



## Professional receiver for audio over the internet

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Alt

STREAMIT Internet radio SIR120PRO

The SIR series professional IP-audio receivers were developed for several applications.

The receivers are targeted at professional applications, in which (background)music is delivered to (public) places such as shopping malls, retail shops, fitness centre's and other enterprises.

With the SIR internetradio receiver you can listen to any radiostation around the world or to the music service provider of your choice.  fully configurable on customers specification

Esc Ck

advanced buffer management

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- all-round encryption and security possibilities
- backup through MMC or SD memory card
- compatible with with Streamit Channelservice.fm
- remote monitoring and software maintenance
- suitable for rack mounting
- a build in unique ID code for authentication purposes
- auto-reconnect after streaming or power interruptions

The SIR series is a fully autonomous working IP-audio receiver, able to tune in to radio stations and audio distributors anywhere on the internet. The basemodel is the SIR80 which has all the basic features for standard applications. The SIR100 and SIR120 come with a larger program memory and a real-time clock as additional features and are Windows Media Streaming compatible. The 120 models also support AAC+ and Ogg Vorbis streaming.

The SIR120PRO version also offers a balanced stereo line output (XLR). Any SIR can be configured into different operation modes, varying from plug&play until specific modes for special applications.

The customer-ID feature makes sure that the receiver access is restricted to a specific broadcaster, for example a music provider who rents the receiver to his customers.

The MMC, SD or SDHC card (optional) can be used as an additionally buffer facility. This provides for adequate fall back in case of network or streaming failures.

Streamit B.V.

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Your dealer:

## **TECHNICAL INFORMATION**

ORDER INFORMATION Type number US / CanadaSIR80 / USSIR 100 / EU SIR100 / USSIR120 / USType number US / CanadaSIR80 / USSIR100 / USSIR120 / US / USSIR120 / USSIR120 / USSIR120 / USSIR120 / US / USSIR120 / US / USSIR120 / USSIR120 / USSIR120 / US / USSIR120 / USSIR120 / USSIR120 / USSIR120 / US / U				
SIRI JOPRO / EUSIRI JOPRO / EUSI	Type number Europe	SIR80 / EU	SIR100 / EU	SIR120 / EU
INCLUEDE IN DELIVERY SIR Internetratio Powersupply 12 Vdc with screw jack Ethernet cable RJaş 3m USB programming cable USE programming cable Size of packaging (b x d x h mm) Yate wight in the case wight				SIR120PRO / EU
Size (b x d x h mm)   220 x 125 x 45   220 x 125 x 45   220 x 125 x 45     Size of packaging (b x d x h mm)   310 x 220 x 100   310 x 220 x 100   310 x 220 x 100     Yeight (g)   750   1500   1500   1500   1500 (1600 SIR120PRO)     Stereo decoder   MP3   MP3 and WMA   MP4, MMA, AAC-     Samplefrequency (max, kHz)   48   48   48   48     Bitrate (stereo, max, khz)   320   320   320   320     Channel selections   32   32   32   32     Channel selections   22   24 to characters, 2 x 16 characters, 2 x 16 characters, 5 x 8 dots   2 x 8 dots   2 s dots     CD-display with backlight / color   yes / blue   yes / blue   yes / blue   yes / blue     LCD-display with lecast / Soluctat   yes   yes   yes   yes   yes     SD memory card / back-up   yes   yes   yes   yes   yes   yes     Poweradapter SPS / US   10 VAC /     SD memory card / back-up   yes   yes   yes   yes   ye	SIR internetradio Powersupply 12 Vdc with screw jack Ethernet cable RJ45 3m USB programming cable			
Stereo decoderMP3MP3 and WMA and Ogg Vorbis and Ogg VorbisSamplefrequency (max. kHz)484848Bitrate (stereo, max. kbps)320320320Bitrate (stereo, max. kbps)10 Mbps10 Mbps10 MbpsAmount of adjustable channels2232Channel selections2 buttons2 buttons2 buttonsLCD-display62 x 15 mm, 2 x 16 characters, 2 x 16 characters, 5 x 8 dots5 x 8 dots y es / blue5 x 8 dots y es / blueLCD-display with backlight / coloryes / blueDutch / English / GermanDutch / English / German9 esReal-time clocknoyesyesyesyesVindows Media Streaming compatiblenoyesyesyesVindows Media Streaming compatible10 VAC / 	Sizes (b x d x h mm) Size of packaging (b x d x h mm) Weight (g)	310 X 220 X 100 750	310 X 220 X 100 750	310 X 220 X 100
Samplefrequency (max, kHz)48484848Bitrate (stereo, max, kbps)320320320Bitrate (stereo, max, kbps)10 Mbps10 Mbps10 Mbps10 MbpsAmount of adjustable channels323232Channel selections2 buttons2 buttons62 x 15 mm, 62 x 15 mm, 2 x 16 characters, 5 x 8 dots2 x 16 characters, 92 x 16 characters, 				MP3, WMA, AAC+
LCD-display with backlight / color Languages5 x 8 dots yes / blue yes / blue butch / English / German yes5 x 8 dots yes / blue butch / English / German yes5 x 8 dots yes / blue butch / English / German yesReal-time clock Firmware upgrade on-line Windows Media Streaming compatible Windows Media Streaming compatible Doweradapter SPS / EUyes 	Bitrate (stereo, max. kbps) Ethernet controller Amount of adjustable channels Channel selections	320 10 Mbps 32 2 buttons 62 x 15 mm,	320 10 Mbps 32 2 buttons 62 x 15 mm,	48 320 10 Mbps 32 2 buttons 62 x 15 mm,
Real-time clocknoyesyesyesFirmware upgrade on-lineyesyesyesyesyesCompatible with lecast / ShoutcastyesyesyesyesNoYesYesyesyesSD memory card / back-upyesyesyesyesPoweradapter SPS / EU230 VAC /230 VAC /230 VAC /230 VAC /Poweradapter SPS / US110 VAC /110 VAC /110 VAC /110 VAC /Power consumption-222- operation (typical W)2222- operation (typical W)3333IPUTSEthernet 10 / 100 Base-TRJ45RJ45RJ45RJ45Power in 12 VdcScrew-jackScrew-jackScrew-jackScrew-jackService-connector in / outUSB-AUSB-AUSB-AUSB-AMMC / SD / SDHC-cardyesyesyesyesSteroe lineoutput / headphone2 x RCA2 x RCA2 x XCA2 x XLR male (only for SIR120PRO)Balanced outputs15 to 8515 to 8515 to 8515 to 8515 to 85Storage packed (%)5 to 955 to 955 to 955 to 9515 to 95Storage unpacked (%)15 to 8515 to 8515 to 8515 to 85Storage unpacked (%)5 to 955 to 955 to 9515 to 95Storage unpacked (%)5 to 955 to 9515 to 8515 to 85Storage unpacked (%)5 to 95<		5 x 8 dots yes / blue Dutch / English /	5 x 8 dots yes / blue Dutch / English /	5 x 8 dots yes / blue Dutch / English /
SD memory card / back-up Poweradapter SPS / EUyes 230 VAC / 12 Vdc - 500 mAyes 230 VAC / 12 Vdc - 500 mAyes 230 VAC / 12 Vdc - 500 mAPoweradapter SPS / US110 VAC / 12 Vdc - 500 mA12 Vdc - 500 mA12 Vdc - 500 mAPower consumption - standby (typical W)2 2 32 32 32e operation (typical W)2 333INPUTS Ethermet 10 / 100 Base-T Power in 12 Vdc Service-connector in / out MMC / SD / SDHC-card Balanced outputsRJ45 Screw-jackRJ45 Screw-jackRJ45 Screw-jackOUTPUTS Stereo lineoutput / headphone Balanced outputs2 x RCA no2 x RCA no2 x RCA no2 x RCA no2 x RCA noEtATIVE HUMIDITY Operation (%) Storage packed (%) Storage packed (%)15 to 85 5 to 95 15 to 8515 to 85 15 to 85 15 to 8515 to 85 15 to 85 15 to 8515 to 85 15 to 85ACCESSORIES Power adapter (Europe)SPS / EUSPS / EUSPS / EUSPS / EU	Firmware upgrade on-line Compatible with Icecast / Shoutcast	no yes yes	yes yes yes yes (HTTP /	yes yes yes (HTTP /
Poweradapter SPS / US110 VAC / 12 Vdc - 500 mA110 VAC / 12 Vdc - 500 mA110 VAC / 12 Vdc - 500 mAPower consumption - standby (typical W)222- operation (typical W)333INPUTS Ethernet 10 / 100 Base-T Power in 12 VdcRJ45 Screw-jackRJ45 Screw-jackRJ45 Screw-jackRJ45 Screw-jackService-connector in / out MMC / SD / SDHC-card Balanced output / headphone Balanced outputs2 x RCA no2 x RCA 2 x RCA no2 x RCA 2 x RCA no2 x RCA 2 to to +35 -25 to +50 o to +45TEMPERATURE RANGE Operation (%) Storage unpacked (%)15 to 85 15 to 85 		230 VAC /	yes 230 VAC /	yes 230 VAC /
- standby (typical W)2222- operation (typical W)333INPUTSEthernet to / too Base-TRJ45RJ45RJ45Power in 12 VdcScrew-jackScrew-jackScrew-jackService-connector in / outUSB-AUSB-AUSB-AMMC / SD / SDHC-cardyesyesyesyesyesyesyesOUTPUTStheadphone2 x RCA2 x RCABalanced outputs2 x RCA2 x RCA2 x RCAOperation (°C)+10 to +35+10 to +35Storage packed (°C)-25 to +50-25 to +50Storage unpacked (°C)15 to 8515 to 85Storage packed (%)15 to 8515 to 85Storage packed (%)15 to 8515 to 85storage unpacked (%)15 to 8515 to 8519"-rack mounting kitMKMKMKSERVICE COMPONENTSSPS / EUSPS / EUPower adapter (Europe)SPS / EUSPS / EU	Poweradapter SPS / US	110 VAC /	110 VAC /	110 VAC /
Ethernet 10 / 100 Base-T Power in 12 VdcRJ45 Screw-jack USB-A yes yesRJ45 Screw-jack 	- standby (typical W)			
Stereo lineoutput / headphone Balanced outputs2 x RCA no2 x RCA no2 x RCA no2 x RCA 2 x XLR male (only for SIR120PRO)TEMPERATURE RANGE Operation (°C) Storage packed (°C)+10 to +35 -25 to +50 o to +45+10 to +35 -25 to +50 o to +45+10 to +35 -25 to +50 o to +45RELATIVE HUMIDITY Operation (%) Storage unpacked (%) Storage unpacked (%)15 to 85 5 to 95 15 to 8515 to 85 15 to 85 15 to 8515 to 85 15 to 85ACCESSORIES 19"-rack mounting kitMKMKMKSERVICE COMPONENTS Power adapter (Europe)SPS / EUSPS / EUSPS / EU	Ethernet 10 / 100 Base-T Power in 12 Vdc Service-connector in / out MMC / SD / SDHC-card	Screw-jack USB-A yes	Screw-jack USB-A yes	Screw-jack USB-A yes
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Operation (%)     15 to 85     15 to 85     15 to 85       Storage packed (%)     5 to 95     5 to 95     5 to 95       Storage unpacked (%)     15 to 85     15 to 85     15 to 85       ACCESSORIES     19"-rack mounting kit     MK     MK     MK       SERVICE COMPONENTS     SPS / EU     SPS / EU     SPS / EU     SPS / EU	Operation (°C) Storage packed (°C)	-25 to +50	-25 to +50	-25 to +50
19"-rack mounting kit MK MK MK   SERVICE COMPONENTS Power adapter (Europe) SPS / EU SPS / EU SPS / EU	Operation (%) Storage packed (%)	5 to 95	5 to 95	5 to 95
Power adapter (Europe) SPS / EU SPS / EU SPS / EU		МК	МК	МК
	Power adapter (Europe)		SPS / EU	



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