



Shown are the two+ new dimmers from MaxPulse MaxDim. A Single output on the left, and a dual output on the right. The plastic is .9" square by 1.9" long. The terminals exit on one side and add .3" in one direction. The bushing is 6mm or 11mm long. Knobs are furnished with the units. What is different is the ability to have the units configured to your requirements.

New Firmware along with some component changes/additions, will provide the very minimum output on the low end. Especially important for LEDs being used in night vision applications. A switched +V and a switched GND option is available. These 2 outputs are active whenever there is an output from the dimmer on any channel. They are on individual wires that will exit the rear of the dimmer if this option is selected. This is not a mechanical switch, it is solid state. So no welded contacts or loss of contact due to pitting or switching build-ups.

For instance a dimmer could be specified that had 2 channels of output, one for LEDs and one for incandescent with a single knob and switched +28 and switched GND. Or a concentric dual dimmer with LEDs on one channel and incandescent on the other with no switched +28 or switched GND or with both. These specialty units would be tailored to a specific application and would have to have some quantity of purchase.

The new MicroDim can also be programmed to provide the standard MaxDim Mini software if this is your requirement. This is the model that will be for general aviation.

There are programs that can achieve some level of compromise in dimming both LEDs and incandescent lights with the same PWM waveforms, but it turns out that is exactly what happens—compromise. The LEDs will turn on way ahead of the incandescent lights and/or the LEDs will not be dim enough at the beginning. The **MicroDim** can provide the solution to these problems.

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For more info call 912-489-0094