



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.



Iris Transmitter or Receiver (front)



Iris Transmitter or Receiver (rear)

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 apps
- Clear indication of quality of wireless connection
- Mains or USB-C powered

Iris Transmitter

- 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 & Iris Receiver

- Status of mobile app connection

Iris Transmitter

- Status of DECT 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.



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

Ordering information

	Iris Transmitter	Iris Receiver	Iris Starterkit
Product name	TX-1	RX-1	SX-1
Article number			

Packaging contents

USB-C 5V/1A power supply	1	1	2
EU/UK/USA mains plug	1	1	2
Iris Transmitter TX-1	1		1
Iris Receiver RX-1		1	1
External antenna	1	1	2
Quick start guide	1	1	1
Dimensions packaging	223x137x50 mm	223x137x50 mm	223x137x100 mm
Gross weight	340 gr	340 gr	680 gr