Writing a "user control" command to the Spectrum using MIDI SysEx. This example will take a trackbar value from 0-254 and write the value to the Master Depth parameter on the Spectrum.

```
SysEx End
                                                        SysEx Start
private void trackBar1 Scroll(object sender, EventArgs e)
   if (this.outDevice != null)
       byte[] data = new byte[13] { 0xF0, 0x00, 0x01, 0x6C, 0x00, 0x70, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0xF7 };
       int value = (ushort)this.trackBar1.Value;
       byte high byte = (byte)(value >> 8);
       byte low byte = (byte)value;
                                                                              Data Value (16-bit max, most knobs are 8-bit
       if (high byte > 127)
                                                                              with a max value of 254)
          data[8] = 1;
          data[9] = (byte)((int)high byte & 0x7F);
                                                                      User Control Number (0x02 is Master Depth)
       else data[9] = high byte;
                                                              Command Type (0x70 is Write User Control)
       if (low byte > 127)
                                                    Source Audio MIDI SysEx ID (0x00, 0x01, 0x6C)
          data[10] = 1;
          data[11] = (byte)((int)low byte & 0x7F);
       else data[11] = low byte;
       this.outDevice.Send(new SysExMessage(data));
                                                      *Note that because MIDI message contents can't exceed 127 (0x7F),
                                                      8-bit values must be split into two 7-bit values. This code on the left
                                                      does that.
```