

# Release Note

## Streaming Client V3.10

<b>Firmware name:</b>	Streaming Client V3.10	
<b>Released:</b>	12th March 2013	
<b>Package name:</b>	streaming_client_kit_v0310_20130312	
<b>Version overview:</b>	<b>File name</b>	<b>Version Date</b>
	stream.rom	V03.10_20130312
	streamapp.cob	V04.15_20130308
	sg.bin	V09.26_20130304
	fs.bin	V02.06_20110322
	bclio.bin	V01.24_20130226
	unifull.spb	V99.26_20120223



# 1 Hardware Compatibility

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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

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The following new features have been implemented in the Streaming Client V3.10 (since version 3.09):

- #100.49: configurable SNMP read community
- #100.50: configurable SNMP SysName and SysLocation

### **3 Bugs Fixed In This Version**

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The following bugs have been fixed in the Streaming Client V3.10 (since version 3.09):

- #53.81: improved buffer underrun detection on IPAM 102/302 devices
- #89.03: fixed wrong handling of direct access to SNMP table items (ipAdEntIfIndex)
- #066.20: DHCP not renewed after lease expired in certain environment (Cisco server) due to wrong DHCPREQUEST message

## **4 Known Issues**

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### **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**

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### **5.1 SNMP Settings**

The SNMP read-only community can be set in “Advanced Settings → Security”. By default the device accepts any community in SNMP reads.

The SNMP system name and location are configurable in “Advanced Settings → Remote Management”, up to 16 characters each.

## 6 References

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	Document
[1]	Streaming Client Technical Documentation <a href="#">V3.10</a>



## 7 Legal Information

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