Using a 3rd party COM terminal to send and receive RS232 commands to a MSB DAC

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Windows no longer provides a default COM terminal in their OS. A third party program will need to be downloaded. For the example here, the program “RealTerm” has been downloaded.

It can be downloaded here:

https://sourceforge.net/projects/realterm/

The first step is to configure the COM port settings to match the settings below. Click on the “Port” tab.

Baud Rate: 9600
Parity: Even
Data Bits: 8
Stop Bits: 1 bit
Hardware Flow Control: None
Software Flow Control: Ignore these settings
Port: This is the port number of your RS232 interface. If you are not sure of the port number, you can find it in your device manager.

After you change the settings, click the Change button.
To send a command click on the “Send” tab.

In the Send enter “\0x02DAC\[desired command]\0x03 as shown in the above. A good first step is to send the volume down command which is \x02DACBB\x03

Once you have your command entered, click the “Send ASCII” button. If you want the feedback to look nice, check the “After” box for the “\n” field and it will put everything on its own line (Optional).