

Download a program to the HC11 EVBU using Windows95 Hyperterminal

[Case 1] Download a program to RAM

1. Double click on the *Shortcut to 9600 Baud* icon on the desktop. This opens up the Hyperterminal program operating at 9600 baud.
2. Hit RESET on EVBU. You should now see the BUFFALO heading.
3. Hit Return. You now have the BUFFALO prompt ('>').
4. At the BUFFALO prompt type
 >load t
 and Hit Return.
 BUFFALO is now waiting to receive your S19 file.
5. Click on the Send text file option which is under the Transfer menu.
6. Find your S19 file and double click it.
7. When the program is done downloading you will see the BUFFALO prompt return.
8. You can now use the memory display command (md <addr>) to verify that you have successfully downloaded your S19 file.

[Case 2] Download a program to EEPROM

1. Double click on the *Shortcut to 9600 Baud* icon on the desktop. This opens up the Hyperterminal program operating at 9600 baud.
2. Hit RESET on EVBU. You should now see the BUFFALO heading.
3. Hit Return. You now have the BUFFALO prompt ('>').
4. At the BUFFALO prompt type
 >MM 102b
 and Hit Return.
 BUFFALO will display
 102b 30 _
 BUFFALO shows you that \$30 is currently at memory address \$102b, which is the BAUD register.
5. Change the value in the BAUD register by typing 35. Hit Return.
 This tells the EVBU to operate at 300 baud. Your board will no longer respond to your typing because it is operating at 300 baud while Hyperterminal is operating at 9600 baud.
6. Disconnect Hyperterminal using the Disconnect button or the Disconnect option which is under the Call menu.
7. Double click on the *Shortcut to 300 Baud* icon on the desktop.
 This opens up another Hyperterminal window which is operating at 300 baud.
8. Hit Return twice. You will be at the BUFFALO prompt ('>').
9. At the BUFFALO prompt type
 >load t
 and Hit Return.
 BUFFALO is now waiting to receive your S19 file.
10. Click on the Send text file option which is under the Transfer menu.
11. Find your S19 file and double click it.
12. When the program is done downloading you will see the BUFFALO prompt return.
13. You will now want to return to 9600 baud operation by disconnecting the 300 Baud Hyperterminal, connecting the 9600 baud Hyperterminal and hitting Reset on the EVBU at which point you should see the BUFFALO heading.
14. You can now use the memory display command (md <addr>) to verify that you have successfully downloaded your S19 file.