



ALTO[®]
A V I A T I O N

Pre-Configured Cadence™ Switch Series

November 2020
Revision IR

Introduction

ALTO is proud to offer our Pre-Configured Cadence™ Switch Series, CSS.

As the name implies, ALTO has predefined a set of switch panels that have been pre-engineered and ready for quick shipment. Since the engineering has already been completed, we are able to respond as quickly as production is able to meet demand.

The aviation industry is looking for custom solutions with short lead times. We believe we have the fastest response in the industry. We can supply a new switch panel within 2 weeks or sooner of ordering.



Our current inventory of over 34 different panels allows a variety of functions to be defined for your project. The list expands as new projects are introduced. This document illustrates the available panels at the time of this release.

The series is well suited for cabin management system and inflight entertainment upgrades that are fast and easy.

We offer stocked clear or black anodized parts for quick shipment often 2 weeks or less. Custom plating is available and can be supported within 2 weeks of receipt of plated parts.

CSS Switch Panels (D Bezels)

We offer a variety of CMS/IFE functionality in a pre-defined “D” styled bezel. This bezel will support mounting studs or spring clips.

We offer a variety of functions to support your cabin upgrade. We offer HDMI/USB ports. We provide Bluetooth support with pairing and hardwired auxiliary inputs. We can support new HD Monitor upgrades with built in High Definition selection and video control. We also offer headphone and entertainment options for enhancing your current entertainment offerings.

Baker DECU Replacement Series (K Bezels)




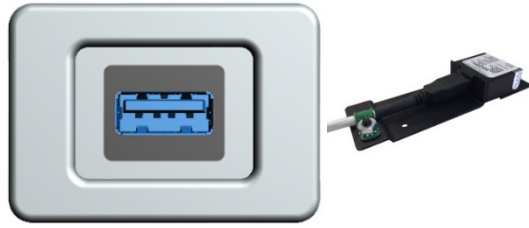

We offer a direct fit replacement option for the former Baker DECU panel. Using a front mount method, this switch will fit into the same cutout. Various options are available including Bluetooth headphones, added USB functionality and Read/Table options.

Source Equipment Trim Plate Series (T Bezels)

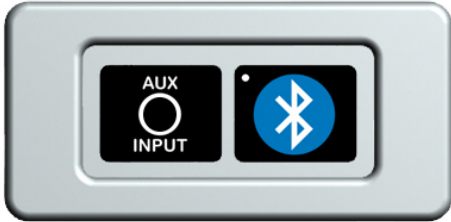

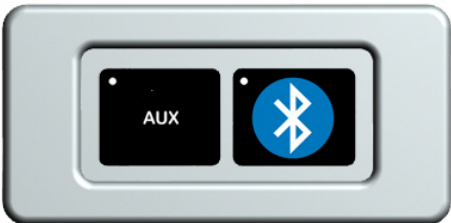

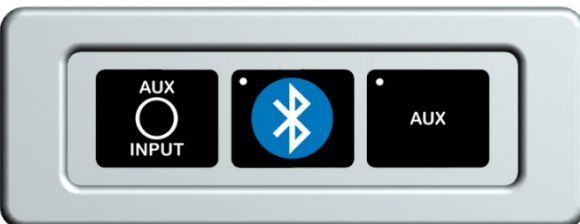
We offer a fit friendly compatible solution to replace single DIN source equipment with a Bluetooth option. By maintaining the same cutout, cabinet modifications are minimized but increased functionality with a Bluetooth input is achieved.


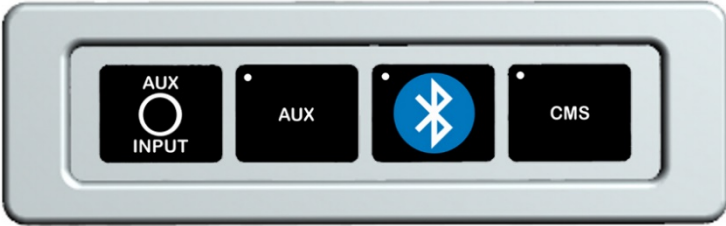
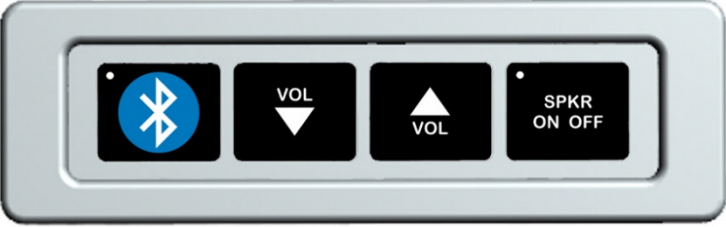


We continue to update our offerings so if you have a requirement that would like for us to support just let us know. We will be happy to look at your specification to see how we can help.






Thank you for considering our Pre-Configured Series.





Part Number	Panel Illustration	
<p>CSS-ALTO-D1101 HDMI with DVI-D Connector</p>		
<p>CSS-ALTO-D1102 HDMI with Extension Harness</p>		
<p>CSS-ALTO-D1103 USB Port with Data Harness</p>		
<p>CSS-ALTO-D1104 USB-A Port with Tethered Supply</p>		
<p>CSS-ALTO-D1105 Video Select Switch Panel</p>		






<p>CSS-ALTO-D1106 HD Select Switch Panel</p>	 <p>A square, light gray button with a black square in the center. The black square contains the text "HD SELECT" in white, with a small white dot above the "H".</p>	
<p>CSS-ALTO-D1107 BT Pairing Switch Panel</p>	 <p>A square, light gray button with a black square in the center. The black square contains a white Bluetooth symbol.</p>	
<p>CSS-ALTO-D1108 3.5mm Aux Input Jack Panel</p>	 <p>A square, light gray button with a black square in the center. The black square contains the text "AUX INPUT" in white, with a white circle between the words.</p>	
<p>CSS-ALTO-D1109 Flush Switch Panel</p>	 <p>A square, light gray button with a black square in the center. The black square contains a white icon of a toilet.</p>	
<p>CSS-ALTO-D1201 3.5mm Aux Input/Aux Select Switch Panel</p>	 <p>A rectangular, light gray button with two black square sections. The left section contains the text "AUX INPUT" in white, with a white circle between the words. The right section contains the text "AUX" in white, with a small white dot above the "A".</p>	


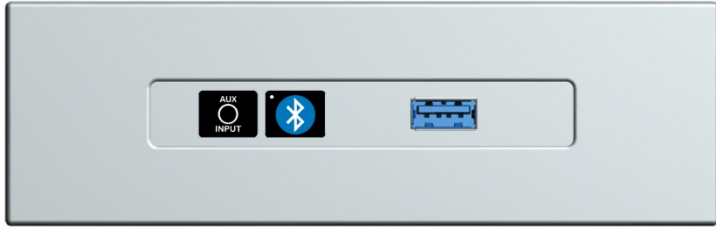
<p>CSS-ALTO-D1202 3.5mm Aux Input/BT Pairing Switch Panel</p>	 <p>A rectangular grey switch panel with two black buttons. The left button features a white circle with a vertical line through it, labeled 'AUX INPUT'. The right button features a blue Bluetooth symbol, labeled with a small white dot above it.</p>	
<p>CSS-ALTO-D1203 Audio Select/BT Pairing Switch Panel</p>	 <p>A rectangular grey switch panel with two black buttons. The left button is labeled 'AUDIO SELECT'. The right button features a blue Bluetooth symbol, labeled with a small white dot above it.</p>	
<p>CSS-ALTO-D1204 AUX Select/BT Pairing Switch Panel</p>	 <p>A rectangular grey switch panel with two black buttons. The left button is labeled 'AUX'. The right button features a blue Bluetooth symbol, labeled with a small white dot above it.</p>	
<p>CSS-ALTO-D1301 HDMI/USB- Tethered Port Panel</p>	 <p>A rectangular grey panel with two ports. On the left is an HDMI port, and on the right is a blue USB Type-A port.</p>	
<p>CSS-ALTO-D1302 3.5mm Aux/BT Pair/Aux Switch Panel</p>	 <p>A rectangular grey switch panel with three black buttons. The left button features a white circle with a vertical line through it, labeled 'AUX INPUT'. The middle button features a blue Bluetooth symbol, labeled with a small white dot above it. The right button is labeled 'AUX'.</p>	

<p>CSS-ALTO-D1303 Audio Select/USB-A charging</p>		
<p>CSS-ALTO-D1401 3.5mm/ Aux/BT/CMS Switch Panel</p>		
<p>CSS-ALTO-D1402 BT/Volume/Spkr Switch Panel</p>		
<p>CSS-ALTO-D1403 Spkr/Volume/Select Switch Panel</p>		
<p>CSS-ALTO-D1404 LH Hdph Switch Panel</p>		

<p>CSS-ALTO-D1405 RH Hdph Switch Panel</p>	 <p>A rectangular light gray panel with four black buttons. From left to right: 'AUDIO SELECT', a button with 'VOL' and a downward arrow, a button with 'VOL' and an upward arrow, and a button with a white headphones icon.</p>	
<p>CSS-ALTO-D1501 HDMI/USB- Tethered/Aux Input Panel</p>	 <p>A rectangular light gray panel with three ports. From left to right: an HDMI port, a blue USB port, and a black button with a white circle icon and the text 'AUX INPUT'.</p>	
<p>CSS-ALTO-D1502 HDMI/USB- Tethered/HD Select Switch Panel</p>	 <p>A rectangular light gray panel with three ports. From left to right: an HDMI port, a blue USB port, and a black button with a white dot icon and the text 'HD SELECT'.</p>	
<p>CSS-ALTO-D1503 HDMI Port/HDMI Select/BT/CMS Switch Panel</p>	 <p>A rectangular light gray panel with four buttons. From left to right: an HDMI port, a black button with 'HDMI PORT' and a white dot icon, a blue Bluetooth icon button, and a black button with 'CMS' and a white dot icon.</p>	
<p>CSS-ALTO-D1504 Ent Control with Aux Input Switch Panel</p>	 <p>A rectangular light gray panel with five buttons. From left to right: a black button with 'SPKR ON OFF' and a white dot icon, 'AUDIO SELECT', 'VOL' with a downward arrow, 'VOL' with an upward arrow, and 'AUX INPUT' with a white circle icon.</p>	

<p>CSS-ALTO-D1505 Ent control with Headphone Switch Panel</p>	 <p>A horizontal control panel with five buttons: 'SPKR ON OFF', 'AUDIO SELECT', 'VOL' with a downward arrow, 'VOL' with an upward arrow, and a headphone icon.</p>	
<p>CSS-ALTO-D1601 Mon Pwr/Video+Ent Control Switch Panel</p>	 <p>A horizontal control panel with six buttons: 'MON POWER', 'VIDEO SELECT', 'SPKR ON OFF', 'AUDIO SELECT', 'VOL' with a downward arrow, and 'VOL' with an upward arrow.</p>	
<p>CSS-ALTO-D1801 Mon Pwr/Video+Ent Control+Aux Switch Panel</p>	 <p>A horizontal control panel with seven buttons: 'MON POWER', 'VIDEO SELECT', 'SPKR ON OFF', 'AUDIO SELECT', 'VOL' with a downward arrow, 'VOL' with an upward arrow, and 'AUX INPUT' with a circular arrow icon.</p>	
<p>CSS-ALTO-D2201 HDMI/USB- Tethered 2x2 Port Panel</p>	 <p>A square panel with two ports: a blue USB Type-A port on top and an HDMI Type-A port on the bottom.</p>	

<p>CSS-ALTO-K1401 DECU USB Replacement Panel</p>		
<p>CSS-ALTO-K1402 DECU BT/Select Switch Replacement Panel</p>		
<p>CSS-ALTO-K1403 DECU BT Pairing/Audio Select/USB Replacement Panel</p>		
<p>CSS-ALTO-K1404 DECU Table/Read Replacement Panel</p>		
<p>CSS-ALTO-K1405 DECU Read/Table Replacement Panel</p>		

<p>CSS-ALTO-T1601 Aux Input/BT Pairing Source Equipment Trim Plate</p>	 <p>The image shows a light gray rectangular trim plate with a recessed horizontal slot in the center. Inside the slot, there are two circular icons: a black one with a white 'O' and the text 'AUX INPUT' below it, and a blue one with a white Bluetooth symbol below it.</p>	
<p>CSS-ALTO-T1602 Aux Input/BT Pairing/USB Source Equipment Trim Plate</p>	 <p>The image shows a light gray rectangular trim plate with a recessed horizontal slot in the center. Inside the slot, there are three icons: a black one with a white 'O' and the text 'AUX INPUT' below it, a blue one with a white Bluetooth symbol below it, and a blue USB Type-A connector icon to the right.</p>	

ALTO Pre-Configured Series Dimensions				
Bezel	Top Height (in)	Top Width (in)	Bottom Height (in)	Bottom Width (in)
202582-D1101-R1	1.133	1.614	0.883	1.364
202582-D1201-R1	1.133	2.307	0.883	2.057
202582-D1301-R1	1.133	3.000	0.883	2.750
202582-D1401-R1	1.133	3.693	0.883	3.443
202582-D1501-R1	1.133	4.386	0.883	4.136
202582-D1601-R1	1.133	5.079	0.883	4.829
202582-D1801-R1	1.133	6.465	0.883	6.215
202582-D2201-R1	2.104	2.100	1.850	1.854
202585-K1401	1.130	4.063	0.860	3.176
202585-K1402	1.130	4.063	0.860	3.176
202587-T1601-R1	2.340	7.420	2.090	7.170