

OTPG4 FIRMWARE UPDATE – quick procedure

1. Connect device to the USB port



2. Open OTPG4 software

Optogenetics TTL pulse generator

File Edit Help

Pulse manager Pulse Scheduler Notes

Complex Pulses sequence

	Channel 1	Channel 2	Channel 3	Channel 4
Repeat sequence	0	0	0	0
Delay between sequence(ms)	0	0	0	0
Starting delay (ms)	0	0	0	0
Sequence				
Number of pulses per sequence	0	0	0	0
Frequency(Hz)	100	100	100	100
Time ON (ms)	5	5	5	5
Total duration	Inf	Inf	Inf	Inf
Trigger mode	Manual	Manual	Manual	Manual
Actions				
<input type="checkbox"/> Inverted Output <input type="checkbox"/> Inverted Output <input type="checkbox"/> Inverted Output <input type="checkbox"/> Inverted Output				
<input checked="" type="checkbox"/> Enable Channel				
Start All				
Stop All				
Time Elapsed				
Toggle 1 Toggle 2 Toggle 3 Toggle 4				

Show Channel 1

ON

OFF

Time (ms)

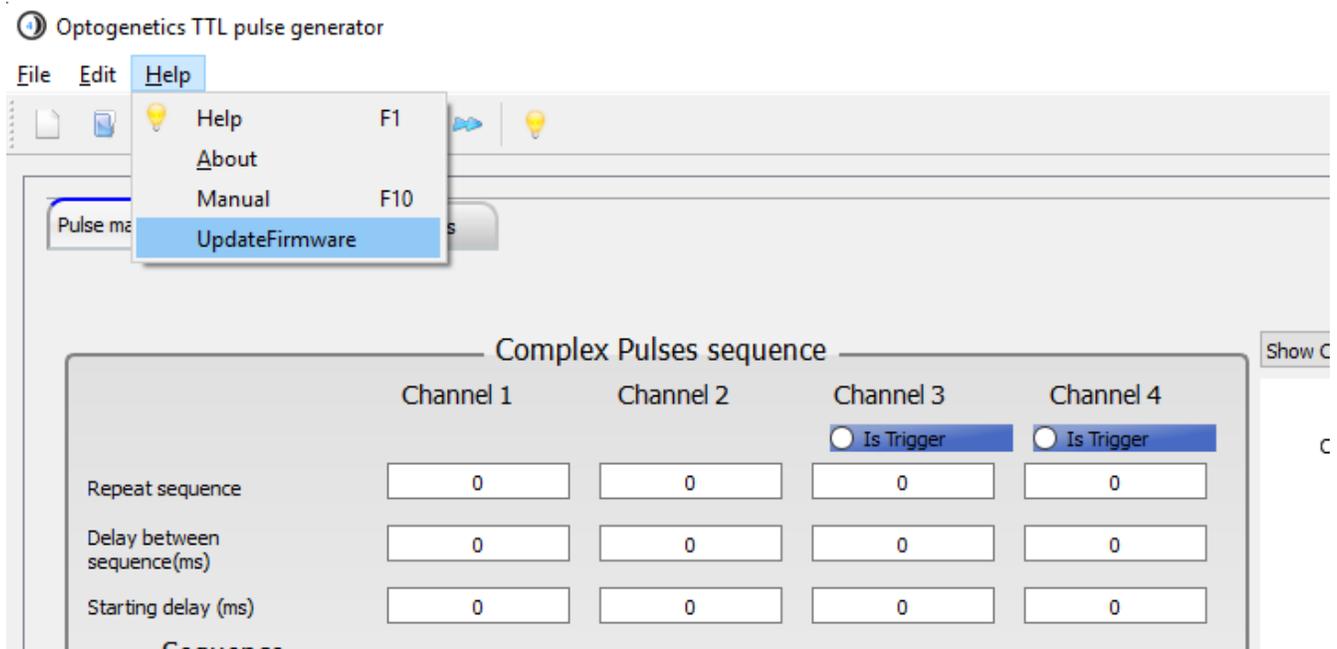
0 15 30 45 60 75 90

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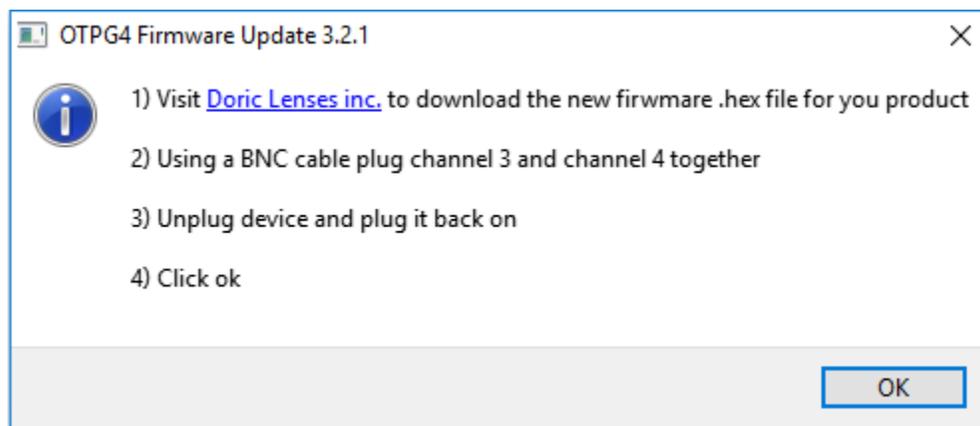
Device Found: OTPG4v2.2

Firmware version is written here.

3. Click on Help – UpdateFirmware



4. Follow the instructions below

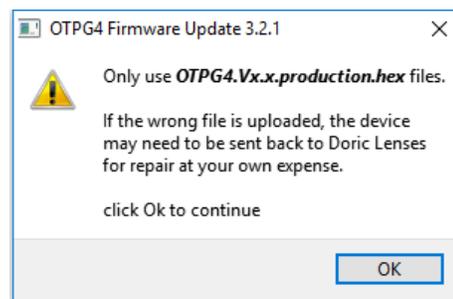


5. Connect channel 3 and channel 4 together with BNC cable.

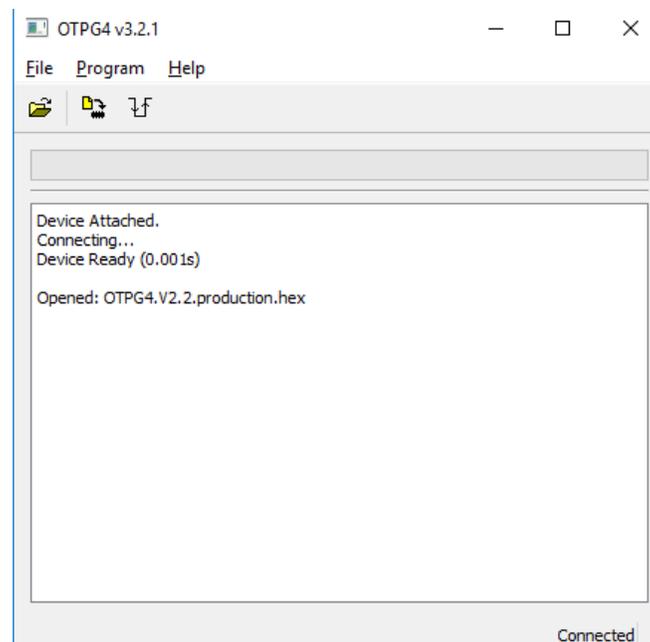


6. Unplug USB cable from device and plug it back

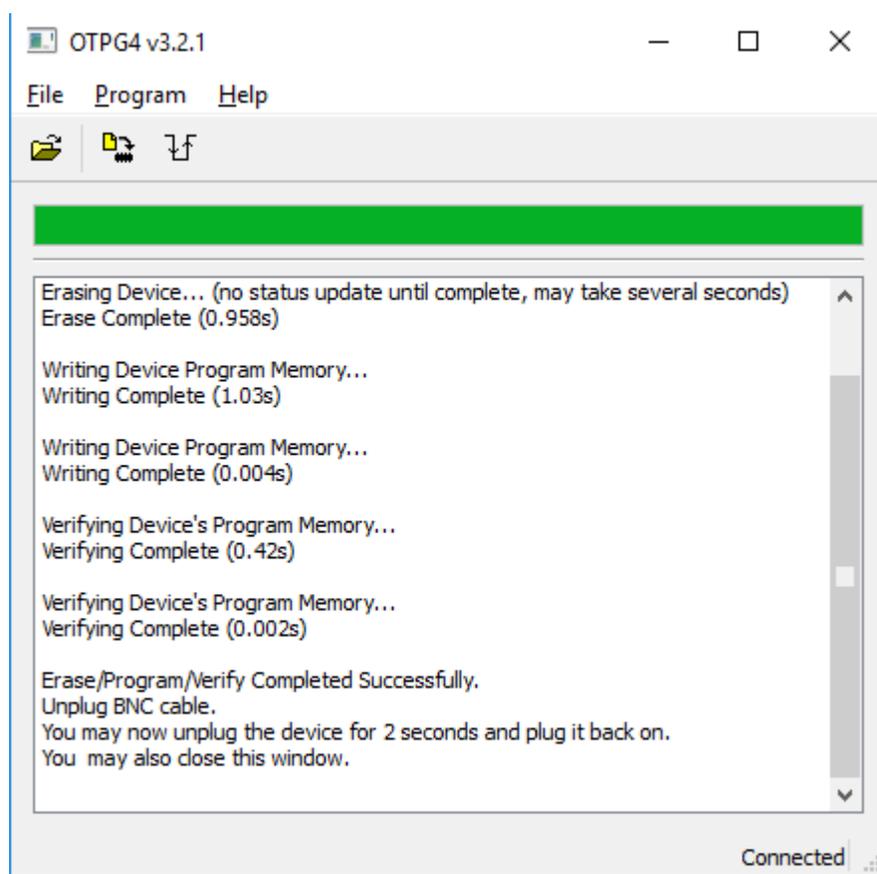
7. Click OK :



8. Click on Import Firmware Image and select the firmware version



9. Click on Erase/Program/Verify Program



10. Unplug the BNC cable between channel 3 and channel 4

11. Unplug the device for two seconds and plug it back on.

Then you should be ready to go!