



Iris Pro Transmitter & Receiver

Balanced XLR and Digital In

IRIS PRO SERIES

STREAMIT.EU

IRIS PRO SERIES

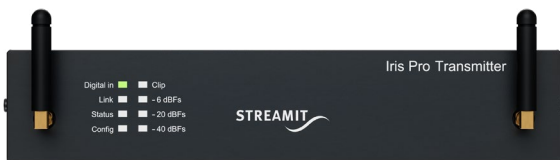
Iris Pro Transmitter and Iris Pro Receiver

Revolutionizing Wireless Sound Experience

The Iris Pro series is the ultimate solution in the event industry for portable and location-based sound needs. Iris Pro is designed to ensure flawless performance where reliability is not just expected but essential. This system is designed to cater to professionals who cannot afford compromises, offering a wide range of interfaces and ensuring no dropouts for seamless audio experiences. Whether it's for an event or on-location, Iris Pro stands ready to deliver superior sound with rock-solid stability, ensuring every performance is heard as intended.

Iris Pro: Seamless Sound, Limitless Possibilities

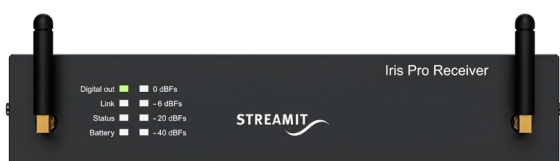
Building on the foundation set by its unparalleled reliability and interface range, Iris Pro is flexible accepting a variety of interfaces for trouble free connectivity and operation. At an event, or on location you have enough to worry about. No more worrying about where to put cables, avoid trip hazards, climbing in ladders. And most of all no more worrying about connection quality. You do not have to worry about how congested your Wi-Fi or Bluetooth is, with a separate frequency and protocol used in Iris. Embrace the power to mix and match inputs and outputs to suit any scenario, supported by advanced monitoring for optimal sound delivery.



Iris Pro Transmitter (front)



Iris Pro Transmitter (rear)



Iris Pro Receiver (front)



Iris Pro Receiver (rear)

FEATURES

Iris Pro Transmitter & Iris Pro 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
- Rack mountable; half 19" width, 1 unit height

Iris Pro Transmitter

- Mains powered
- Digital input for switching of external equipment

Iris Pro Receiver

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

VISUAL INDICATORS

Iris Pro Transmitter & Iris Pro Receiver

- Status of DECT connection
- Audio level
- Signal present, nominal and clip/max level indication

Iris Pro Transmitter

- Digital audio input detected and locked
- Digital audio sample rate indication
- Status of mobile app connection

Iris Pro Receiver

- Battery status

VIDEO



GET IN TOUCH

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

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

We are happy to help.

TECHNICAL INFORMATION

Wireless

Wireless technology	DECT 1.9 GHz	
Reception range	50m indoors to 300m outdoors	
Latency	16.5ms	
Synchronicity between receivers	0.15ms	
Internal antenna	yes	
External antenna	yes	

Analog audio

Frequency range	20 Hz to 20 kHz	
Input channels	2 (balanced)	
Output channels	2	
Input level	+4/+18dBu	
Output level	4dBu (max)	
Signal to noise ratio (SNR)	> 90 dB	
THD+N (@ 1 kHz)	<0,01%	

Digital audio input

Frequency range	20 Hz to 20 kHz	
Input channels	2	
Codec support	PCM	
THD+N (@ 1 kHz)	<0,01%	
Signal / noise	> 90 dB	
Input resolutions	16-24 bit	
Sample rates	44.1, 48, 88.2, 96kHz	

Electrical

Power supply	5VDC adapter, 1A	
Operating voltage	100~240VAC/50~60Hz	
Power consumption (AC)		
Power consumption (DC)	5VDC, 125mA	5VDC, 100mA
Peak current (DC)	500mA	
Batteries	4xAlkaline AA (option)	

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

Digital input

Logical low	<= 0.8V	
Logical high	>=2.5V	
Internal pull-up resistance	10 kΩ	
Maximum input voltage	3.3V	

Digital output

Maximum switching voltage	42V	
Maximum output current	1.4A	

Environmental and safety

Operating temperature	-20°C to 50°C	
Humidity	30% to 90% RH, non-condensing	
Regulatory compliance	CE, WEEE	
Radio Equipment Directive (RED)	2014/53/EU	
RoHS	2011/65/EU & (EU) 2015/863	

Mechanical

SMA antenna connector	female	
Audio input connector	RCA, XLR, terminal block	
Audio output connector		RCA, XLR, terminal block
Digital audio input connector	Toslink	
Power/service connector	USB-C	
Relay control input	female	
Relay control output	terminal block	terminal block * 1)
LEDs		
Dimensions (LxDxH)	ø 220x125x48 mm	
Weight	790 gr	

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Ordering information

Product name	Iris Pro Transmitter	Iris Pro Receiver	Iris Pro Starterkit
Article number	PTX-1	PRX-1	PSX-1

Packaging contents

USB-C 5V/1A power supply	1	1	2
USB-A to USB-C cable 2m	1	1	2
EU/UK/USA mains plug	1	1	2
Iris Pro Transmitter PTX-1	1		1
Iris Pro Receiver PRX-1		1	1
External antenna	1	1	2
Quick start guide	1	1	1
Dimensions packaging			
Gross weight			

Ordering information

Product name	Streamit Rackmount kit
Article number	RMK-1

Packaging contents

Streamit Rack mount kit RMK-1	1
Dimensions packaging	270x100x55 mm
Gross weight	450 gr