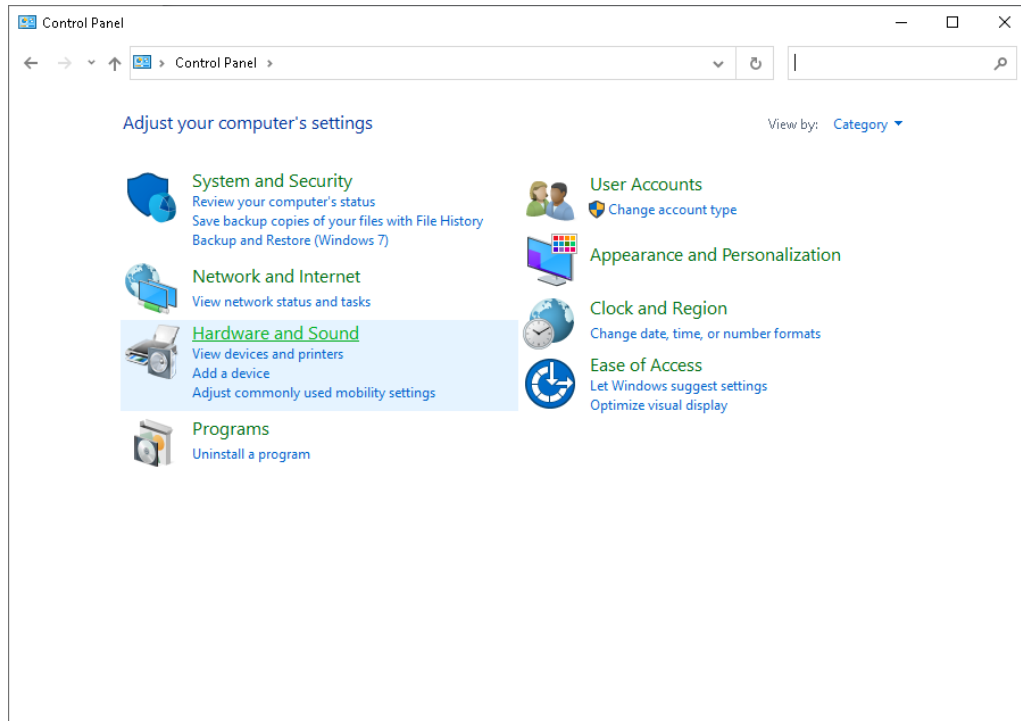
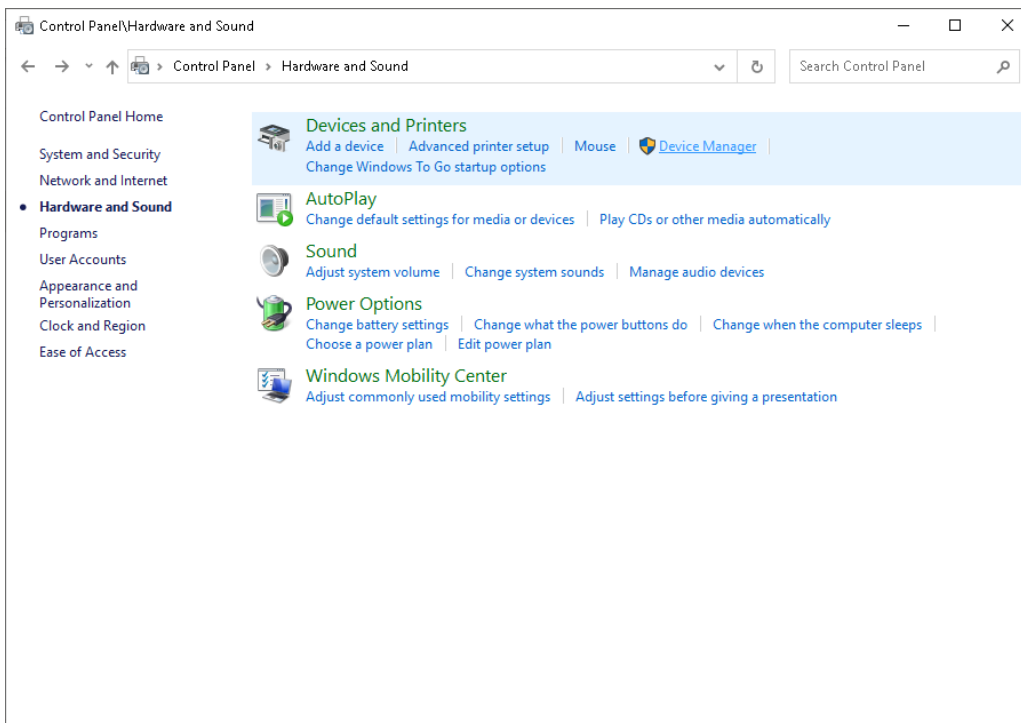


USB Stack Light Serial Communications

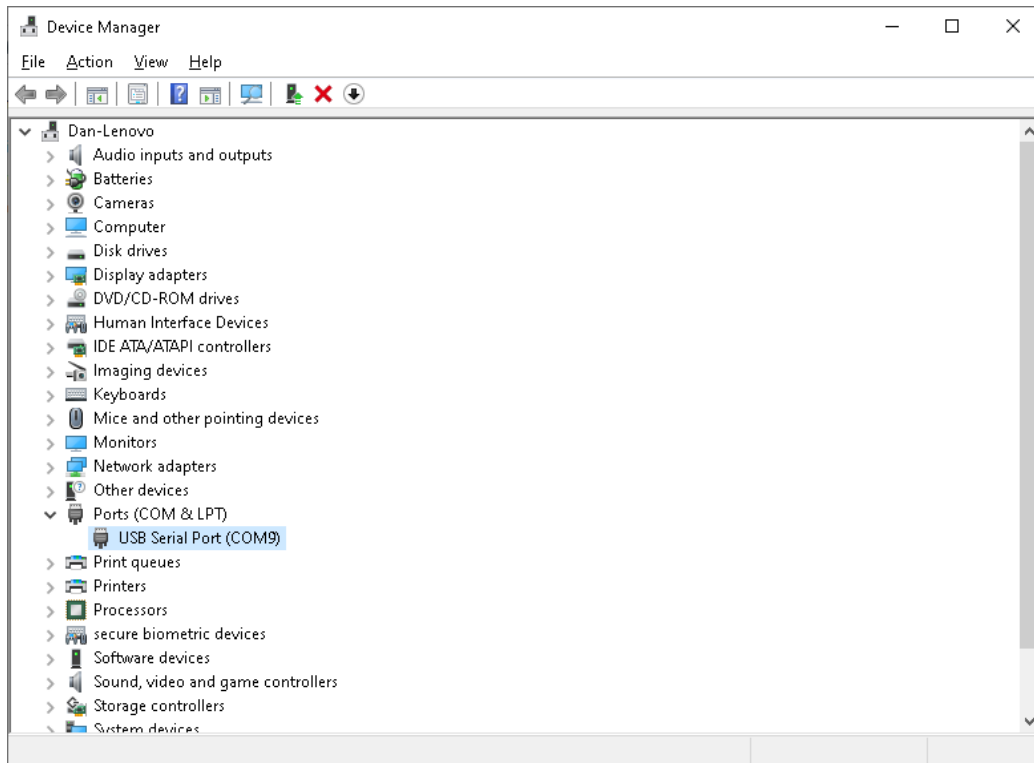
1. Insert the USB cable of the stack light into the USB port of the PC
2. Open to the **Control Panel** and navigate to **Hardware and Sound**



3. Click **Device Manager** under the **Devices and Printers** section



4. Maximize the **Ports** section and find the USB Serial Port name for your device



5. Configure your comm utility as follows

Parameter	Value
Comm port name	The name from step 4 above
Baud rate	9600
Parity	None
Data bits	8
Stop bits	1

Sign Operation

Command Structure

Function	Hex Bytes to Send
Red on	0xA0, 0x01, 0x01, 0xA2
Red off	0xA0, 0x01, 0x00, 0xA1
Green on	0xA0, 0x02, 0x01, 0xA3
Green off	0xA0, 0x02, 0x00, 0xA2
Yellow on	0xA0, 0x03, 0x01, 0xA4
Yellow off	0xA0, 0x03, 0x00, 0xA3
Buzzer on	0xA0, 0x04, 0x01, 0xA5
Buzzer off	0xA0, 0x04, 0x00, 0xA4

Send each byte consecutively, first byte listed first

Singe White Light Operation

Colors	
0x01	Off
0x02	Green
0x03	Blue
0x04	Red
0x05	Blue
0x06	Yellow
0x07	Purple
0x08	White

Buzzer	
0x01	Off
0x02	On

Flasher	
0x01	no flash
0x02	flash at 0.85s interval
0x03	flash at 1.7s interval
0x04	flash at 2.5s interval

Command Structure

<0xFF > + <Color Byte> + <Buzzer Byte> + <Flasher Byte> + <0xAA >

Send each byte consecutively, first byte listed first

5 Light Stack Light Operation

Colors	
0x01	Off
0x02	Red
0x03	Yellow
0x04	Green
0x05	Blue
0x06	White

Buzzer	
0x01	Off
0x02	Buzzer Low
0x03	Buzzer High

Flasher	
0x01	no flash
0x02	flash at 0.85s interval
0x03	flash at 1.7s interval
0x04	flash at 2.5s interval

Command Structure

<0xFF > + <Color Byte> + <Buzzer Byte> + <Flasher Byte> + <0xAA >

Send each byte consecutively, first byte listed first