

Instructions for RS-232 Adapter (non-BlueTooth Modified)

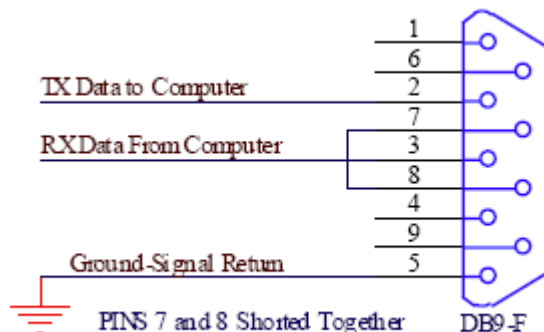
- 1. Please Read all Instructions before connecting the Second Serial Port Adapter.**
- 2. Power on** the Gemini Control Box.
- Use the Gemini hand control to set the second serial port baud rate to either 9600 baud (default), or 19200 baud. See the Gemini Manual for Instruction on how to do this, The location in the menu is under Menu, Setup, Communication, Serial HC speed.
- 4. Power off** the Gemini.
- Remove the Hand Controller (HC) from the Gemini.
- Connect the Serial RS-232 adapter to the Gemini.
- Connect a straight through 9 Pin (**pin for pin female to male**) RS-232 cable to the RS-232 adapter and your computer.
- Make sure that program that you are going to use has its baud rate set to match the baud rate selected above.
- You can use the Rebooter program (available separately) to insure that you have communications with the Gemini. Set the Serial port to match you computers serial port, and the baud rate to match the selection above.
- Power Up the Gemini, and give it approximat 20 seconds to initial.
- Select connect on the rebooter program. The messages on the bottom of the Rebooter program tell you what is happening. If you get an error message, make sure that you are using the correct type of cable, that you have selected the correct serial port and baud rate.
- When the rebooter program has detected the Gemini successfully, it will give you a choice of “Cold Boot”, “Warm Boot” or “Warm Restart”. Select which one you want. The program will then try to perform that task. If successful, the program will terminate, if not it will give you an error message.
- If successful, try and run any of your other programs to connect to the Gemini, such as GCC Level 4.

Instructions for RS-232 Adapter (BlueTooth Modified)

If this is a unit modified for BlueTooth, do not connect it directly to a PC. The power on pin 9 will shut down the serial port of the computer. To use with a computer, make a RS-232 cable with pin 9 interrupted. If using with a AirCable Blue Tooth adapter, use the quick start guide on AirCables web site, and set the adapter for a Service-slave mode.

Note: only the following pins are connected in the RS-232 Adapter

162738495DB9-FTX Data to ComputerRX Data From ComputerGround-Signal ReturnPINS 7 and 8 Shorted Together



Pin 9 may have +5VDC on it if this is a unit modified for BlueTooth Adapters