

Release Note

SIP CLIENT V2.12

Document Name:	Release Note																					
Document ID:	20130429ASI1																					
Document Date:	29. Apr. 2013																					
Document Version:	V1.00																					
Firmware name:	SIP CLIENT V2.12																					
FW Release Date:	26. Apr. 2013																					
Package Name:	abcl_sip_v2.12_20130426.zip																					
Version Overview:	<table><thead><tr><th>Type</th><th>File name</th><th>Version Date</th></tr></thead><tbody><tr><td>Firmware</td><td>abclw.rom</td><td>VB1.11_20130304</td></tr><tr><td>WEB UI</td><td>abclapp.cob</td><td>V02.05_20130426</td></tr><tr><td>FW Ext. 1</td><td>sg.bin</td><td>V09.26_20130304</td></tr><tr><td>FW Ext. 2</td><td>fs.bin</td><td>VA2.06_20110322</td></tr><tr><td>FW Ext. 3</td><td>bclio.bin</td><td>V01.24_20130226</td></tr><tr><td>Bootloader</td><td>exfull.rom</td><td>V99.26_20120223</td></tr></tbody></table>	Type	File name	Version Date	Firmware	abclw.rom	VB1.11_20130304	WEB UI	abclapp.cob	V02.05_20130426	FW Ext. 1	sg.bin	V09.26_20130304	FW Ext. 2	fs.bin	VA2.06_20110322	FW Ext. 3	bclio.bin	V01.24_20130226	Bootloader	exfull.rom	V99.26_20120223
Type	File name	Version Date																				
Firmware	abclw.rom	VB1.11_20130304																				
WEB UI	abclapp.cob	V02.05_20130426																				
FW Ext. 1	sg.bin	V09.26_20130304																				
FW Ext. 2	fs.bin	VA2.06_20110322																				
FW Ext. 3	bclio.bin	V01.24_20130226																				
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

The following new features have been implemented compared to the previously released v2.11:

- New feature 069.92: Add support for IPAM102 standalone module (HW type=40)
- New feature 069.93: Add QoS parameter in WEB UI network settings
- New feature 069.99: Add SIP Display Name
- New feature 117.03: Allow more than 16 characters for the SIP password
- New feature 117.08: Add DA command to answer an incoming call
- New feature 117.09: Extend the microphone gain configuration options in the range of 12-19.5 dB for IPAM 102 modules
- New feature 117.10: Add "View As Plain Text" button on the status web page

3 Fixed Bugs

The following bugs have been fixed compared to the previously released V2.11 :

- Bug 069.95: Auto hangup timer is not stopped when the outgoing call is rejected from the remote party
- Bug 069.96: SIP password entry is disabled when switching from P2P to SIP mode from the Advanced Settings
- Bug 069.97: Stream timeout is not accurate on IPAM 102
- Bug 069.98: BGM starts not before a call is done
- Bug 117.01: Re-registration fails if notification message is active
- Bug 117.04: Call is not properly closed when relayed by SIP proxy.
- Bug 117.05: Wrong behaviour when dialing using DH command

4 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. Decoding DTMF commands does not work properly when the remote peer is sending them both as DTMF digits and via the SIP INFO message. In this case configure the remote peer to use only one of these methods.
5. This release of the SIP client uses different EEPROM setup values for the SIP Password and Call On Level ID. Make sure you do apply factory defaults after updating the FW before continue using the SIP client

5 Release generating details¹

5.1 CVS release tag

```
abcl_sip_212_20130426
```

5.2 Compile commands:

```
make ab_sip
```

5.3 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

6 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 SIP 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