



Release Note

IPAGING V00.09

Firmware name:	IPAGING V00.09		
Released:	19. Jan. 2010		
Package name:	abcl_ipaging_v009_20100119		
Version overview:	Type	File name	Version Date
	Firmware	abclw.rom	V00.26_20100119
	WEB UI	abclapp.cob	V01.12_20090924
	SonicIP	sonicip.cob	V01.04_20070625
	FW Ext. 1	sg.bin	V07.04_20091228
	FW Ext. 2	fs.bin	V02.04_20100105
	FW Ext. 3	bclio.bin	V01.12_20100106
	Bootloader	exfull.rom	V99.15_20091231
	ES Module	esnd.rom	V00.05_20091230

I Hardware Compatibility

This firmware is intended to run on the following devices:

- iClient - Exstreamer 100, 110, 200, 1000, Annunicom 100/200
- iMaster – PSI6, or Annunicom 100/200 with limited functionality
- IPAM 100, 200, 300

Note: The firmware may run on other Barix audio devices, however the functionality is not guaranteed.

2 New Features and Improvements

The following new features have been implemented in the IPAGING V00.09 (compared to 00.08):

- Performing revert to factory defaults when a defined key combination is pressed during the boot process of PS16;

3 Bugs Fixed In This Version

- None, this version is based on va008 plus the modifications in the ABCL FW to allow restoring the factory defaults at boot

4 Other remarks and known issues

The known issues from VA008 are also valid for VA009:

- Interrupting established intercom call by a paging message is still not possible, even if the paging message has a higher priority than the current call. However, sending non BARP emergency message at the defined emergency has the highest possible priority, and works in all cases;
- RTP priority message must be sent with the same codec as preconfigured on all devices, otherwise it will not work.
- It is highly recommended to set the masters to send the paging messages to a multicast group with port different than the configured BARP audio port to avoid reception of 2 audio streams on the same port (which may happen for example in the case of established intercom call, and an ongoing paging message when the master is using the default BARP audio port for paging).

5 Reverting to factory defaults at boot

This new feature has been added as a software replacement for the missing reset button in PS16 stations.

In some cases (forgot web UI password, loading corrupted FW image, etc.) the access to the web UI may be lost. In such a situation the only possible recovery solution on the BARIX devices is to press and hold the reset button while powered on. The device will revert to factory defaults, and reboot. However, since PS16 stations do not have HW reset button. In this case follow the procedure below to revert to factory defaults:

- Press and hold key I (lower left) at startup. A message will appear on the display asking you to confirm;
- To confirm press key 16 (upper right) within 3 seconds, without releasing key I, otherwise the unit will continue booting normally;
- After confirming and releasing all keys, the factory defaults are restored and the unit reboots. Listen to the SonicIP and note down the IP address.
- Open the web page at the announced IP address, and change the application from “iclient” to “imaster”. Click “Apply to reboot.
- After reboot, reconfigure the imaster as it was before.

6 Release generating details¹

6.1 CVS release tag

```
abcl_ipaging_v009_20100119
```

6.2 Compile commands:

```
make ab_ipaging NOBAS_IN_COB=I
```

6.3 Regenerating FW image

The source code of the FTP_MP3 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 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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