



Release Note

ABCL V0.36

Firmware name:	ABCL V0.36		
Released:	16. Mar. 2011		
Package name:	abcl_kit_v0036_20110301.zip		
Version overview:	Type	File name	Version Date
	Firmware	abclw.rom	V00.36_20110301
	WEB UI	abclapp.cob	V01.14_20100903
	FW Ext. 1	sg.bin	V08.18_20110222
	FW Ext. 2	fs.bin	V02.05_20100826
	FW Ext. 3	bclio.bin	V01.18_20101110
	ES Module	esnd.rom	V00.05_20091230
	Bootloader	unifull.spb	V99.22_20110124

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I Hardware Compatibility

This firmware is intended to run on the following devices:

- Exstreamer 100, 110, 120, 200, 500, 1000
- Annunicom 100, 155, 200, 1000
- Instreamer 100
- IPAM 100, 200, 300

2 New Features

The following new features have been implemented in the ABCL v0.36 (compared to version 0.35):

- #053.41: bass and treble frequency setting
- #047.45: red/green LED control via ioctl 61000/61001

3 Bugs Fixed In This Version

None.

4 Known Limitations

4.1 Baud Rate 230400 in Annunfdx

If baud rate 230400 is set in the Annunicom Full-duplex application and serial gateway function is enabled a BCL error occurs in syslog and the application stops.

This can be fixed by changing the line 88 of annunfdx.bas as shown below:

original:

```
if comb=10 then com$=com$+"230400,"
```

new:

```
if comb=12 then com$=com$+"230400,"
```

5 Major Modifications

None.

6 References

	Document
[1]	BCL Programmers Manual 1.14
[2]	ABCL Technical Documentation

7 Legal Information

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