



ROCK SOLID AUDIO SOLUTIONS



Iris Transmitter & Receiver

Wireless audio up to 300 meters

IRIS SERIES

STREAMIT.EU

IRIS SERIES



Iris Series

Rock solid wireless audio networks.

Two channels of reliable connection up to 50 meter indoors and 300 meter outdoor between your audio source and loudspeakers. Small unobtrusive for installation and portable use. Due to the use of 1.9 GHz, interference free, reliable connection can be established. Up to 50 receivers per transmitter and up to 10 transmitters per venue. Rock solid connection set up in seconds.

The Iris Transmitter & Iris Receiver are equipped with an RCA audio connector. The compact unit can be installed anywhere. Place a subwoofer anywhere you want. Get audio to the dressing room, kitchen, terrace or garden.

From the app you can monitor the connection quality of all connections in the network. Operating at a dedicated frequency, the networks are immune to interference from mobile, Wi-Fi and Bluetooth. All Iris devices are interoperable so the Iris Receiver works with the Iris Pro Transmitter and vice versa.

FEATURES

Iris Transmitter & Iris Receiver

- Uncongested connectivity via the 1.9 GHz band
- Extensive range outdoors as well as indoors
- Up to 10 audio networks per site, with up to 50 receivers per network
- Rock solid reliability
- Two-channel audio operation
- Audio frequency range from 20 Hz to 20 kHz
- Ultra-low latency of 16.5 ms
- Intuitive setup and device management through our dedicated mobile/pc apps
- Clear indication of quality of wireless connection
- Mains or USB-C powered

Iris Transmitter

- Analog audio input
- Analog audio input
- Digital audio input (USB-C)
- Digital input for switching of external equipment

Iris Receiver

- Compatible with Iris (Pro) Transmitter
- Digital output for switching of external equipment

VISUAL INDICATORS

Iris Transmitter

- Status of DECT connection
- Status of mobile app connection



GET IN TOUCH

See more on our website: <https://www.streamit.eu/iris-rca/>

Get in touch with us if you have any questions about our products.

We are happy to help.



Iris Transmitter or Receiver (front)



Iris Transmitter or Receiver (rear)

TECHNICAL INFORMATION

Wireless

Wireless technology

Reception range

Latency

Synchronicity

Internal antenna

External antenna

Iris Transmitter	Iris Receiver
DECT 1.9 GHz	
50m indoors to 300m outdoors	
16.5ms	
0.15ms	
yes	
yes	

Analog audio

Frequency range

Input channels

Output channels

Input level

Output level

Signal to noise ratio (SNR)

THD+N (@ 1 kHz)

20 Hz to 20 kHz	
2	
	2
4dBu (max)	
	4dBu (max)
> 90 dB	
<0,01	

Mechanical

SMA antenna connector

Audio input connector

Audio output connector

Power/service connector

Relay control input

Relay control output

LEDs

Dimensions (LxDxH)

Weight

Iris Transmitter	Iris Receiver
female	female
RCA	
	RCA female
USB-C	
terminal block	terminal block *1)
terminal block *1)	terminal block
RGB (2x)	
75x85x34 mm	
70 gr	

*1) Not supported by software

Electrical

Power supply

Operating voltage

Power consumption (AC)

Power consumption (DC)

Peak current (DC)

Iris Transmitter	Iris Receiver
5VDC adapter, 1A	
100~240VAC/50~60Hz	
Max 5W, <0,5W (idle)	
5VDC, 125mA	5VDC, 100mA
500mA	

Digital input

Logical low

Logical high

Internal pull-up resistance

Maximum input voltage

<= 0.8V	
>=2.5V	
10 kΩ	
3.3V	

Digital output

Maximum switching voltage

Maximum output current

	42V
	1.4A

Environmental and safety

Operating temperature

Humidity

Regulatory compliance

Radio Equipment Directive (RED)

RoHS

-20°C to 50°C	
30% to 90% RH, non-condensing	
CE, WEEE	
2014/53/EU	
2011/65/EU & (EU) 2015/863	

Digital audio input

Frequency range

Input channels

Codec support

THD+N (@ 1 kHz)

Signal / noise

Input resolutions

Sample rates

20 Hz - 20 kHz	
2	
PCM	
<0,01%	
> 90 dB	
16-24 bit	
44.1, 48, 88.2, 96kHz	

Ordering information

Product name

Article number

Iris Transmitter	Iris Receiver	Iris Starterkit
TX-1	RX-1	SX-1

Packaging contents

USB-C 5V/1A power supply

EU/UK/USA mains plug

Iris Transmitter TX-1

Iris Receiver RX-1

External antenna

Quick start guide

Dimensions packaging

Gross weight

1	1	2
1	1	2
1		1
	1	1
1	1	2
1	1	1
223x137x50 mm	223x137x50 mm	223x137x100 mm
340 gr	340 gr	680 gr