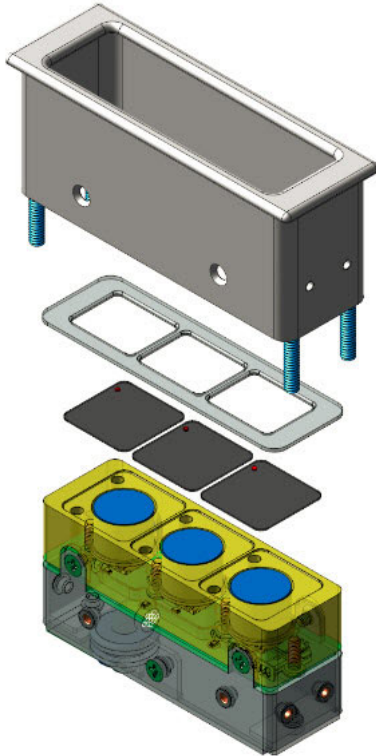


Cabin Management & IFE Control Cadence Switch System

It's not your typical CMS – It's CSS!

ALTO Aviation has expanded its keypad product offerings to include a series of customizable switches, the ALTO Cadence Switch System, or CSS. This switch series allows customizable panel construction and functionality through discrete logic and no software.

The foundation for this new series is the modular, discrete switch assembly. These modules come in sizes from 1-6 positions, pre-defined headphone modules and other accessory modules including USB charging, HDMI ports, Bluetooth interface and ordinance signage. These modules have pre-defined harness configurations and universal overlay options. Dual and quad LED status placement allows for vertical and horizontal orientations within the same assembly. A final configured switch panel may consist of several different modules placed together in the same bezel to meet the functional requirement of that location.



Modular Switch Assemblies (Cutaway View)

Since the overlay is defined independently of the switch module, the switch can be designed for a variety of applications. The trim plate conceals the transitions between the overlays and defines the final switch orientation as horizontal or vertical.

Lastly, a cover bezel accepts the switch module with overlays and the trim plate and is secured together. The cover bezel allows different style profiles to be accommodated. One of the features of the CSS is fit compatibility with former CMS/IFE switch vendor offerings. By defining a cover bezel that fits an existing cutout, ALTO may be able to provide a CMS/IFE upgrade solution without changing the woodwork. Ask about our replacement options for Audio International, Baker, and the Pacific Systems/Airshow MicroNet series. The bezel and trim plate can be plated to specification.



The CSS also consists of controllers that provide load control and temperature control. The 8 Channel relay controller is a configurable unit that interfaces with the switches. This controller approach allows a user to easily configure a system to meet any requirement. A temperature controller allows for passenger control in the cabin. A universal 3 CH In-Line Controller allows local load control with existing harnesses or as a stand-alone controller, if desired.



Here are some examples of projects recently completed with the ALTO Cadence Switch System.



If you are looking for new or fit compatible switch panels to replace your obsolete system or just looking for a lower cost CMS/IFE alternative, please give us a call. Future proof your new CMS investment with ALTO. We'll be more than happy to assist you with your requirements.

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