

Release Note

Streaming Client V3.11

Firmware name:	Streaming Client V3.11	
Released:	4th July 2013	
Package name:	streaming_client_kit_v0311_20130704	
Version overview:	File name	Version Date
	stream.rom	V03.11_20130704
	streamapp.cob	V04.15_20130319
	sg.bin	V10.00_20130703
	fs.bin	V02.06_20110322
	bdio.bin	V01.24_20130226
	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. Annunicom, 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

No new features in Streaming Client V3.11 since version 3.10.

3 Bugs Fixed In This Version

The following bugs have been fixed in the Streaming Client V3.11 (since version 3.10):

- #53.78: fixed broken G722 RTP decoding
- #100.58: fixed failing Shoutcast playback on IPAM 102/302 (Exstreamer 500 rev.2, Annunicom 60)
- #53.88, #66.24, #100.57: major improvement in recovery of lost packets in TCP streams (HTTP, Shoutcast, Icecast)

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

No major modifications.

6 References

	Document
[1]	Streaming Client Technical Documentation V3.11

7 Legal Information

© 2013 Barix AG, Zurich, Switzerland.

All rights reserved.

All information is subject to change without notice.

All mentioned trademarks belong to their respective owners and are used for reference only.

Barix and Streaming Client are trademarks of Barix AG, Switzerland and are registered in certain countries.

For information about our devices and the latest version of this manual please visit www.barix.com.

Barix AG
Seefeldstrasse 303
8008 Zürich
SWITZERLAND

T +41 43 433 22 11
F +41 44 274 28 49

www.barix.com
sales@barix.com
support@barix.com