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Alpha Firmware Upgrade Manual V1.4

Alpha Firmware Upgrade

Revision History

Version	Modifications	Date
1.0	Initial Draft	14/7/99
1.1	Updated From Comments	4/8/99
1.2	Revised to include modifications for V1.02 software	22/9/99
1.3	New sections to aid Test, Commissioning and operation of the <i>alpha</i> added	17/11/99
1.4	Note to remove link J1 from CPU card added.	20/01/06

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DISCLAIMER

This manual contains information that is correct to the best of Audix Systems knowledge. It is intended to be a guide and should be used as such. It should not be considered as a sole source of technical instruction, replacing good technical judgement, since all possible situations cannot be anticipated. If there are any doubts as to exact installation, configuration and/or use, call Audix Systems at
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ACKNOWLEDGEMENTS

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Alpha Firmware Upgrade

Technical Support

In the unlikely event of you having problems with your *alpha* routing matrix please contact our Customer Services Department.

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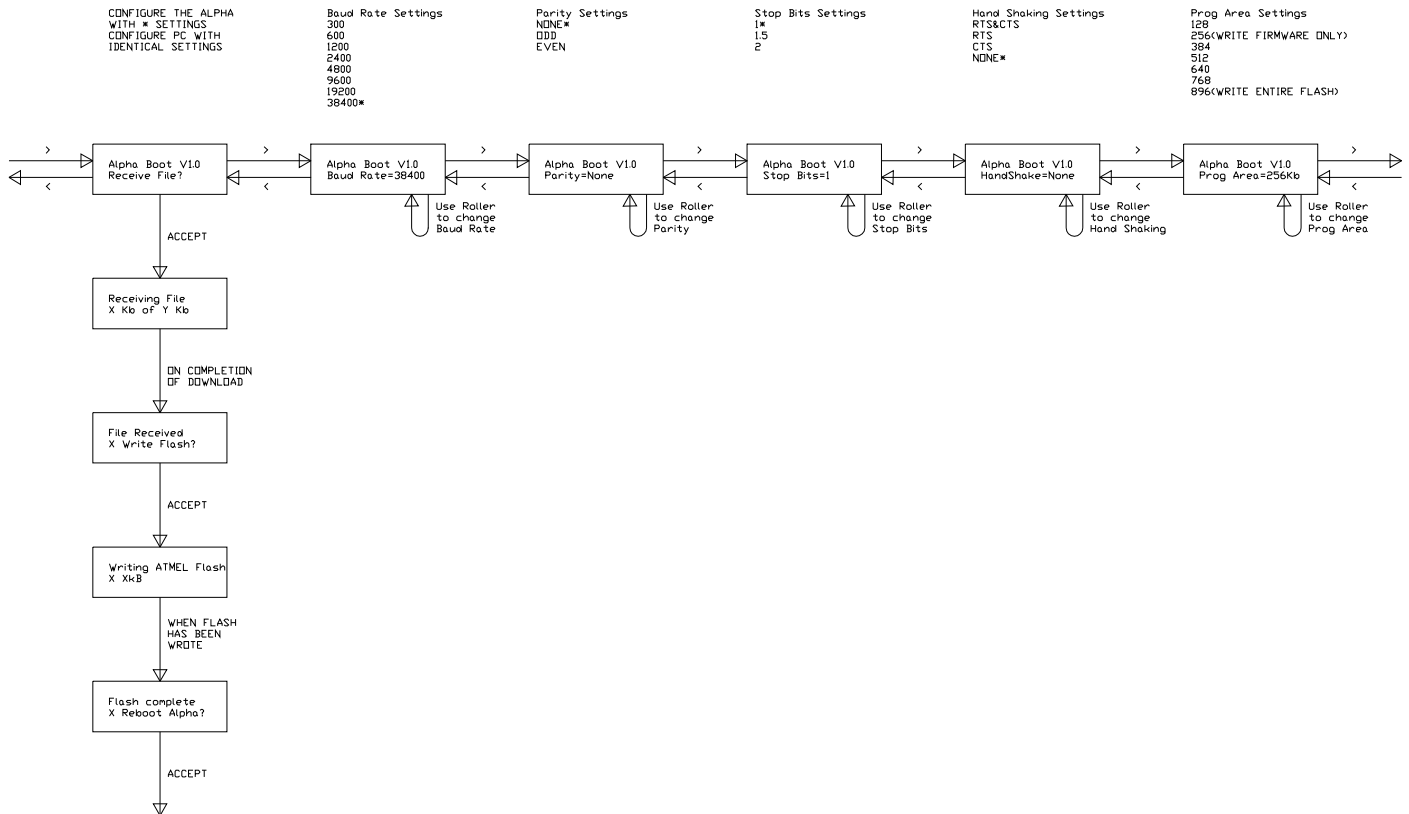
Development

Our Research and Development Department are continuously improving the operation and functionality of our products. If you have any comments on future requirements of our products please contact our R & D department at the above address.

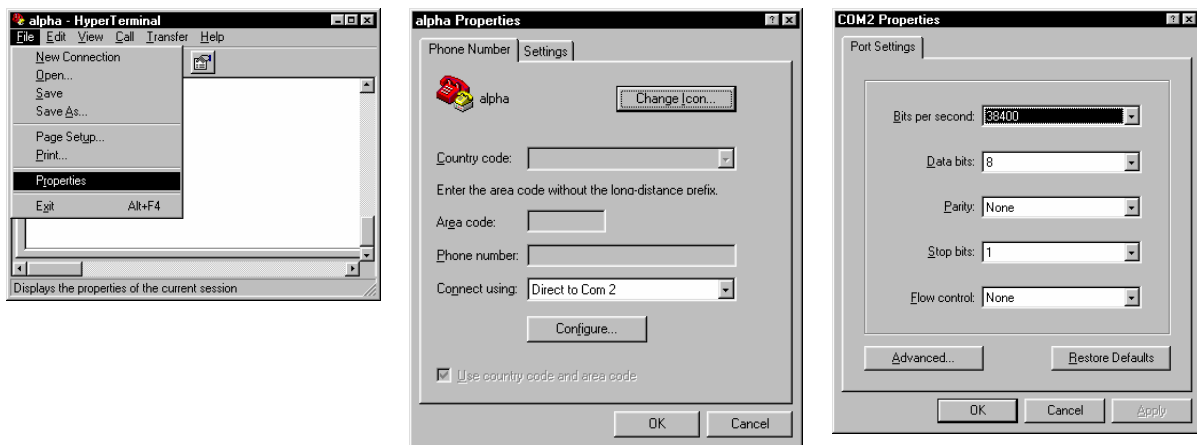
Alpha Firmware Upgrade

Firmware Upgrade

The Firmware code of the *alpha* can be upgraded simply via the engineers port. Ensure that link J1 on the CPU card (D777) is in position (this link must be removed when the firmware upgrade is completed) and turn the key in the keyswitch to the unlocked position (clockwise). To upgrade the firmware; press the ESCAPE button when the *alpha* is powered up. This will take you into the *Alpha* Boot Block Menu, as shown below.

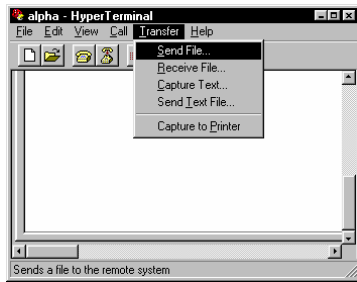


Using the Standard Windows HyperTerminal Software, Send the firmware File to the *alpha*. Configure the Properties of the serial link to the *alpha*. Chose an unused Com port on your PC and set the port settings as shown below.



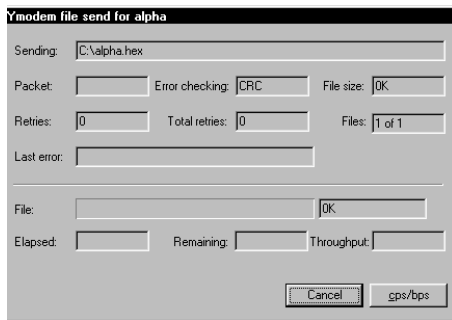
Alpha Firmware Upgrade

Go to the Transfer-Send File menu. A pop up screen will appear, select the File to Download to the *alpha* (typically alpha.hex), make sure the Protocol is set to YMODEM.



On the *alpha* front panel go to the Receive File? Screen and press the ACCEPT button. The *alpha* is now waiting for the file to be sent. Press Send on the on the Send File window on the PC

The Pop up screen shown below will appear showing the progress of the file, the progress is also shown on the front panel of the *alpha*.



When the file has been transferred, you will be asked on the front panel of the *alpha* if you wish to transfer the file to flash, press ACCEPT. The progress of this file transfer is indicated on the front panel. When the File has been transfer to flash the *alpha* will ask you if you wish to reboot press accept and the *alpha* will restart with the new firmware.