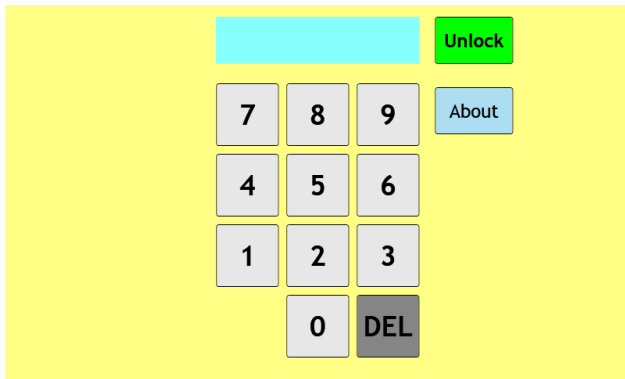


SMART TOUCH & HORIZON OUTPUT FAULT FIX

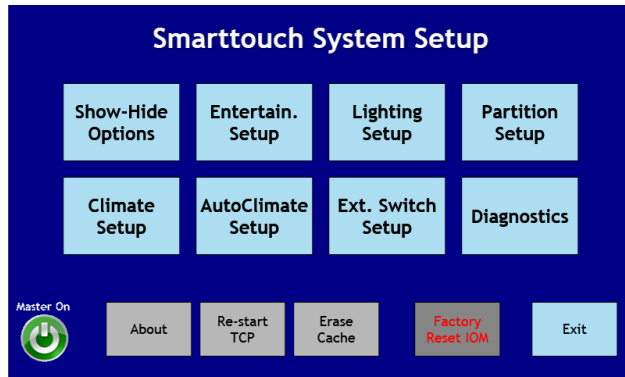


The IOM uses Smart FET technology instead of old fashion relay blocks and fuses. Every output channel is protected from Overloads and short circuits by the Smart FETs. Any channel that draws more than the allowed amount of current will automatically trip a fault for that channel. Any button that controls the faulted output will turn dark gray, and will be disabled until the fault is cleared. Clearing the fault is equivalent to replacing a blown fuse in a non-smart system. This means that no fuses are required, and they never have to be replaced.

To enter Setup Mode, press and hold the top left corner on any screen. A keypad will appear on the screen to allow you to unlock the System Setup

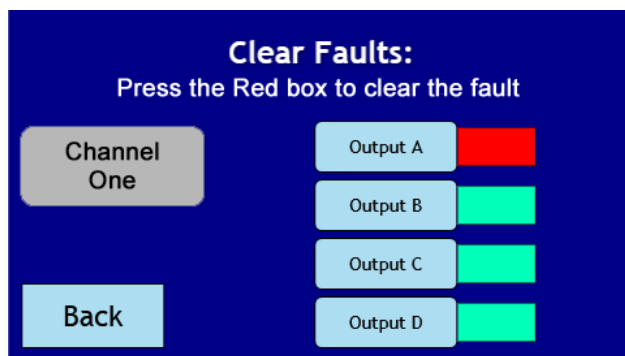
Enter the setup code '8191' and then press 'Unlock' to unlock the screen and enter the setup.

Press DIAGNOSTICS. This will take you to the faults menu.



From this menu, you can clear system faults. Any channel that is red has a fault. Pressing the red box will show you which output is faulted.

Examine everything attached to the associated output, clearing any short circuits or damaged components.



Next, press the red box next to the faulted output to clear the fault and re-enable the channel. The box should turn either a turquoise or gray color.

Press BACK and see if the red box is now gray. If it is gray, press EXIT.

At the bottom of the System Setup screen, press ERASE CACHE. This will clear the cached memory only. Settings will not be affected.

After the cache has been erased, the system will need to re-build each screen. The screen re-build is noticeably slower than normal operation, but the next time that screen is shown, it will redraw very quickly.