



SIR INTERNETRADIO DEVICE FOR AV INSTALLERS

The SIR internetradio device is your first choice for a professional internetradio receiver. It stands out because of its solid compact design with blue LCD display and is easy to use. It is the ideal solution for any innovative AV installer who wants to provide his customers access to the world of internet radio and simultaneously anticipate new market opportunities.

Advantages for AV installers

1. High quality audio
2. Easy to install
3. Limited network know-how is required
4. Ideal component for large projects
5. Continuous expansion product offering
6. Healthy margin

Easy to install

The SIR internetradio device is connected with a CAT 5 cable to the customer's network with internet access. Both fixed and dynamic (DHCP) network configurations are possible. The SIR is directly connected to the audio distribution system using a RCA or XLR

cable. The power supply is safe guarded with a special screw connector. The SIR internetradio device fits in a 19" rack; accessories are available.

High quality audio

The SIR internetradio device supports the most commonly used audio codecs: MP3, WMA, AAC+ and OGG Vorbis. The quality of an audio stream is determined to a large extent by the used audio codec and the bitrate. In this aspect the SIR internetradio device demonstrates to be multi-talented and above all very reliable.

Easy access to all of the available radiostations

Devices.streamit.eu (formerly Channelservice.fm) is a free Streamit web portal that allows AV installers easy configuration of one or multiple SIR internetradio devices. Devices.streamit.eu offers a large number of freely available internetradio stations but it is also possible to add new stations by yourself. After you register the SIR on devices.streamit.eu all the selected stations will be enabled remotely as presets on the SIR. Register, select and play! It is that easy. As an AV installer you can apply for a special reseller account that allows you to configure and control the SIR internetradio devices of your own customers.



PRODUCT FEATURES



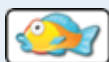
MP3 is the most commonly used format for storing digital audio as well as for audio streaming.

Applies to devices: SIR80/100/120/120PRO



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

Applies to devices: SIR100/120/120PRO



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 ≥ 64 kbps.

Applies to devices: SIR120/120PRO



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

Applies to devices: SIR120/120PRO



SAF (Store And Forward) enables the SIR to update the audio content of the memory card from a remote server.

Applies to devices: SIR100/120/120PRO



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.

Applies to devices: SIR100/120/120PRO



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

Applies to devices: SIR100/120/120PRO



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.

Applies to devices: SIR100/120/120PRO



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

Applies to devices: SIR80/100/120/120PRO

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 internetradio device is a typical example of the attention we pay to quality and reliability of our products without sacrificing 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

SIR80

SIR80 / EU
SIR80 / US

SIR120

SIR120 / EU
SIR120 / US

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) 220 x 125 x 45
Size of packaging (b x d x h mm) 310 x 220 x 100
Weight (g) 750
Total weight in packaging (g) 1500

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

SPECIFICATIONS

Stereo decoder

SIR80

MP3

SIR120 / SIR120PRO

MP3, WMA, AAC+ and Ogg Vorbis

Samplefrequency (max. kHz) 48
Bitrate (stereo, max. kbps) 320
Ethernet controller 10 Mbps
Amount of adjustable channels 32
Channel selections 2 buttons
LCD-display 62 x 15 mm,
2 x 16 characters,
5 x 8 dots

48
320
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

48
320
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

LCD-display with backlight / color
Languages

Poweradapter SPS / EU

Poweradapter SPS / US

Power consumption
- standby (typical W) 2
- operation (typical W) 3

2
3

2
3

INPUTS

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

RJ45
Screw-jack
USB-A
yes
yes

RJ45
Screw-jack
USB-A
yes
yes

OUTPUTS

Stereo lineoutput / headphone
Balanced outputs

2 x RCA
no

2 x RCA
2 x XLR male
(only for SIR120PRO)

TEMPERATURE RANGE

Operation (°C) +10 to +35
Storage packed (°C) -25 to +50
Storage unpacked (°C) 0 to +45

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

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

RELATIVE HUMIDITY

Operation (%) 15 to 85
Storage packed (%) 5 to 95
Storage unpacked (%) 15 to 85

15 to 85
5 to 95
15 to 85

15 to 85
5 to 95
15 to 85

ACCESSORIES

19"-rack mounting kit

MK

MK

SERVICE COMPONENTS

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

SPS / EU
SPS / UK
SPS / US

SPS / EU
SPS / UK
SPS / US

