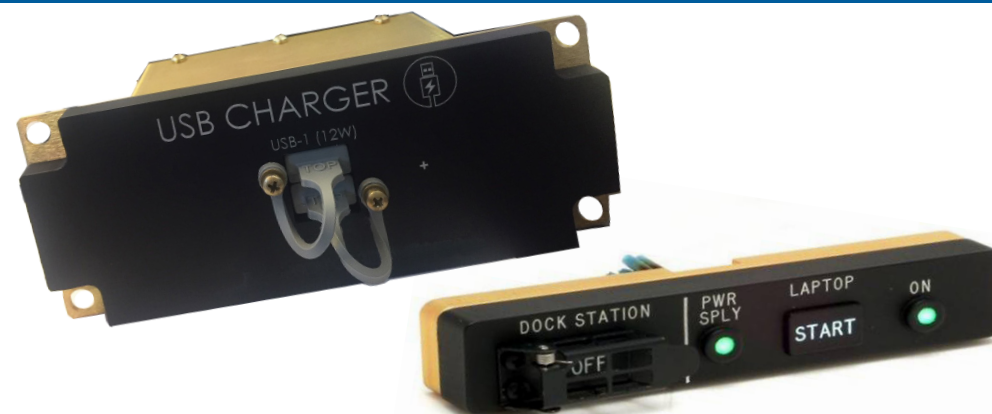
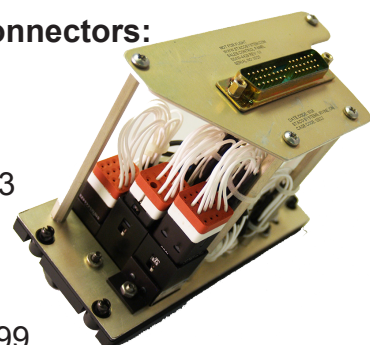




CUSTOM CONTROL PANEL ASSEMBLIES

- **Enclosure types:**
 - ▶ Open (shown above)
 - ▶ Closed:
 - ▶ Bent sheet metal
 - ▶ Machined aluminum: sealed (IP67), added structural strength
- **Interface & Connectors:**
 - ▶ RS232
 - ▶ RS422
 - ▶ ARINC 429
 - ▶ MIL-STD-1533
 - ▶ Ethernet
 - ▶ RJ45
 - ▶ Circular
 - ▶ MIL-DTL-38999
 - ▶ MIL-DTL-24308 DSUB
- **Mounting:**
 - ▶ Console mount
 - ▶ Rail / rack mount
 - ▶ Waterproof mount
- **Custom Harnessing & Cabling:**
 - ▶ Incl. IPC + J-STD certified soldering
- **Unlimited applications including:**
 - ▶ Simulation, Training
 - ▶ Avionics, Marine, Ground Vehicles
 - ▶ Commercial, Military



Prototype to Production with No Minimum

Staco Systems has the **in-house design and engineering capabilities** to integrate all the components that your sub-assembly requires, allowing you to focus on your core competencies and keep your production on time and on budget.

Below are the component options to consider at the initial stage of your project. Whether it's a custom design or a build-to-print, we can assist you.

One-stop supplier for any sub-assemblies

COMPONENT OPTIONS CHECKLIST:

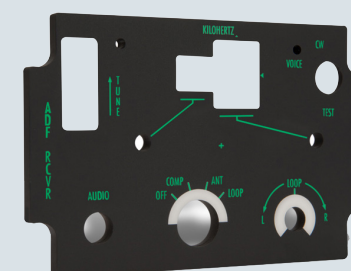
SWITCHES

- **Pushbutton:**
 - ▶ Switch action: alternate, momentary or indicator
 - ▶ Circuitry: single pole, double pole, four pole
 - ▶ Voltage: 5V, 28V
 - ▶ Bus config.: horizontal, vertical, top, bottom, right, left
 - ▶ Ground: common lamp ground, split lamp ground
 - ▶ Lamp type: incandescent, LED, high-bright multichip
 - ▶ Termination: PCB, crimp pin, solder
 - ▶ Sealing: solvent resistant, watertight, standard
 - ▶ Display: horizontal/vertical split, full screen, 2/3/4-way
 - ▶ Legend: illuminated, non-illuminated, color
 - ▶ Character size: .072" to .145"
 - ▶ Switch size and depth
 - ▶ Switch guards: transparent, metal, custom
- **Rotary:**
 - ▶ Single deck, multideck, keylock
 - ▶ Rotary encoder
 - ▶ Hand grip rotary
- **Toggle:**
 - ▶ Lever lock
 - ▶ Standard
- **Others:**
 - ▶ Dome switch
 - ▶ Rocker switch
 - ▶ Marine grade
 - ▶ Tachometer
 - ▶ Potentiometer
 - ▶ Emergency stop switch
 - ▶ Relay
 - ▶ Key switch
 - ▶ Thumbwheel



LIGHT PLATES

- **Surface Type:**
 - ▶ Traditional painted acrylic
 - ▶ Patented wear-resistant polymer
- **Assembly Type:**
 - ▶ Type V - Incandescent
 - ▶ Type VII - NVIS
 - ▶ Other MIL-STD-7788
- **Sun light readable:**
 - ▶ Background gloss
 - ▶ Hidden legends
 - ▶ Contrasting legends
 - ▶ Hidden indicator lights
- **Colors and Lighting:**
 - ▶ Panel color FED-STD-595, BAC, grey, black, other
 - ▶ Text color unlit FED-STD-595
 - ▶ Text lit color, white, blue white red, green other NVIS
 - ▶ Lighting: NVIS compliant, LED or incandescent
- **Others:**
 - ▶ Thickness: follows 7788 requirements
 - ▶ Termination: connector, flying leads, bi pin
 - ▶ Mounting style, front removable
 - ▶ Fonts: customizable, unlimited
 - ▶ Unlimited languages, graphics
 - ▶ Sealed: water resistant



DATA ENTRY

Custom keypads & keyboards with multiple languages

- **Mounting Type:**
 - ▶ Panel mount
 - ▶ Drawer mount
 - ▶ Desktop keyboard
- **Backlighting options:**
 - ▶ Standard LED
 - ▶ NVIS
 - ▶ Dimming: 5-level, custom
- **Interface:**
 - ▶ USB 2.0 / 3.0
 - ▶ PS/2
 - ▶ Serial RS232 / RS422 / RS485
- **Environmental requirements:**
 - ▶ EMI/RFI
 - ▶ Rugged / standard
 - ▶ IP65 / IP66 / IP67 / NEMA 4
- **Key requirements:**
 - ▶ Material: Plastic, rubber, silicone, metal, custom
 - ▶ Custom layout, keycap, print legends, tactile feel
- **Pointing device requirements:**
 - ▶ Touch pad with / without glove touchable
 - ▶ HulaPoint
 - ▶ Trackball
 - ▶ Separate pointing device

