



Downloading Hex Images to the Symbol VRC Forklift Mount Unit

This section describes the procedures for loading the data collection program onto the portable forklift computer.

Note: The VRC unit MUST be attached to a Symbol VRC Desktop Power Supply. Make certain that a null-modem cable is connected to Com 1, or Com 2 if applicable, of the PC and to the VRC, and make sure power is going to the Symbol VRC Desktop Power Supply.

VRC = VRC step **PC** = Computer step

*If this is a new unit you will need to load 3 files in the following order:

1st: L11XXXX.hex
2nd: U11XXXX.hex
3rd: ARFDV279.hex

*You will load all three of these files using the steps 1 - 18 for each different file. Then after you have loaded the last file go on to steps 19 - 23. After you finish loading and the Configurator screen appears you will want to configure for your network.

*If this is not a new unit and you just want to update your image then just go through steps 1 - 18 one time and then proceed to steps 19 - 23.

To load the image:

1. (VRC) Power <OFF> the VRC unit.
2. (VRC) Press and hold down the <A> and <D> keys simultaneously.
3. (VRC) Press and release <PWR>.
4. (VRC) Release the <A> and <D> keys.
5. (VRC) At the 'Select Function' prompt, press <▼> (down arrow key) to select 'Program Loader'.
6. (VRC) Press <Enter>.
7. (VRC) At the message 'Warning: EPROM will be erased. Continue? <Ent>', press <Enter>.
8. (VRC) At the 'Baud' prompt, press <▲> (up arrow key) until **38400** displays.
9. (VRC) Press <Enter>.
10. (VRC) Press <Enter> until the 'Flow Control' prompt displays.



11. (VRC) Press <^> (up arrow key) until 'Xon/Xoff' displays.
12. (VRC) Press <Enter>.
13. (VRC) Press <Enter> at all other prompts until the 'Start? <Ent>' prompt displays.
14. (PC) Go to the DOS prompt on your PC. Select Start and then select Run. Type *cmd* in the box and click OK. The DOS prompt should appear.
15. (PC) Enter "cd" plus the name of the directory that contains Sendhex and ARFDVXXX.hex files and hit Enter.
16. (PC) You should see a prompt: C:\\"directory name"> come up.
*Directory name cannot be more than 8 characters.
16. (PC) Then type **SENDHEX Filename 38400 COM1**, press <Enter> (type COM2 if using comm port 2) – (38400 is baud rate – COM1 is default, does not need to be typed in, but COM2 does).

*The files you are loading have to be on your local drive and have to be unzipped.
17. (VRC) Press <Enter> on the VRC.
18. (PC) Press <Enter> on the PC.
19. (VRC) When download is complete you will see "done" on the DOS prompt and the VRC will show "Status 0000".
20. (VRC) Power <OFF> the VRC when the download is complete.
21. (VRC) Press and hold down the <F1>, <F4> and <Enter> keys simultaneously.
22. (VRC) Press and release <PWR>.
23. (VRC) Release the <F1>, <F4> and <Enter> keys. (Once the unit has rebooted, a configuration screen will appear and you will want to proceed to configure for your network)

Cold Boot:

1. (VRC) Power unit off.
2. (VRC) Press and hold down the <F1>, <F4> and <Enter> keys simultaneously.
3. (VRC) Press and release <PWR>.
4. (VRC) Release the <F1>, <F4> and <Enter> keys.



Warm Boot:

1. (VRC) Power unit off.
2. (VRC) Press and hold down the <Shift> and <L> keys simultaneously.
3. (VRC) Press and release <PWR>.
4. (VRC) Release the <Shift> and <L> keys.

Comm Boot:

1. (VRC) Power unit off.
2. (VRC) Press and hold down the <A> and <D> keys simultaneously.
3. (VRC) Press and release <PWR>.