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Release Note

Streaming Client V3.14

Firmware name:	Streaming Client V3.14
Released:	16th December 2014
Package name:	streaming_client_kit_v0314_20141216
Version overview:	**File name** **Version Date** stream.rom V03.14_20141216 streamapp.cob V04.16_20141124 sg.bin V10.10_20140730 fs.bin V02.08_20140820 bclio.bin V02.03_20141104 rupdate.bin V01.01_20141124 unifull.spb V99.26_20120223

1 Hardware Compatibility

This firmware is intended to run on the following devices:

- Exstreamer 100, 105, 110, 120, 200, 205, 500, 1000
- Exstreamer P5
- IPAM 100, 102, 300

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

AAC+ decoding is available only on IPAM 300 based hardware (Exstreamer 100, 105, 110, 120, 200 and 205 labelled "AAC+ capable").

Notes:

Please note that the Remote Firmware Update feature is supported only on devices with 2MB of Flash memory.

2 New Features

The following new features have been introduced in the Streaming Client V3.14 (since version 3.13):

- #26.35 support for HTTP redirects 301, 302 and 303
- #53.99: VLSI firmware load routine optimized, load time speed up 10x
- #100.66: device IP address added into Barimon report
- #100.69: configurable syslog address for remote update
- #100.70: added codec type to the Status page

3 Bugs Fixed In This Version

The following bugs have been fixed in the Streaming Client V3.14 (since version 3.13):

- #100.71: fixed possible TCP command port hangup due to DRAIN issue
- fixed wrong HTTP content-type detection if additional modifiers like character set were present

4 Known Issues

4.1 Contact closures in RTP

I/O over RTP (contact closures sent by the Instreamer) are not fully in sync with audio, the audio buffer is not respected.

4.2 Volume Source Control

The Volume Source Control panel (VSC) uses a serial polling protocol to transfer data between the Barix unit and the VSC. This protocol causes additional load, which on some devices may cause audio dropouts while playing very high bitrate audio.

5 Major Modifications

None.

6 References

	Document
[1]	Streaming Client Technical Documentation V3.14

7 Legal Information

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