



## Release Note

### Annunicom V3.07

<b>Firmware name:</b>	Annunicom V3.07		
<b>Released:</b>	29th March 2010		
<b>Package name:</b>	annunicomic_updatekit_vb307_20100329.zip		
<b>Version overview:</b>	<b>Type</b>	<b>File name</b>	<b>Version Date</b>
	Firmware	annunicomic.rom	VB3.07_20100329
	FW Ext.	xt05.bin	V00.03_20050317
	FW Ext.	SG.BIN	VA7.10_20100315
	SonicIP	sonicip.cob	V01.04_20070625
	FW Ext.	bclio.bin	V01.13_20100225
	WEB	annunicomicapp.cob	V01.26_20100302
	Bootloader	UNIFULL.SPB	V99.15_20100114

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# I Hardware Compatibility

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This firmware is intended to run on the following devices:

- Annunicom 100, Annunicom 200
- IPAM 100

Notes: The Annunicom 200 has an additional 'sub' interface which supports Aiphone devices.

The firmware can run on other bidirectional Barix audio devices. However the functionality is not guaranteed.

## 2 New Features

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The following new features have been implemented in the Annunicom V3.07 (since version 3.05):

- #028.34 The WEB UI detects the presence of an Annunicom 200 to support the configuration of the 'sub' interface.
- #028.36 Aiphone devices are supported via the 'sub' interface available on the Annunicom 200
- (# 055.14) The option of using a speaker also as a microphone is made configurable.
- #055.17 New structure to the software kit which includes a new format for the serial upload.

## 3 Bugs Fixed In This Version

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The following bugs have been fixed in the Annunicom V3.07 (since version 3.05):

- #28.39 WEB UI 'Source detect' should be removed from the help since no more applicable.
- #55.08 When starting and stopping the audio feed, e.g. stream on level, the audio may stop after a while. Values of 30 minutes were observed.
- # 055.14 Speaker as Mic does not work.
- # 055.15 WEB UI annoying bracket after song version
- #66.01 ICMP answers do NOT use ARP resolution
- #66.04 TCP reassembly is inefficient.
- #66.07 WEB server sometimes rejects the connection
- #66.08 TCP. Receiver window  $\leq 10B$  ignored by sender.
- #66.09 TCP. TCP Window shrink of the receiver causes arithmetic overflow on the sender.
- #66.10 TCP sync accepted from IP broadcast address
- #67.05 Bootloader monitor W/w command not recognized. Note: The new Bootloader is loaded only if the serial 'rescue' is used.
- #67.07 Binary Discovery should not use arp resolve

## 4 Known Bugs

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- #055.19. Command interface on Serial not disabled. When the device is configured for Serial gateway/tunnel (that is over TCP) the Command Interface is active when there is no TCP connection

## 5 Major Modifications

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### 5.1 Aiphone Devices

Aiphone Panels series IE (with separate Mic) are supported on the Annunicom 200 front panel SUB interface. Series LE devices (without Mic) don't have enough sensitivity for such an interface but can still be used in a Speaker-as-Mic configuration connected on the back panel.

### 5.2 Update Kit

The batch names ipamres\* and rescue have been changed to serial\* and legacy\*.

The \_readme.lst file has been changed so that the first part contains version information specific to the Annunicom . The rest of the file contains general serial and WEB update instructions.

The linux and mac folders are now combined and the same serial update commands used for both. But please note that the load\_mac binary included only works under MAC OS 10.5. For other OS the binary can be created from the source provided in the package.

WEB Cob creation for Linux & MAC is not supported in the package but the required program bpkg can be obtained on request from Barix support for Linux and MAC OS 10.5.

## 6 References

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	Document
[1]	Annunicom IC Technical Documentation <u>V3.07</u>

## 7 Legal Information

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