



# Release Note

## Exstreamer V8.3I 20100422

This a patched version of release V8.3I

<b>Firmware name:</b>	Exstreamer V8.3I 20100422
<b>Released:</b>	22. April. 2010
<b>Package name:</b>	exstreamer_kit_vb83I_20100422.zip
<b>Version overview:</b>	<b>Version Date</b> VB8.3I_20100422 VB8.3I_20100422 V00.03_20050317 V07.03_20091105 V01.04_20070625 V02.14_20091110 V00.04_20090806 V01.11_20091217 V99.14_20091015

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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.

## 2 New Features

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There are no new features in this version.

If you are currently using V8.31 from 20091222 please refer to section 5 Major Modifications to see whether it is worthwhile to upgrade.

## 3 Bugs Fixed In This Version

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The following bugs have been fixed in the Exstreamer V8.31 20100422 (since version 8.3120091222). Both recorded with error number #62.43

- The command m=<file> causes command processing to block if <file> does not exist or does not contain audio. Since the reset and update features on the WEB UI also use the command interface no remote recover is possible. The device must be reset or re-powered locally.
- on commands which require string searches. e.g. m=, only **one** of 0x0D, 0x0A, 0x00 works after file name not any combination as stated in the Technical Documentation section 1.1 Control Interface Description.

## 4 Known Bugs

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- #12.47 & #62.02 Exstreamer 110 marked with AAC+ compatible label. Some Noise heard when a stream starts. This problem was eliminated for playing mp3 files.
- #024.54 TCP receive port.. If "tcp streaming port" set to 0, RTP streaming stops.
- #062.28 Noise on RTP on stop/start. Noise on start eliminated, stop still present.
- #062.29 c=17 fast forward doesn't work, sounds slower.
- #062.33 Priority Message Minimum Volume doesn't work with TCP Priority Streaming where the interrupted stream is from a Zserver, Web server or another TCP stream.
- #062.37 WEB Cob creation for Linux & MAC - the required bpkg program is missing. A web build kit can be obtained on request from Barix which includes support for Linux and MAC OS 10.5.
- #062.38 Vu meter only shows 8 different values.
- #062.39 Volume gain display incorrect. (-6dB is louder than -0db).
- #062.42 Multicast stream is not played back when using Level 3 Switch Cisco.
- #67.08 Binary Discovery responds to port 30718 (instead of source port).
- WEB error 503 sometimes seen. This is usually due to a lack of buffer resources in the device so may be unavoidable. Work around is to refresh the WEB page.

## 5 Major Modifications

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This is a 'patched version' of V8.31 dated 20091222 which uses identical internal libraries and FW extensions

It is intended for those users who require the m=<file> command. The m= command plays a short audio sequence from a file stored in flash memory, e.g. a gong to sound from a bell press application. The patch corrects the problem that the device 'hangs' if an invalid file name is chosen.

If the m= command is not needed there is no reason to upgrade from version VB8.31.

## 6 References

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	Document
[1]	<a href="#">Exstreamer Technical Documentation V8.3I</a>

## 7 Legal Information

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