

GETTING STARTED WITH EUROPA

- 1) Examine the contents of this package – it should contain the following:
 - CD containing Europa documentation and update software
 - Chip carrier containing CPU chip
 - Chip carrier containing socket, wire, and 2 resistors
- 2) If a technician is installing your Europa, reseal the box and take it and your Jupiter 6 to him. You should first verify that he has a computer and can view an Acrobat PDF file. If not, then print out a copy of the file "Installation Instructions.pdf" in the Documentation folder on the CD to give to him.
- 3) If you are installing your Europa, then read the Notes to the Installer below, then read the file "Installation Instructions.pdf" in the Documentation folder on the CD.
- 4) Enjoy your Europa! If you have any questions, please send an email to support@synthcom.com.

NOTES TO THE INSTALLER

- 1) Europa is an easy upgrade to perform, however, this does not mean you shouldn't read the Installation Instructions carefully. We've had a few techs call us up to complain that the upgrade didn't work, only to find out that they skipped a step because they skimmed the instructions. If you're a good tech, you'll probably find the instructions boring. Please read them anyway, so you don't miss any important details.
- 2) One of the resistors is a spare, included in case the other gets lost.
- 3) Before installing the socket on Step 15 of the Installation Instructions, first clean the solder pads on the component side with a mild abrasive such as a pencil eraser, to remove any oxidation buildup. Next, tin the solder pads on the component side, **except on the pad for pin 19**. The flux will remove any remaining oxidation, and the solder will help ensure that the pads get soldered to the pins, as the holes are not plated through and it can be difficult to get solder to flow through them.
- 4) After installing the socket, please perform a socket continuity test as instructed on the following sheet of paper.
- 5) If the board doesn't work, even after following the troubleshooting instructions, **DON'T PANIC!** Europa is a very simple upgrade with little to go wrong. Every chip is tested before we ship it, so you're probably seeing an installation problem. Reread the installation instructions to make sure you didn't miss anything. If the CPU is not running (option 1 in the Troubleshooting section), don't worry, it won't harm the board to power it up with a non-functioning CPU. With the board powered up, check for a 12 Mhz clock signal on pin 19 of the CPU with an oscilloscope. Test for 5 volts on pin 31, and 0 volts on pin 18. Use a magnifying glass to verify that the component side pins are soldered. If all else fails, call us a (503) 318-8954 between 10AM-6PM Pacific time for further troubleshooting assistance.