

Release Note

SIP Client V2.11

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Firmware name:	SIP Client V2.11		
FW Release Date:	18. Oct. 2012		
Package Name:	abcl_sip_v2.11_20121018.zip		
Version Overview:	Type	File name	Version Date
	Firmware	abclw.rom	VA1.09_20121009
	WEB UI	abclapp.cob	V02.02_20120601
	FW Ext. 1	sg.bin	V09.23_20121017
	FW Ext. 2	fs.bin	VA2.06_20110322
	FW Ext. 3	bclio.bin	V01.23_20120329
	Bootloader	exfull.rom	V99.26_20120223

1 Hardware Compatibility

This firmware is fully supported on the following devices:

- Annunicom PS1, PS16,60,100,155,200,1000
- Exstreamer 100,105,110,120,200,205,P5 as receivers only
- Exstreamer 500, 100

The firmware is partially supported on the following modules:

- IPAM 100
- IPAM 300
- IPAM 302
- IPAM 102

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

2 New Features and Improvements

The following new features and improvements have been implemented in the compared to the previously released V2.06:

- Added support for Annunicom 60;
- New feature 069.80: Add relay ON on incoming ring;
- New feature 069.77: Beep on call answer;
- Improved talk direction switching in half duplex mode;
- Improved audio latency in full duplex mode.

3 Fixed Bugs

The following bugs have been fixed in the compared to the previously released V2.06 :

- Bug 069.86: Sometimes outgoing call cannot be properly closed;
- Bug 069.87: Audio stays open in listen mode after closing the call;
- Bug 069.88: Incoming P2P call gets rejected when the SIP client is set to "autoanswer" mode;
- Bug 053.69: Large latency (more than 1 second) at the first Audio Open with VS1063;
- Audio volume randomly increasing to 100%.

4 Removed Functionality

None

5 Known Issues

1. When a X8 contact that is configured as input is tried to be set using DTMF command 3, the active call will be closed as it will be detected as a button press. Calculate properly the bitmask used in this command so that it does not try to set to "1" X8 pins configured as inputs. This issue is valid also for all versions of SIP client prior to V2.01;
2. In order the status of X8 contacts to be correctly displayed after using DTMF command 4, the SIP client needs to be rebooted in order the X8 device to be properly reinitialised with the new settings.
3. The inputs supervision is fully supported only on Annunicom 155. When run on Annunicom 1000, the inputs are shown as normal 2 state (open/close) inputs.
4. The Acoustic Echo Cancellation does not work properly with G.722 audio codec enabled.

6 Release generating details¹

6.1 CVS release tag

abcl_sip_v0211_20121018

6.2 Compile commands:

make ab_sip

6.3 Regenerating the FW image

The source code of the SIP Client application is too big in size, and cannot fit into the COB file together with the tokenized BCL code. The generated release already has the source code stripped out of the FW image. However, if for some reason manual rebuild of the FW is needed, then the *applications.sh* script or the *applictns.bat* batch file has to be run with the **-no_source** option to regenerate the applications.cob file:

```
./applications.sh -no_source
```

¹ This information is intended for BARIX developers only

7 Legal Information

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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