Palstar HF-AUTO Load Notes:

After plugging in the USB to RS232 adapter driver access the computer's device Manager. A "Ports (Com & LPT)" item should appear in this wondow. When this line is expanded, a USB Sepial Port line should be shown (without any yellow triangle). Double clicking on that line will open up a window showing the Properities of that device. The   Device status box should read " This device is working properly". If not, the proper device driver needs to be installed. Some adapters have been found not to work properly when using Windows 8 (a work around may be possible by installing an older version of the driver for that device).

The Device Manager should indicate   COM1. If not, under the Properties window, select Port Settings. Click on the Advanced button, then change the COM Port number to COM1. Some software can indicate that COM1 is already in use. If no other physical COM1 device is in use or to be used as COM1 for that computer, then changing the COM port to COM1 should not be a problem. If COM1 is really being used, the COM port number in the HF_script.txt file can be changed to match the COM number that is shown for the adapter that will be used for downloading to the HF-AUTO.

After the device driver has beed installed, some situations need the computer being used to be booted up again for all the adapter driver settings to be in effect (and the install process does not inform the operator of that condition).

 Create or use a folder under the C: drive that does not contain a space character and copy the files extracted from the .zip folder to that file folder. Double click the .bat file from that new location to start the firmware update.

Any RS232 DB9 extension cable going from the adapter to the HF-AUTO must be of a one to one pin connection and not a crossover or a null modem type (pin 2 connects to pin 2, pin 3 connects to pin 3, pin 5 connects to pin 5).

It is reccomended not to use any USB extension cable between the computer and the USB to RS232 converter. That connection runs at high speed and may not function properly.

The Windows Operating System has now been found to link one RS232 device/COM port with a single application. When that happens, any other application is then unable to have a logical connection to that COM port. When that happens, the load operation will fail. To set up a COM port, go into the Device Manager, select the COM port Settings and go into Advanced settings. Select a different unused COM port number and select OK. Next, select COM 1 (the used COM number) and select OK. When a warning box appears select YES to continue. After doing this, restart the computer to have the new settings go into effect. The application that next uses that COM port is linked to that port. This will allow the load operation to function correctly. To go back to using any other application with that COM port, repeat this process again.