

Venue™ High Definition Retrofit Cabin Management System



Venue™, the industry's leading high definition cabin management system

When the time comes to consider a new cabin or a cabin upgrade, you want your investment to reward you with exceptional comfort, efficiency and enjoyment. Step up to Venue, the proven and award-winning cabin management system. Bring business productivity, entertainment, connectivity and, ultimately, your aircraft's value into high definition.

Pristine video and audio quality, individual command from each cabin seat. Wireless and wired options. Elegant, intuitive controls.

All this and more in a solution that is scalable to the individual needs of your aircraft and backed by our total commitment to your satisfaction. No matter what size your aircraft, there's a Venue for you.

Venue's hardware is exceptionally compact because we've combined more functions into fewer boxes and used small, lightweight cables to distribute the system's high-definition video and data signals.

The result: Your cabin can be fully loaded with today's most desirable digital media, including content protected by Hollywood Digital Rights Management (DRM), and provisioned to support emerging technologies without an overload of infrastructure.

Highlights include:

- ▶ Proven high definition system with exceptional reliability
- ▶ Touch-screen displays and programmable switch panels to control cabin features and entertainment content

- ▶ Audio and Video On-Demand (AVOD) to allow content to be loaded and viewed individually or simultaneously on multiple displays or wirelessly on your personal Digital Living Network Alliance (DLNA) tablet
- ▶ Interactive Airshow® moving map in each in-seat display with the ability to enjoy your own Airshow app on your iPad® or Android Tablet
- ▶ Seamless integration to Skybox™ and key third party solutions

Rockwell Collins is proud to offer additional value to your purchase through a limited time offer of **CASP** (Corporate Aircraft Service Program) discounts for both new and existing enrollments. CASP is a premier maintenance and cost management program, which assures maximum aircraft dispatchability, minimum downtime, and reduced life cycle costs.

MAKE YOUR AIRCRAFT EXTRAORDINARY

The value that Venue brings to your cabin comes from its distinctive mix of capability, content, aesthetic appeal, flexibility and reliability. Because Rockwell Collins integrates all the elements that make up this mix, you can count on a system that seamlessly blends the beauty and forward-thinking functionality that can make your cabin, therefore your aircraft, extraordinary.

TRUE DIGITAL, HIGH DEFINITION VIDEO DISTRIBUTION SYSTEM

Our real-time uncompressed digital, HD distribution offers true quality high definition. This advanced architecture supports video resolution up to 1080p, and is fully compatible with high definition standards, such as industry standard HD digital cabling and Blu-ray® disc. The system is High Definition Copy Protection (HDCP) compliant, to ensure true HD display of any high definition source. Venue also supports traditional analog video equipment.

HIGH DEFINITION DISPLAYS

You can outfit your cabin with displays in a wide range of sizes. Our monitors feature advanced, high definition widescreen formats and provide swing-away convenience at each seat.

- **Personal In-Seat and Galley Touchscreen** – The high definition, wide screen, 10.6” smart touchscreen display is available for use in the galley or as a personal plug-in monitor. These “smart” displays support streaming audio and video on-demand (AVOD) content and the Airshow® interactive moving map. The galley touchscreen provide additional controls for flight attendants to manage the cabin’s entertainment system, environmental controls and passenger service.
- **Bulkhead** – The high definition, wide screen displays are available in 10.6”, 15.3”, 19”, 22” and 24”. Choices of smart monitors are available in the 19”, 22” and 24” and have the capability to broadcast AVOD content and Airshow interactive maps.
 - Rosen monitors are integrated with Venue, providing you even more options. With the new Smart Remote Electronic Box you can make any of these monitors have the smart feature of Rockwell Collins smart monitors.

WIRELESS CABIN REMOTE¹⁰

Rockwell Collins is a licensed Apple® provider, allowing us to provide you applications for use on your iOS devices.

- **Cabin Remote App for Personal Device** – Transform your iPad®, iPad® mini, iPod touch, iPhone, Android phone or Android tablet into a wireless two-way remote to control the cabin’s entertainment system and environmental controls. New capabilities include the ability to set zone or seat specific controls.

DUAL BLU-RAY PLAYER

Play your favorite content using a single unit dual Blu-ray player. This unit outputs HDMI, HDS DI and composite video and supports Blu-ray disc, standard DVD, CD and MP3.

SKYBOX™

Skybox is seamlessly integrated with Venue, enabling every touch screen to become a Skybox controller. Enjoy your digitally protected Apple content on any Venue display or stream it to your iOS devices. For more information on Skybox, please see Marketing Bulletin CSBRS-130046.4M.

AUXILIARY A/V INPUTS

Choices of auxiliary a/v inputs such as HDMI, RCA and USB interfaces are available to provide you the flexibility to tailor your cabin management system. Smoothly integrate into your cabin today’s most popular consumer devices such as the iPad, iPods, Playstation®, Xbox®, as well as your laptop and other USB compatible devices. Audio on demand is available using the USB jack panel.

CABIN CONTROLS AND SWITCHES

Give your passengers individual command over their Venue experience with a choice of control types. Venue's control elements are software customizable to accommodate different cabin management system configurations and user needs. They include:

- **Personal Touchscreen (TC6000)** – This control gives passengers command of their cabin surroundings through an elegant, easy-to-use interface. The icon-based, touch-screen control enables smooth interaction with the entertainment, passenger service, lighting, temperature control and other features of the aircraft cabin. The panel supports a user interface with swipe capabilities and can dynamically support VIP and standard configurations.
- **Programmable Switch Panels (PSW)** – This control has the quick response D-pad function with a menu that is text based. It provide the same functionality as the Personal Touchscreen control.
- **Mini-Switches and Legacy Actuator Type Switches** – Venue will support mini-switches and legacy switches allowing for additional options for individual seat control.

APPS BY ROCKWELL COLLINS

Embedded apps are available to provide additional features to your cabin without the requirement of additional hardware installation.

- **Audio-Video on Demand (AVOD)** – Bring your non DRM content and stream video to a Rockwell Collins bulkhead display or in-seat touchscreen monitor. Multiple passengers can view the same video or listen to the same song at different times.
- **Audio on Demand (AOD)** – Passengers can connect a USB drive with MP3 or WAV files and listen to the music on the cabin speakers or on their own personal headphone.
- **Airshow Interactive** – Every passenger can watch and interact with their own personal Airshow map on their in-seat display. This application is integrated into Rockwell Collins' smart display, eliminating the need to install an additional Airshow hardware.
- **Airshow application** – With an installed Airshow moving map and a wireless access point on the aircraft, every iPad and Android tablet can display a unique and customizable view of the Airshow moving map.

THIRD PARTY

Venue is compatible and completely integrated with key third party solutions such as:

- EMTEQ's complete line of lighting controllers
- Rosen Aviation monitors
- Aircraft Cabin Systems monitors
- Alto Aviation Sound system

INSTALLATION BENEFITS

- **Streamlined installation** – The system is designed for simpler installation with fewer wires, lower LRU count, and reduced overall system weight.
- **High system availability** – A reliable Ethernet backbone offers redundant control processing including various system configuration options to ensure the system is ready when needed.
- **Simplified configuration** – Venue offers a database driven software architecture and comprehensive set of configuration tools, which aligns to the aircraft as well as your needs.
- **Growth capability** – Venue equips your aircraft with a cabin management system to meet the demands of most modern in-flight entertainment, communication and connectivity options.
- **Centralized system diagnostics** – The built-in system diagnostic feature performs systems checks and is also available through real-time system status at the Galley Touchscreen monitor. Additional system detailed diagnostics can be accessed through a PC tool.

TRADE-IN CREDIT (Please refer to the Equipment Trade In Pricing table for details on page 4)

A trade-in credit can be applied if the hardware purchased is part of a full Venue system.

The credit will be applied upon trading in a Rockwell Collins' or competitor's complete cabin management system. The cabin management system should include the audio/video distributor, control and monitor. There is no limit on the maximum number of trade-in units.

The removed hardware must be returned to the Rockwell Collins Wichita Service Center, 2051 Airport Road, Wichita, Kansas 67209, phone number 316-677-4808. Trade-in credit is valid for the purchase of new units only. Dealer acceptance of special pricing in this bulletin obligates the dealer to pass the applicable equipment trade-in amount in full to the aircraft end operator.

CASP (CORPORATE AIRCRAFT SERVICE PROGRAM)
SPECIAL INCENTIVES

Rockwell Collins is offering a CASP discount program when you take advantage of this Special Pricing Bulletin offer for remaining Rockwell Collins equipment in your aircraft.

For aircraft not currently enrolled in CASP, enroll within 30 days of placing an order for this upgrade and receive a 10% discount on the current CASP prices.

Aircraft enrolled in CASP at the time of order placement will receive a 5% discount on their CASP renewal (in addition to the standard 10%

renewal discount).Key benefits of CASP include:

- > Exchange, rental and repair
- > Reliability upgrades
- > Removal and refit labor reimbursement
- > RVSM annual certification
- > FMC/MDC battery replacement
- > No charge for unused exchange returns
- > Up to five no fault finds without penalty
- > Global priority parts support

For CASP details and existing discounts that may be applicable to your aircraft, contact a CASP representative at 1.319.295.4361 or casp@rockwellcollins.com. You may also visit [CASP on Rockwell Collins.com](http://CASP.on.RockwellCollins.com). Discounts listed in this bulletin may be combined with all other standard CASP discounts.

TERMS AND CONDITION

Unless otherwise noted, programs are valid for orders placed between January 1, 2015 and December 31, 2015, with delivery requested by April 1, 2016.

Warranty period for the equipment in this program is three years. Standard warranty does not apply to software.

EQUIPMENT TRADE IN INFORMATION

Part Number	Type Number
High Definition Distributors	
441-0102-100	HDAV-6000 High Def. A/V Distributor
441-0186-100	HDAV-6002 High Def. A/V Distributor
High Definition In-Seat Monitor (HTSE)	
441-0165-102	High Definition Touchscreen Equipment with extended arm
441-0165-101	HD Touchscreen Equipment with standard arm



Galley HTSE



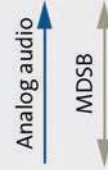
Cabin and passenger controls



PSW



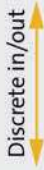
Legacy switch panels



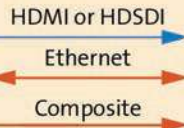
Two-way remote



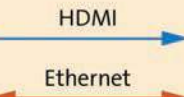
MSWs



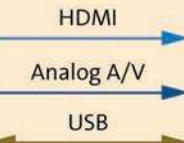
Dual Blu-ray Disc™ player



Skybox™

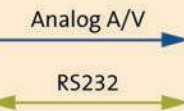


PED or AUX input jack

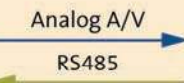


iPod®

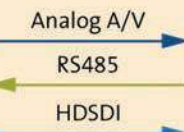
Not applicable for devices with Lightning connector



Tailwind® TV



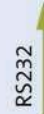
Cameras



Sources and inputs



HDAV



Environmental controller



Analog audio/video distributor



RF/IR interpreter or RS232/485 expansion

Controllers/distributors



Wireless access point

Wireless and two-way remote



Cabin lighting and temperature control



Seat lighting and window shade controls

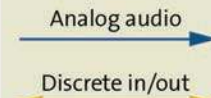


Lavatory controls

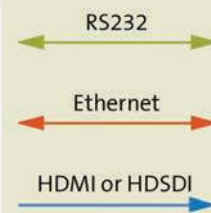


Galley/water/power controls

Environment and cabin controls



PA and entertainment speakers



Bulkhead and seat HD displays

Description	Part Number
PROGRAMMABLE SWITCHES	
Programmable Switch (PSW) RH, with Jack	441-0010-102
RH Switch Faceplate, with Jack, Black	442-0037-001
RH Platable Switch Faceplate, with Jack	442-0960-001
Touchscreen Controller 6000 (TC-6000)	441-0174-100
Programmable Switch (PSW) LH, with Jack	441-0070-102
LH Switch Faceplate, with Jack, Black	442-0712-001
LH Platable Switch Faceplate, with Jack	442-1043-001
TC6000/PSW 3 leg cable	442-0176-001
TC6000/PSW 1 leg cable	442-0179-001
TC6000/PSW 2 leg cable	442-0177-001
TC6000 Faceplate With Headphone Jack	442-1603-001
TC6000 Faceplate With No Headphone Jack	442-1667-001
MINI-SWITCHES - MINI SWITCH PANELS CAN SUPPORT BATTERY BUS OPERATION (SEE MATRIX ON PAGE 11)	
1x1 Mini Discrete Switch ¹	441-0024-10X
1x2 Mini Discrete Switch ¹	441-0062-10X
1x3 Mini Discrete Switch ¹	441-0025-10X
1x4 Mini Discrete Switch ¹	441-0063-10X
1x1 & 1x2 MSW Faceplate ²	442-0413-005
1x1 & 1x2 MSW Platable Faceplate ²	442-1196-001
1x3 & 1x4 MSW Faceplate ²	442-0143-005
1x3 & 1x4 MSW Platable Faceplate ²	442-1200-001
1x2+Annunciator Mini Discrete Switch	441-0092-10X
1x3+Annunciator Mini Discrete Switch	441-0093-10X
1x4+Annunciator Mini Discrete Switch	441-0094-10X
1x2, 1x3, 1x4 MSW+Annunciator Faceplate, Black ²	442-1070-004
1x2, 1x3, 1x4 MSW+Annunciator Platable Faceplate ²	442-1205-001
CMS "A" TYPE SWITCH PANELS⁷	
Headphone Jack/Volume/Audio Select/Display Window/Call (1x8) ⁶	2501-2-002XXXXX ⁸
Call/Display Window/ Audio Select/Volume/ Headphone Jack (1x8) ⁶	2501-2-004XXXXX ⁸
Inboard Conference Table Location: Headphone Jack/ Volume/Audio Select/Read (1x4) ⁶	2501-2-044XXXXX ^{8,11}
Inboard Conference Table Location: Read/Audio Select/ Volume/Headphone Jack (1x4) ⁶	2501-2-045XXXXX ^{8,11}
Headphone Jack/Volume/Audio Select/Display Window/Read/Call (1x9)	2501-2-291 ¹²
Headphone Jack/Volume/Source Select/Display Window/Call (1x9)	2501-2-257XXXXX
Plateable Switch Bezel for 2501-2-291	2440-190-12XXXX-1
Call/Read/Display Window/Audio Select/Volume/ Headphone Jack (1x9)	2501-2-292 ¹²
Call/Read/Display Window/Source Select/Volume/ Headphone Jack (1x9)	2501-2-258XXXXX
Plateable Switch Bezel for 2501-2-292	2440-190-11XXXX-1
LH, Top of Arm, ASW (HP Jack, Vol, Audio, Read) (1x4)	2501-2-031XXXXX ⁸
RH, Top of Arm, ASW (Read, Audio, Vol, HP Jack) (1x4)	2501-2-032XXXXX ⁸

Description	Part Number
INPUT JACK PANELS⁶	
Ethernet System Maintenance Panel	2600-2-21-XXXXX ⁸
RCA Input Panel	2600-2-16-XXXXX ⁸
VGA Input Panel	2600-2-14-XXXXX ⁸
USB Input Panel	441-0091-100
USB Panel Plateable Faceplate	442-1382-001
HDMI Input Panel, Black Faceplate	441-0056-100
HDMI Input Panel	441-0056-101
HDMI Input Panel Plateable Faceplate	442-1404-001
RCA/VGA/RS-232	441-0026-100
RCA/HDMI/RS-232	441-0080-100
A/V DISTRIBUTION	
8x8 Audio/Video Distributor (Analog)	2022-1-1
16x16 Audio/Video Distributor (Analog)	2023-1-1
24x24 Audio/Video Distributor (Analog)	2027-1-1
HDAV-6000	441-0102-100
HDAV-6002	441-0186-100
CABIN CONTROLLERS	
Environmental Controller, 10K Potentiometer	2052-1-1
Environmental Controller, 1K Potentiometer	2052-1-2
Environmental Controller, 2K Potentiometer	2052-1-3
Environmental Controller, 1.2K Potentiometer	2052-1-5
Environmental Controller, 1K Potentiometer	2052-1-6
Environmental Controller, 5-HI, 5LI Inputs	2052-1-7
Environmental Controller, 0-HI, 12 LI Inputs	2052-1-8
Environmental Controller	2052-1-9
Environmental Controller	2052-1-10
RF/IR Controller	2033-1-1
TWO-WAY REMOTE CONTROLS AND WIRELESS ACCESS POINT^{9,10,14}	
Rockwell Collins Router (WAP-3000)	441-0140-100
Rockwell Collins Router (WAP-4000)	73001002-002
Two-way Remote Application Software	SW-VENU-2WAYRMT
GALLEY TOUCHSCREEN	
10.6" 16:9 LCD Touchscreen Display	822-2647-101

Description	Part Number
SOURCE EQUIPMENT	
Dual Disc Blu-ray Player, Horizontal Mnt.	441-0089-100
Dual Disc Blu-Ray Player, Vertical Mnt.	441-0089-101
XM Antenna	822-2030-001
1 CH XM Radio Receiver	XMR100-01
2 CH XM Radio Receiver	XMR200-01
4 CH XM Radio Receiver	XMR400-01
8 CH XM Radio Receiver	XMR800-01
ARINC 429 Interface Module	933620-00
HD DISPLAYS AND PERIPHERALS	
Smart Remote Electronic Box	441-2028-100
10.6" 16:9 LCD Plug-in Display w/Standard Arm (1.9" Height)	441-0143-101
10.6" 16:9 LCD Plug-in Display w/Extended Arm (6.2"Height)	441-0143-100
Plug-in Arm Receptacle	441-0144-100
10.6" In-Seat High Definition (HD) Display	441-0004-100
HD LCD10.6" 16:9 Bulkhead Display	441-0005-100
In-Seat HD Monitor Arm Receptacle	441-0006-100
HD LCD 15.3" 16:9 Bulkhead Display	441-0081-100
HD Touchscreen HTSE with Extended Arm (non-locking)	441-0165-102
10.6" In-Seat HD Touchscreen HTSE with Standard Arm (non-locking)	441-0165-103
In-Seat HTSE Base Receptacle	441-0175-100
iOS SOLUTIONS¹⁰	
ECM	441-0038-100
iPod Menu Control Software License	SW-VENU-IPOD
iPod Cradle	441-0050-100
Docking Cable 3.5 Ft.	442-0334-001
Docking Cable 5.0 Ft.	442-0334-002
Carry On Cable 2.0 Ft.	442-0226-001
Carry On Cable 3.5 Ft.	442-0226-002
Cable Assembly, Extension, 1.5 Ft.	442-0268-002
Jack Panel, 1 Outlet, "iPod" Label	2501-4-045
Double Jack Panel	2501-4-035
Bezel Assembly - 1 Outlet ⁶	2440-130-8XXXX-1
Bezel Assembly - 2 Outlet ⁶	2440-130-9XXXX-1
12" Cable Assembly, iPod ECM Extension	442-0268-001

Description	Part Number
SOFTWARE OPTIONS	
AOD Software	SW-VENU-AOD
Flight Data Screen Saver	SW-VENU-FLIGHT
Interactive Maps configuration part number for XXXX- Unique Numbers for each aircraft serial number and the YY are the software revision numbers	810-0189-XXXXYY
Custom Map configuration part number for XXXX- Unique Numbers for each aircraft serial number and the YY are the software revision numbers	810-0214-XXXXYY
Flight Information via ARINC429 Interface	SW-VENU-A429
Interactive ASXi	SW-VENU-ASXi
Broadcast ASXi	SW-VENU-ASXiB
AVOD Software - Wired	SW-VENU-AVOD1
AVOD Software - Wireless	SW-VENU-AVOD2
INSTALLATION SUPPORT PARTS	
Switch Panel Bezel Removal Tool	2401-1-6
MDSB Cable	2011-1-1
HDMI Cable (minimum of 150 feet)	442-0968-001
HDSDI Coax Cable	442-0961-001
SYSTEM CONFIGURATION CHARGE (Software required for the custom software configuration for each aircraft)	
System Configuration Charge	NON-RECUR-ENG

THIRD PARTY SOFTWARE INTERFACES AVAILABLE³

Feature	Manufacturer	Part Number	Description
Cabin Displays	Rosen	7002-360	7" SDI Plug In - Left Hand
Cabin Displays	Rosen	7002-361	7" SDI Plug In – Right Hand
Cabin Displays	Rosen	0100-342	Base Receptacle
Cabin Displays	Rosen	9000-310	9" SDI Plug In - Center Mount Arm
Cabin Displays	Rosen	9000-337	9" SDI Plug In - Locking Arm
Cabin Displays	Rosen	1200-310	12" SDI Plug In - Center Mount Arm
Cabin Displays	Rosen	1200-337	12" SDI Plug In - Locking Arm
Cabin Displays	Rosen	1702-001	17.5" Bulkhead (All-In-One)
Cabin Displays	Rosen	1900-001	19" Bulkhead (All-In-One)
Cabin Displays	Rosen	0700-107	Remote Monitor Electronic Box
Cabin Displays	Rosen	1901-001	19" Remote Display Module
Cabin Displays	Rosen	2401-100	24" Remote Display Module
Cabin Displays	Rosen	2601-100	26" Remote Display Module
Cabin Displays	Rosen	3201-100	32" Remote Display Module
Cabin Displays	Rosen	VENU-SW-ROSEN	Venue Interface Software
Cabin Sound	Mid Contient Controls	102027-3	Cabin Speaker Amplifier
Cabin Sound	Mid Contient Controls	102025-1	PA Amplifier
Cabin Sound	Mid Contient Controls	102027-3	Cabin Speaker Amplifier
Cabin Sound	Mid Contient Controls	102025-1	PA Amplifier

THIRD PARTY SOFTWARE INTERFACES AVAILABLE CONTINUED³

Feature	Manufacturer	Part Number	Description
Cameras	Otonomy	CAMHD-1	Fin Tip/Belly Camera
Cameras	Otonomy	CAMHD-Z	Zoom Camera
Cameras	Securaplane	100-1053-02	Zoom Camera CMZ-01
Lighting Controllers	EMTEQ	DFJP23	Lighting Controller
Lighting Controllers	EMTEQ	ELP23-28-01	3 Channel Light Controller Unit
Lighting Controllers	EMTEQ	ELW70/LCU-001	Quasar 1 Light Controller Unit
Lighting Controllers	EMTEQ	EMTEQ ELW 92	Washlighting Controller
Lighting Controller	EMTEQ Quasar 2	Contact EMTEQ	EMTEQ Quasar 2 Cabin Lighting
Lighting Controllers	Heads Up Technology	CLC-500-150	Downwash Lighting
Lighting Controllers	Heads Up Technology	DOM100	Baggage, Vestibule Light
Lighting Controllers	Heads Up Technology	IOC-100	Reading, Table and Accent Light Control
Lighting Controllers	Heads Up Technology	RDG-450	Baggage, Vestibule Light
Lighting Controllers	Heads Up Technology	CLC 500-01	Lighting Controller
Lighting Controllers	Heads Up Technology	CLC-500	Downwash Lighting
Liquid Container	Mapco	1311	Container with Temperature Control
Live Satellite TV	Honeywell	SW-VENU-AIS2000	AIS-2000 Satellite TV - 2 inputs
Live Satellite TV	Honeywell	SW-VENU-AIS2000	AIS-2000 Satellite TV - 4 inputs
Live Satellite TV	Honeywell	SW-VENU-AIS2000	AIS-2000 Satellite TV - 6 Inputs
Router	Aircell	PI2083	Wireless Router for 2-Way Remote
Router	Honeywell	CR-710	Wireless Router for 2-Way Remote
Seat Heat Controllers	EMTEQ	SHS-CTRL-01	Seat Heat Control
Shade Controllers	Aersopace Tech Group	ATG20F012	Electromechanical Window Shade
Shade Controllers	Aersopace Tech Group	ATG20F013	Electromechanical Window Shade
Shade Controllers	Aerospace Tech Group	ELRP-0000000-108	Shades Assembly
Shade Controllers	InspeTech	IT21770-WC-0001	Shade Control
Shade Controllers	Gentex	NP196013-1	Shade Control
Shade Controllers	Gentex	NP2002	Cabin Shades
Temperature Controller	Keith Products	300-0750-2	Cabin Temperature Controller
Video Controller	Otonomy	VCCU-E	Video Control and Communication Unit (VCCU-E)
		GAC1533	Hot Cup Timer
		N/A	Drain Heater

MINI SWITCH CONFIGURATION MATRIX¹³

Mini Switch Part Number	Switch Operation				
	1	2	3	4	
1x1 MSW 441-0024					
-100	Toggle	-	-	-	-
-101	Momentary	-	-	-	-
1x2 MSW 441-0062 and 441-0092					
-100	Toggle	Toggle	-	-	-
-101	Momentary	Momentary	-	-	-
-102	Toggle	Momentary	-	-	-
-103	Momentary	Toggle	-	-	-
1x3 MSW 441-0025 and 441-0093					
-100	Momentary	Momentary	Momentary	-	-
-101	Toggle	Toggle	Toggle	-	-
-102	Toggle	Momentary	Momentary	-	-
-103	Toggle	Toggle	Momentary	-	-
-104	Toggle	Momentary	Toggle	-	-
-105	Momentary	Toggle	Toggle	-	-
-106	Momentary	Toggle	Momentary	-	-
-107	Momentary	Momentary	Toggle	-	-
1x4 MSW 441-0063 and 441-0094					
-100	Toggle	Toggle	Toggle	Toggle	Toggle
-101	Toggle	Toggle	Momentary	Momentary	Momentary
-102	Toggle	Toggle	Toggle	Toggle	Momentary
-103	Toggle	Toggle	Momentary	Momentary	Toggle
-104	Momentary	Momentary	Momentary	Momentary	Momentary
-105	Momentary	Momentary	Toggle	Momentary	Momentary
-106	Momentary	Momentary	Momentary	Momentary	Toggle
-107	Toggle	Momentary	Momentary	Momentary	Toggle

NOTES:

1. XXX is the configuration of the toggle/momentary discrete outputs defined in the Mini Switch Configuration Matrix.
2. A mini discrete switch faceplate includes a sheet of polyester text overlays that are installed by the avionics technician after aircraft configuration is complete. Custom labels can be ordered separately.
3. Additional third party interfaces are available. Please contact your Rockwell Collins Authorized Dealer for information on these interfaces.
4. Airshow in high definition is available as an option with the purchase of an MCD.
5. Additional features and customization options are available. Contact your Rockwell Collins Authorized Dealer for more information.
6. Plating that is determined at the time of order placement.
7. Additional switch panels are available.
8. "XXXXX" represents plating code and configuration to be identified on the purchase order.
9. Works with all iOS devices.
10. Rockwell Collins iOS Solutions are compatible with the following Apple iPod devices (as of the date of this bulletin). As Apple releases updated software or new devices within each product family, it is expected that they will continue to be compatible, however, it cannot be guaranteed. The Rockwell Collins iPod Solutions does not support older model iPods that lack the 30 pin connector or video output. This would include the original Nano and the Shuffle family of iPods.

For the "lighting Connector" devices (iPhone 5, etc.), the Apple 30 pin to lightning adapter is required for compatibility. The lightning connector does not support video output at this time, but does support audio output. See Rockwell Collins Service Information Letter 5230819217 for the most current compatibility notes.
11. These are recommended for Gulfstream aircraft seats (narrow seats).
12. These switch panels are FCMS (Falcon Aircraft) style switch panels and only the faceplate (bezel) is plateable.
13. Miniswitch switch panels can support battery bus operations.
14. Additional functions such as zone and seat controls are chargeable options.

How can we help?

Please call Rockwell Collins Customer Support at +1.319.295.5000.

Building trust every day.

Rockwell Collins delivers smart communication and aviation electronic solutions to customers worldwide. Backed by a global network of service and support, we stand committed to putting technology and practical innovation to work for you whenever and wherever you need us. In this way, working together, we build trust. Every day.

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