

# GPIO Node

## Update Instructions

### INCLUDING VERSION NOTES

12 September 2005, Cleveland Ohio, USA

#### AXIA NODE SOFTWARE

An Axia node has two internal memory “banks”. Each bank contains room for a complete version of operating software. This approach allows a software update download to be completed and checked without danger of making the unit inoperable if the download were to be incomplete or corrupted. It also provides an easy way to try a new software version and still return to the old version.

The software version in each bank is displayed from the System web page. The lower half of this screen, shown below, shows the current firmware versions and allows you to select what version will be used at startup. To change banks simply click in the “radio button” for the desired bank and then click on Apply.

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*IMPORTANT! The node will reboot after you click Apply if you change the software version. This will result in loss of audio locally, and at any unit using the local sources.*

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#### Saving Bank 1 Software

Software is always downloaded to bank 1 (the secondary bank). Downloading software (see below) will overwrite the software currently in

this bank, if any. If you wish to save the software currently residing in bank 1 you can save it by moving it to bank 1 as follows:

1. Click on Commit this version to Bank 0" box (se below).
2. Click on *Apply*. The node will now reboot.

### Downloading new software

A new software version can be downloaded into bank 1 as follows:

1. Visit [www.axiaaudio.com/downloads/](http://www.axiaaudio.com/downloads/) and download the desired software update for the node to be updated to your computer (this should be the computer that you will use to access the node's web page). Your local computer operating system should display a prompt to permit you to choose where you wish to locate the downloaded file. You can choose any convenient location, just be sure to note the drive and location where the file is to be saved.
2. Open a web browser and connect to the node to be updated. Enter the complete path and file name for the software file (e.g. the file downloaded form the Axia site), or click on the *Browse* button to locate the file. Once the proper path and filename are displayed, click on *Apply* to download the file.
3. A successful download will be indicated by the new version being displayed in the *Bank 1* field. If the download is unsuccessful the field for *Bank 1* would be blank.



## GPIO NODE SOFTWARE RELEASE NOTES

27 September, 2004

Many users inquire what features are new in the latest firmware release. The following Release Notes show the improvements and features added with each significant release.

1.2.23

August 2004

Initial release

1.2.24

September 2004

- Number of sources per terminal in the advertisement database may now exceed 32.
- Data LED ON now confirms system is booted and running. Pressing *ID* button causes the Data LED to operate as previously described (e.g. flickering represents data).

22 August, 2005

ver. 1.3.7

- Optimized source selection window on the "Destinations" WEB page to handle large number of channels to be displayed faster.
- Fixed GPIO-to-GPIO: 1 source port – to - many destinations ports on the same unit.
- GPIO saves the running configuration to NVRAM. Before, when routes were set without saving the configuration (eg. with PathFinder), GPIO would come back with routes set to the last saved configuration. Now, running configuration is automatically saved to NVRAM and recalled after power up.
- GPIO discovers when the source GPIO is powered down and attempts to reconnect after 1 minute.