BARIX
THE VOICE OF SIMPLICITY

RELEASE NOTE

Streaming Client 3.22

Firmware name:	Streaming Client 3.22		
Released:	8th. Mar 2022		
Package name:	streaming_client_v0322_20220308.zip		
Version overview:	*Type*	*File Name*	*Version/Date*
	Firmware	stream.rom	V03.22_20220308
	WEB UI	streamapp.cob	V04.18_20210824
	FW Ext. 1	sg.bin	V10.18_20171019
	FW Ext. 2	fs.bin	V02.08_20140820
	FW Ext. 3	bclio.bin	V02.06_20151028
	Update mod.	rupdate.bin	V01.01_20141124
	Bootloader	unifull.spb	V99.28_20160624

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, IPAM 302 and IPAM 102 based hardware (Exstreamer 100, 105, 110, 120, 200 and 205 labelled "AAC+ capable").

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

2   Bugs Fixed In This Version

The following bugs have been fixed in the Streaming Client 3.22 since the last officially released version V3.21.

- #SC-308: DHCP request without transaction ID

3   New Features in This Version

The following new features have been added in the Streaming Client 3.22 since the last officially released version V3.21.

- None

4   Known Bugs/Restrictions

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.

4.3   Relay On when playing from USB

When the relay function is set to "Streaming and Priority", and the USB playback is set as the main URL, the relay may not trigger back to "ON" when the priority message ends

5 Release Generating Details[1]

5.1 GIT release tag

Checkout the barix and bcl GIT repositories with the following tag:

```
streaming client_vb322_20220308
```

5.2 Compile commands

Run the following commands from the barix folder:

```
make st_nd
make st_nd_cr
```

1   For Barix developers only

6   Legal Information

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