



*written by the founder of 12VC, Scott Z.*

M2 with trim measures 2.040" tall x 6.055" wide and fits within a single DIN opening (2"x7"). Easy to adapt into a single DIN delete plate. 12VC can perform this milling operation for perfect fitment.



M2 can be fitted with nearly any switches that fit in a 5/8" (16mm) hole. We can install customer requested switches that are not seen on our website.

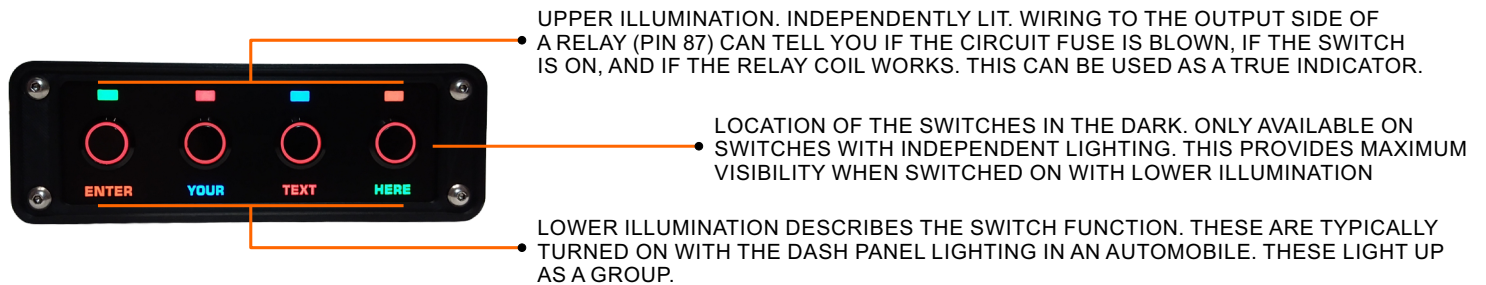
Panel illumination is available in 8 colors. Each switch position can be a different color. Choose existing symbols, or we can design one for you.



The 12VC M2 series builds upon the M1 series to offer upper and lower illumination. The M2 is a compact illuminated switch panel that offers customizable text with high quality lighting, many choices of switches, and a vast selection of indicator symbols. It can be installed as a rear mount or over mount unit. The M2 has a smooth matte black face, vivid and evenly lit text/symbols in your choice of color, and a bezel for over mount trim. The text provides wide angle viewing and is exceptionally legible with illumination on or off. The upper illumination is all independent and can be different colors for each position. The uppers can have two lines of text or symbols. The lower illumination is available in single or two line text or symbols, and each position can be different colors. They are illuminated as a group. We offer 8 panel illumination colors to choose from.

The M2 is a low current switch panel. Most switches that fit in this panel will have a DC rating of less than 5amps. This makes them a great choice for triggering relays. The instrument panel will only need very small wires to control relays. Instrument panels often have many controls and a large numbers of wires. The use of relays can have a great impact on the flexibility and wire bundle size that must be routed to the instrument panel.

Versatility. This is the highlight of the M2 series. When combined with illuminated switches, it offers useful information in a compact package. An example is shown below on an M2 panel.



After we receive an order request, we make a digital rendering with the text, and check inventory on the switches. There are infinite switch combinations. We can mix switches in the same panel, and in each style of switch there may be several functions offered. For the most part, we will order the switches for your specific project. We then provide you with a rendering of the switch panel. You can look this over and make sure you are getting exactly what you want. We will also provide you with an estimated ship date. If this is acceptable to you, then you may go ahead and purchase the item. We will then order the switches, and in the mean time start crafting your switch panel. Since the switches are installed near the end of the process, we can have everything ready to assemble by the time they arrive. After assembly, we will test the completed unit, carefully package it, and ship it to you.

12VC offers many other services as well. Since switch panels go hand in hand with our universal fuse and relay panels, we can also provide them as a pre-wired package where you only need to provide power to the fuse panel. Some other services are listed below.

- soldering and crimping of wire leads in any length
- CNC milling of mounting plates from wood, plastic, and aluminum
- fabrication of switch panel enclosures and mounting brackets