

# STREAMIT

IP Media Devices



## PROFESSIONAL INTERNET RADIO AT HOME

*Professional internet receiver for custom installers*

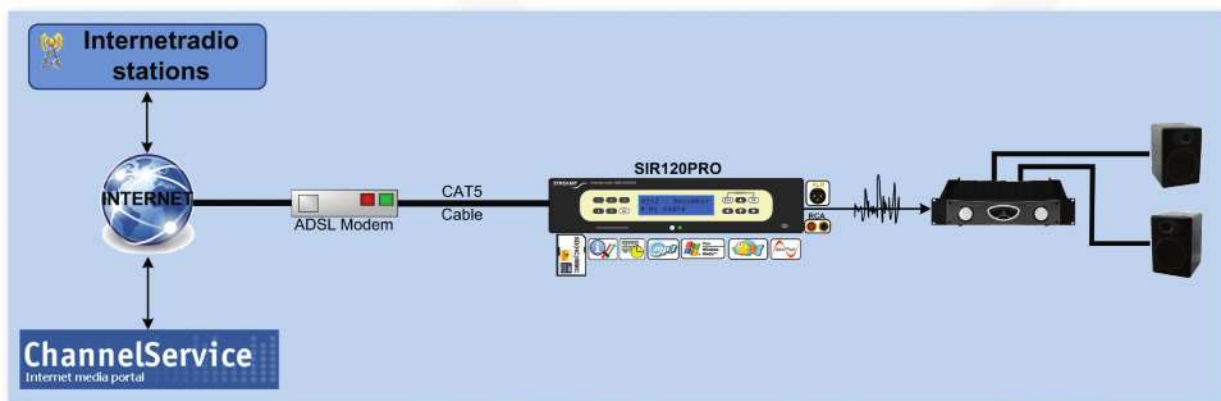
The SIR120PRO professional internet radio has been developed as a high quality component for custom residential audio and video installations. The XLR inputs, the multi audio codec support and the network user interface allow easy integration with almost any open multi-room media system. To date internet radio could not be integrated as part of these high-end systems.

Nowadays consumers expect to have access to their favorite Internet radio stations and they want to do that using their regular touch panel or remote control system (i.e. Control4, AMX, Crestron, etc.). The SIR120PRO combines perfect audio quality with ease of integration into multi room media systems. It has an open Network User Interface, which can be accessed by any remote control system. Besides MP3, the SIR120PRO supports WMA, AAC+ and Ogg Vorbis streams, offering the best audio quality available through streaming. The SIR120PRO comes with a rack mount kit included, so it fits perfectly with the other components in a 19" rack.

### Custom Installers and System Integrators

Remote configuration and maintenance are possible through ChannelService, a Streamit web service portal; the required license is included with the SIR120PRO. Using ChannelService it is extremely easy to select or add internet radio stations and to activate them on the SIR120PRO. ChannelService is an extra tool for custom installers and system integrators, which offers them additional business opportunities. The SIR120PRO professional internet radio is an ideal component in any custom or residential installation. The combination of a SIR120PRO with ChannelService gives your customers added value and the pleasure of getting their favorite internet radio stations from around the globe on their regular user interface. You, as an Installer or System Integrator, get a new opportunity to stay in touch with your customers on a regular basis even after you have completed the project.

- Fully configurable on customer's specification
- Open Network User Interface
- Uninterrupted audio due to advanced buffer management
- XLR output
- Auto re-connect after streaming or power interruptions
- Fallback to SD/SDHC memory card
- Remote monitoring and control
- Suitable for rack mounting



## PRODUCT FEATURES



**MP3** is the most commonly used format for storing digital audio as well as for audio streaming.



**WMA** is the Microsoft format for digital audio. This format is used by many internet radio stations.



**Ogg Vorbis** is a free and open source audio format intended to serve as a replacement for MP3. For many applications, Ogg Vorbis has clear advantages over other audio formats, for example it produces smaller files at equivalent or higher quality when using bitrates  $\geq 64$  kbps.



**AAC+** is a standardized audio format and designed for 16-48 kbps streaming audio applications. CD quality is achieved at 48 kbps.



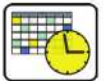
**SAF** (Store And Forward) enables the SIR to update the audio content of the memory card from a remote server. When the Internet connection is lost, the SIR automatically falls back to playing from the memory card.



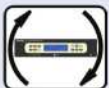
**SMCP** (Streamit Monitoring and Control Protocol) is used to monitor and control your SIR. The SIR sends status messages at user-defined intervals to a remote monitoring server; the remote server can send commands and settings to the SIR.



**Encryption.** The SIR supports both playback of encrypted files and encrypted streams.



**Scheduler.** Schedules can be sent to the SIR from a remote server, consisting of all kind of tasks to be executed at desired moments in time and daily intervals.



**RSU** (Remote Software Update). RSU enables the SIR to update its internal software from a remote server.

## ABOUT STREAMIT

Streamit is a Dutch company specialized in the development and marketing of transmitter and receiver equipment for audio and video streaming over the Internet. The SIR internet radio is a typical example of the attention we pay to quality and reliability of our products at the same time driving user friendliness. We develop our products for niche markets where quality and specific requirements can not be met by standard consumer solutions. Our products and solutions are being used worldwide.

### Streamit B.V.

Verdunplein 10  
5627 SZ Eindhoven, the Netherlands

T +31 40 255 60 36 • F +31 40 844 39 42  
E info@streamit.eu • I www.streamit.eu

All rights reserved.

The information and specifications in this product brochure are subject to change. No rights can be derived from the content of this brochure.

## TECHNICAL INFORMATION

### ORDER INFORMATION

Type number Europe  
Type number US / Canada

### SIR120PRO

SIR120PRO / EU  
SIR120PRO / US

### INCLUDED IN DELIVERY

SIR internetradio  
Powersupply 12 Vdc with screw jack  
Ethernet cable RJ45 3m  
USB programming cable  
Quick start guide

### SIZE AND WEIGHTS

Sizes (b x d x h mm)  
Size of packaging (b x d x h mm)  
Weight (g)  
Total weight in packaging (g)

220 x 125 x 45  
310 x 220 x 100  
750 (800 SIR120PRO)  
1500 (1600 SIR120PRO)

### SPECIFICATIONS

Stereo decoder

Samplefrequency (max. kHz)  
Bitrate (stereo, max. kbps)  
Ethernet controller  
Amount of adjustable channels  
Channel selections  
LCD-display

LCD-display with backlight / color  
Languages

Poweradapter SPS / EU

Poweradapter SPS / US

Power consumption  
- standby (typical W)  
- operation (typical W)

### SIR120PRO

MP3, WMA, AAC+  
and Ogg Vorbis  
48  
224  
10 Mbps  
32  
2 buttons  
62 x 15 mm,  
2 x 16 characters,  
5 x 8 dots  
yes / blue  
Dutch / English /  
German  
230 VAC /  
12 Vdc - 500 mA  
110 VAC /  
12 Vdc - 500 mA

### INPUTS

Ethernet 10 / 100 Base-T  
Power in 12 Vdc  
Service-connector in / out  
MMC / SD / SDHC-card  
Remote control

RJ45  
Screw-jack  
USB-A  
yes  
yes

### OUTPUTS

Stereo lineoutput / headphone  
Balanced outputs

2 x RCA  
2 x XLR male

### TEMPERATURE RANGE

Operation (°C)  
Storage packed (°C)  
Storage unpacked (°C)

+10 to +35  
-25 to +50  
0 to +45

### RELATIVE HUMIDITY

Operation (%)  
Storage packed (%)  
Storage unpacked (%)

15 to 85  
5 to 95  
15 to 85

### ACCESSORIES

19"-rack mounting kit

MK

### SERVICE COMPONENTS

Power adapter (Europe)  
Power adapter (UK)  
Power adapter (USA / Canada)

SPS / EU  
SPS / UK  
SPS / US

