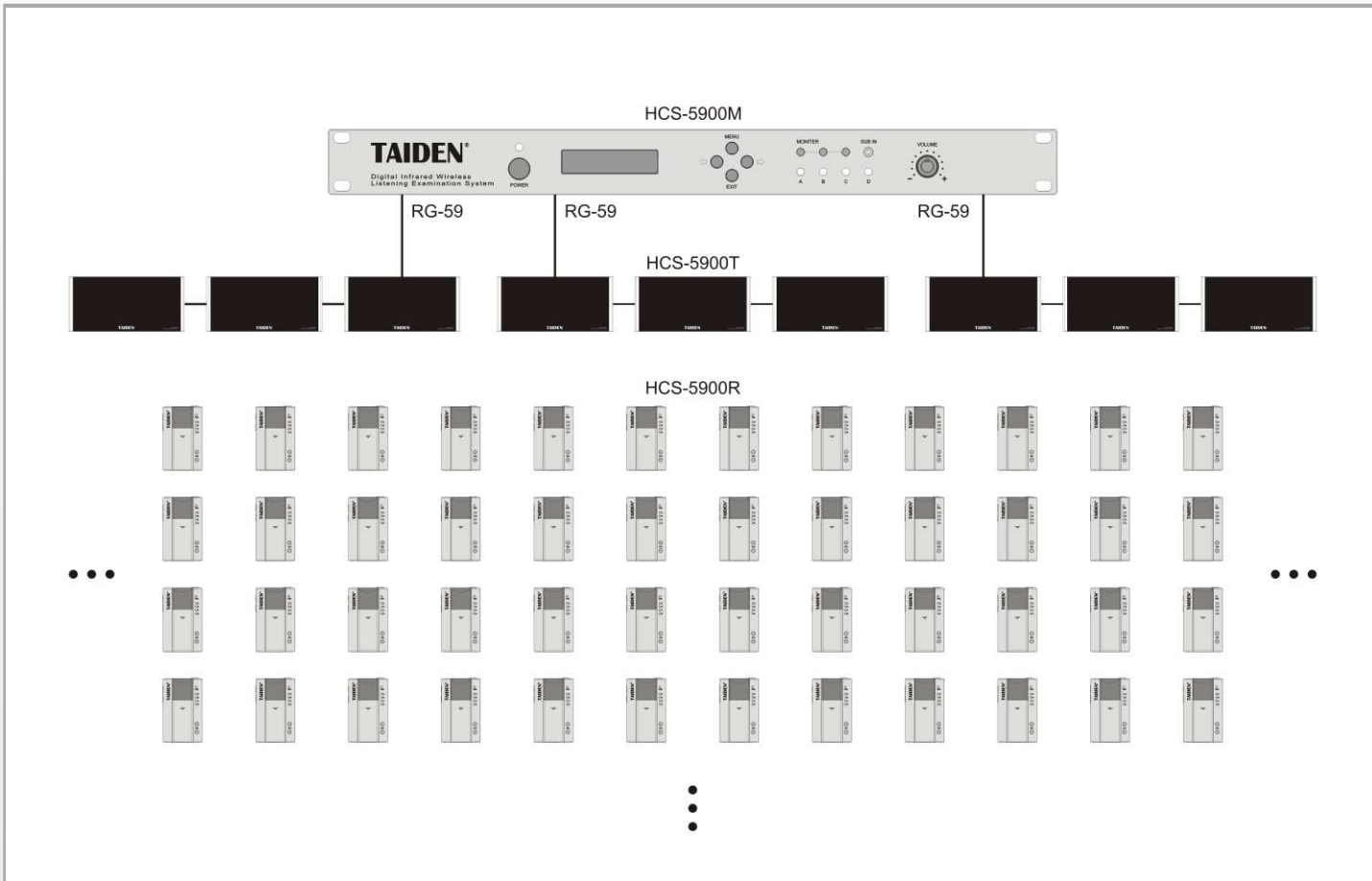
- Ergonomically compact and elegant design
- Immune to interferences from HF driven lights by using 2.333 MHz frequency
- Selection from up to 4 channels via up/down button
- Adjustable volume
- Infinite number of receivers within the radius of IR signal
- Functioning perfectly even in bright sunlight
- No power consumption when disconnected from headphones
- Up to 22 hours battery life (2×AAA alkaline batteries)
- Headphones output: 10 mW

Model	Interpretation Channel
HCS-5900R/01	1
HCS-5900R/02	2
HCS-5900R/03	3
HCS-5900R/04	4

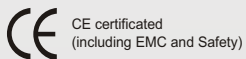


HCS-5900R





ISO9001: 2008  
Certified by ANAB  
Certificate No.: FM 85884



CE certified  
(including EMC and Safety)



FCC certified



Comply with Directive  
2011/65/EU of the  
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