



# Release Note

## FTP MP3 V00.70

<b>Firmware name:</b>	FTP MP3 V00.70		
<b>Released:</b>	18. Dec. 2009		
<b>Package name:</b>	abcl_ftmp3_xxxx_v0070_20091218		
<b>Version overview:</b>	<b>Type</b>	<b>File name</b>	<b>Version Date</b>
	Firmware	abclw.rom	V00.25_20091216
	WEB UI	abclapp.cob	V01.12_20090924
	SonicIP	sonicip.cob	V01.04_20070625
	FW Ext. 1	sg.bin	V07.03_20091105
	FW Ext. 2	fs.bin	V02.04_20091209
	FW Ext. 3	bclio.bin	V01.11_20091217
	Bootloader	exfull.rom	V99.14_20091015
	ES Module	esnd.rom	V00.04_20090806

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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 and Improvements

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The following new features have been implemented in the FTP MP3 V00.70 (compared to 00.69):

- Improved the display of some parameters in the playlist page;
- Using released stable version FAT32 of the file system module;
- Improved the process of the DNS resolution of NTP and config servers;
- NTP update is done at each NTP\_INTERVAL independently from the UPDATE\_DAILY\_TIME setting.

## 3 Bugs Fixed In This Version

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- Bug 056.58: NTP is not updated when booting without network;
- Bug 056.59: The NTP and FTP servers are resolved only at start-up. So if failing the device will not be able to resolve anymore later on;
- Bug 056.60: Tools folder broken;
- Bug 056.61: If UPDATE\_DAILY\_TIME is set, the device will anyway do the initial config and music update if QUICK\_PLAY=0.

## 4 Other remarks and known issues

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- Playback may be disturbed while loading the music directory page if a big amount of music files are present in the music directory;
- Deletion of music files from the current playlist may cause incorrect playback. Deleted files will not be restored until the next music update. Use the file delete function with caution!;
- Only the contents of the music directory is shown in the music files view. Other directories are not shown, even if the player directory is set to USB root;
- The music directory name is limited to 8 characters;
- Only one level of directory hierarchy is supported (i.e. “/maindir/subdir” is not a valid path even if it fits within the 8 characters name limit);
- Some browsers<sup>1</sup> may send 2 commands when clicking on a command from the command bar on the control page. If you see CGI syslog messages with the same content in less than 500 ms one after the other, for example:

13811.240648	192.168.11.226	192.168.11.255	CGI:play&reloaded=false
13811.591514	192.168.11.226	192.168.11.255	CGI:play&reloaded=false

then this is may be the case for you. Upgrade your browser or use another one;

- The names of the playlists are not displayed if the PLAYLISTS page is opened with the Safari browser.
- If the network is not available while the device is booting, then the NTP and FTP servers may not be successfully resolved, and any consequent NTP, configuration and music updates will fail. To prevent this, the application has been modified to repeat the DNS resolution at each NTP\_INTERVAL specified in the player.cfg. If any config and music update is attempted before the next NTP\_INTERVAL, it will fail, so set MUSIC\_UPDATE and CONFIG\_UPDATE interval greater than the NTP\_INTERVAL, or use UPDATE\_DAILY\_TIME setting.

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<sup>1</sup> In fact, this has been noticed with Seamonkey 2.0 (Gecko/20091017), Firefox 3.5.3 (Gecko/20091006), Firefox 3.5.4 (Gecko/20091016), Safari V4.0.4 (5531.21.10) worked fine.

## 5 Release generating details<sup>2</sup>

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### 5.1 CVS release tag

```
abcl_ftmp3_v0070_20091218
```

### 5.2 Compile commands:

```
make ab_ftmp3_xxxx NOBAS_IN_COB=1
```

where xxxx is the release which needs customised settings

### 5.3 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
```

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<sup>2</sup> This information is intended for BARIX developers only

## 6 Legal Information

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For information about our devices and the latest version of this manual please visit [www.barix.com](http://www.barix.com).

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