



# Release Note

## Streaming Client V2.12

<b>Firmware name:</b>	Streaming Client V2.12		
<b>Released:</b>	22. Sep. 2009		
<b>Package name:</b>	streaming_client_updatekit_v0212_20090922		
<b>Version overview:</b>	<b>Type</b>	<b>File name</b>	<b>Version Date</b>
	Firmware	stream.rom	V02.12_20090922
	WEB UI	streamapp.cob	V03.03_20
	SonicIP	sonicip.cob	V01.04_20070625
	FW Ext. 1	sg.bin	V07.03_20090814
	FW Ext. 2	fs.bin	V01.18_20090813
	FW Ext. 3	bclo.bin	V01.07_20090911
	Bootloader	unifull.spb	V99.13_20090327

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# I Hardware Compatibility

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This firmware is intended to run on the following devices:

- Exstreamer 100, 110, 200, 1000
- IPAM 100, 200, 300

Note: The firmware can run on any other Barix audio devices (e.g. Annunicom, Exstreamer Digital), however the functionality is not guaranteed.

AAC+ decoding is available only on IPAM 300 based hardware (Exstreamer 100, 110 and 200 labeled “AAC+ capable”).

## 2 New Features

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The following new features have been implemented in the Streaming Client v2.12 (compared to version 2.10):

- #052.19: implemented Barimon alarms in case of a stream loss
- #067.01: send IGMP report if no router exist to manage IGMP groups. This will allow IGMP snooping switches not to stop IGMP traffic.
- #052.48: new image of the remote control on the WEB UI

## 3 Bugs Fixed In This Version

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- #052.37: remote update: if compound.bin is out of memory, update reports a failure instead of a partial update
- #066.04: more efficient TCP packet reordering
- #035.08: fixed typo in "playback" help
- #052.38: wrong info on the display when switching from shoutcast to USB backup
- #052.46: no SNMP traps were sent at all
- #052.45: serial settings could not be changed

## 4 Known Limitations

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- #063.11: device does not start up if the USB stick is read-only and USB Autoplay is on
- I/O over RTP (contact closures sent by the Instreamer) are not 100% in sync with audio, the audio buffer is not respected
- #052.52: commands in `update.txt` (remote update) cause permanent message “Updating...” on the display

## 5 Major Modifications

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### 5.1 Streaming

The default stream check period has been changed from 10-180 seconds to 1-30 seconds.

### 5.2 Setup

The Setup version has changed from 1.1 to 1.2 because of the new parameter “Maximum Volume”. This change affects you only if you have a custom setup (`compound.bin`).

## 6 References

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	Document
[1]	<a href="#">Streaming Client Technical Documentation V02.12</a>
[2]	<a href="#">Streaming Client WEB Page</a>
[3]	<a href="#">Streaming Client Update Kit V02.12</a>

## 7 Legal Information

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