

DATASHEET

# MAVERIK

## Modular Production Switcher Panel



The switcher control surface for Kahuna that doesn't conform to the norm.

Maverik is a totally new innovation in switcher control for the world-leading Grass Valley® Kahuna® and range. The Maverik modular panels are perfect for every studio and mobile TV production. It allows unprecedented freedom in panel design so you can throw away the rule book and create the switcher panel you need in exactly the way you want – with the ability to easily change layout for every production.

Maverik is the first control surface to allow total customization across the board – literally. It has been designed to suit any production genre, be it large or small, offering clean, clear and confident operations with space and cost-saving advantages.

Whether for sports, music, news, light entertainment or houses of worship, Maverik can be laid out exactly the way you need it to switch productions effortlessly, and bring maximum functionality to minimal space.

### Mav Concept

The individual control elements of a Maverik control panel system are known as Mavs. The Mav concept allows the layout of any combination of Mavs in any desired configuration. This approach allows the control surface panel to be tailored to any production need and not restricted to pre-made desk dimensions. Mav modules are manufactured in common sizes and fit into Grass Valley's unique MavRow racking system. The MavRow racking system

can support any combination of Mavs in any order, and gives you the ability for on-the-fly Mav changes on a production-by-production basis.

### What will my Maverik panels for my Kahuna switcher look like?

Visualize your Kahuna switcher interface with the [Kahuna Maverik Configurator](#). Imagine the Mav arrangement for your requirements whether it's sports, news, light entertainment, music or something entirely different.

## Key Features

- Unprecedented freedom in panel design
- Ability to change panel configuration on a production-by-production basis
- Easy creation of multiple production areas
- Any size layout can access all the power of the switcher's mainframe
- Crystal clear OLED buttons with user-assignable thumbnails
- Touchscreen at the M/E level for quick pre-production and instant functionality selection
- High-resolution and intuitive user function buttons for easy effect recognition
- Delivers resilience and easy servicing

## Mav Modules

A wide range of Mav modules are available, allowing you to design a Maverik panel specifically tailored to your requirements.



### MAV-GUI

Configure your entire panel with easy touchscreen navigation and selectable preferences to create your complex effects fast and with ease. Choose your own shortcut hotkeys for even faster operations.

Mav Designation	MAV-GUI	
Order Code	MAV-GUI	
Dimensions	<b>Width</b> 220 mm (8.66 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	10 x RJ45	
Power	2 x external DC blocks auto sensing 100 – 250 VAC 50/60 Hz	



### MAV-TRANS

The Mav Trans module gives you easy smooth transitions of backgrounds with identification direction light. Take your keys to air with the T-bar or use the independent key transitions or simply use your hot keys to add or remove key layers promptly. The Mav Trans also gives you three OLED buttons to assign any effect you need.

Mav Designation	MAV-TRANS	
Order Code	MAV-TRANS	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2x RJ45	
Power	(POME) Power over Maverik Ethernet	



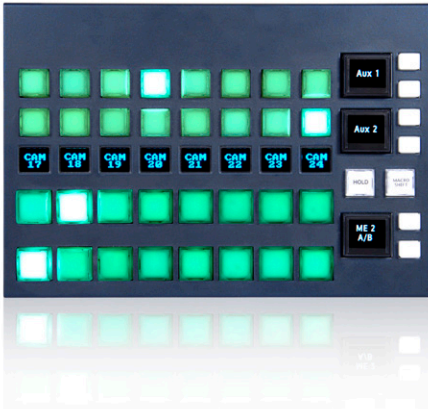
### MAV-8Xpt-DEL-OB

The same crosspoint Mav module as the Mav 8Xpt del FS but with the additional OLED buttons, to give you full control of macros, memory recall and effects. High-quality crystal OLED displays for bespoke graphical identification.

Mav Designation	MAV-8Xpt-DEL-OB	
Order Code	MAV-8Xpt-DEL-OB	
Dimensions	<b>Width</b> 200 mm (7.87 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	

## Mav Modules (cont.)

A wide range of Mav modules are available, allowing you to design a Maverik panel specifically tailored to your requirements.



### MAV 8Xpt DEL FS

A crosspoint Mav module built in 8 button sets for ergonomic operations. Select any backgrounds, keyers or auxes via the push buttons to access all your resources quickly.

A powerful Mav module that gives you access to all of your M/E's which gives you the possibility of designing any size panel.

Mav Designation	MAV-8Xpt-DEL-FS	
Order Code	MAV-8Xpt-DEL-FS	
Dimensions	<b>Width</b> 200 mm (7.87 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV 8xpt OB

8 crosspoint Mav module select as above but with the addition of the crystal clear OLED buttons across the top of each Mav for instant access to macros, memories and effects.

Mav Designation	MAV-8Xpt-OB	
Order Code	MAV-8Xpt-OB	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV 8xpt FS

8 crosspoint Mav module selector, to access any of your sources and feeds with confidence. Identify each source with up to 4 lines of characters. Connect as many Mav 8xpt FS modules as you desire, there are no limits.

Mav Designation	MAV-8Xpt-FS	
Order Code	MAV-8Xpt-FS	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	

## Mav Modules (cont.)

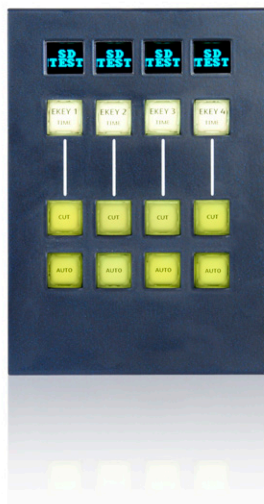
A wide range of Mav modules are available, allowing you to design a Maverik panel specifically tailored to your requirements.



### MAV AUX

Include a Mav Aux module to your Maverik for dedicated & confident control of aux bus switching with three levels of mnemonics showing source name, aux bus name and the switched source, perfect for in-vision productions.

Mav Designation	MAV-AUX	
Order Code	MAV-AUX	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV DSK

The Mav DSK module gives operators instant access to the DSKs on the assigned M/E. It allows for fast operations to take and remove keys off and on air.

Mav Designation	MAV-DSK	
Order Code	MAV-DSK	
Dimensions	<b>Width</b> 100 mm (3.93 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV KEYER

Design and manipulate effects on key layers fast with the Mav Keyer module. Resize your keys, build effects, change their priority layers with an easy to reach selection Mav tool.

It is the perfect direct and accurate key parameter control for any M/E keyer delegated to the keyer Mav.

Mav Designation	MAV-KEYER	
Order Code	MAV-KEYER	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



## Mav Modules (cont.)

A wide range of Mav modules are available, allowing you to design a Maverik panel specifically tailored to your requirements.



### MAV JOY

The Mav Joystick can be used for multiple functions, whether you're resizing key effects, moving keys, creating timelines, or even adjusting camera heads.

The Mav Joy can be used across the Maverik panel for any M/E, giving the operator easy access for simple operations.

Mav Designation	MAV-JOY	
Order Code	MAV-JOY	
Dimensions	<b>Width</b> 100 mm (3.93 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV KEYPAD

Whether you need to save memories such as Dmems and Gmems or recall them, manipulate resize parameters for key layers, the Mav Keypad is an easy to access number pad, making operations fast and effective.

Mav Designation	MAV-KEYPAD	
Order Code	MAV-KEYPAD	
Dimensions	<b>Width</b> 100 mm (3.93 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV UFBPAD

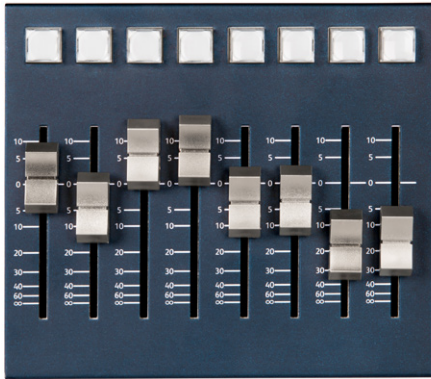
A powerful module giving you multiple layers of macros for any type of memory recall, macro activation, clip/store load, or even operational commands.

The User Function Pad Mav module can be assigned and designated any way you want for your production.

Mav Designation	MAV-UFBPAD	
Order Code	MAV-UFBPAD	
Dimensions	<b>Width</b> 100 mm (3.93 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	

## Mav Modules (cont.)

A wide range of Mav modules are available, allowing you to design a Maverik panel specifically tailored to your requirements.



### MAV AUDIO FADER

Extend the control of the Audio Mixer to a single control point with the production switcher in the control room using the Mav Audio Fader.

This Mav module can be placed anywhere within a desired Maverik control surface. Fitted with motorized faders, the Mav Audio Fader works with memories as well as normal audio operation control.

Mav Designation	MAV-AUDIO-FADER	
Order Code	MAV-AUDIO-FADER	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	



### MAV AUTO

Customize your production easily and take your visuals to air fast and immediate with the MAV-AUTO module. It has been designed to make operations easy and fast with customizable full color OLED macro buttons and a source selection row.

The MAV-AUTO module is the perfect solution for automated productions or even as a large shotbox function to trigger any combination of effects when you need them.

Mav Designation	MAV-AUTO	
Order Code	MAV-AUTO	
Dimensions	<b>Width</b> 160 mm (6.29 inches)	<b>Depth</b> 140 mm (5.15 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet	

## Mav Modules

A wide range of Mav modules are available, allowing you to design a Maverik panel specifically tailored to your requirements.



### Maverik Encoder GUI (MEG)

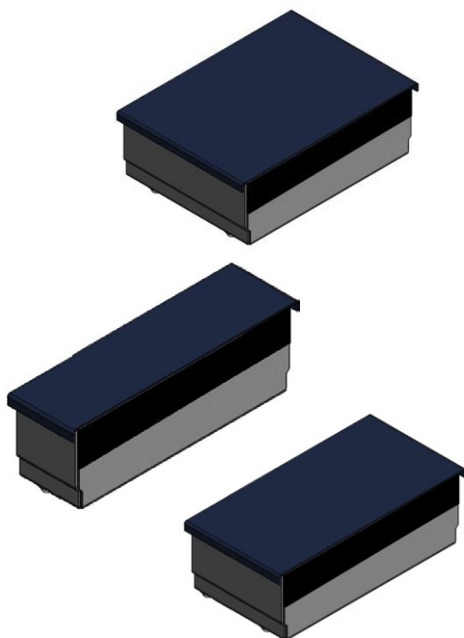
Maverik Encoder GUI (MEG) is an option available to any Maverik control surface. MEG offers the operator five physical rotary encoder knobs to provide the physical granular adjustment needed to achieve a precise look for any production.

A Masterpiece MEG is also available with three rotary encoder knobs.

Mav Designation	KAH-MEG-5 or KULA-MP-MEG-3	
Order Code	KAH-MEG-5 or KULA-MP-MEG-3	
Dimensions	<b>Width</b> 44 mm (1.73 inches)	<b>Depth</b> 182 mm (7.16 inches)
Connection	2 x RJ45	
Power	(POME) Power over Maverik Ethernet or external GV power supply	

### Blank MAV Modules

Blank Mav modules are used in all panel designs to use space to its maximum while designing any layout. Mav Blanks are deployed like any Maverik Module, anywhere.



MAV Blank Size	Order Code
MAV - Blank - 20	MAV-BP-20
MAV - Blank - 40	MAV-BP-40
MAV - Blank - 60	MAV-BP-60
MAV - Blank - 80	MAV-BP-80
MAV - Blank - 100	MAV-BP-100
MAV - Blank - 120	MAV-BP-120
MAV - Blank - 140	MAV-BP-140
MAV - Blank - 160	MAV-BP-160
MAV - Blank - 180	MAV-BP-180
MAV - Blank - 200	MAV-BP-200
MAV - Blank - 220	MAV-BP-220

### MAV - ROW FRAME

MavRowFrame Racking system for all Maverik Mav Modules are available in various lengths from 160 mm to 1560 mm.

Multiple MavRowFrames can be connected together and increase the depth of a panel that provides the basis of any Maverik panel layout.

For flyaway kits and other rack-mounted applications, a 19"/420 mm MavRowFrame with rack ears is also available.





## Pre-Configured Maverik Control Panels

### MAV-PNL-100-16

#### Maverik 1 M/E panel – 16 buttons – 1 MAV-GUI

- 1x 9678250 MAV-GUI Graphical user interface
- 1x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
- 1x 9678200 MAV-8Xpt-FS 8 crosspoint Mav module
- 1x 9678240 MAV-TRANS Transition module
- 1x 9678370 MAV-KEYER
- 1x 9678260 MAV-UFBPAD User function button pad
- 1x 9678280 MAV-JOY Joystick Mav module
- 1x 9678340 MAV-KEYPAD Keypad Mav module
- 1x 9678410 MAV-Blank-40 40 mm blanking Mav

Note: must order separately: 2x MAV-PNL-ROW-620 Single MavRowFrame, 620 mm width



### MAV-PNL-200-24

#### Maverik 2 M/E panel – 24 buttons – 1 MAV-GUI

- 1x 9678250 MAV-GUI Graphical user interface
- 2x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
- 4x 9678200 MAV-8Xpt-FS 8 Crosspoint Mav module
- 2x 9678240 MAV-TRANS Transition module
- 1x 9678370 MAV-KEYER
- 1x 9678260 MAV-UFBPAD User function button pad
- 1x 9678270 MAV-DSK Downstream keying Mav module
- 1x 9678280 MAV-JOY Joystick Mav module
- 1x 9678340 MAV-KEYPAD Keypad Mav module
- 1x 9678410 MAV-Blank-40 40 mm blanking Mav
- 1x 9678470 MAV-Blank-160 160 mm blanking Mav

Note: must order separately: 3x MAV-PNL-ROW-780 Single MavRowFrame, 780 mm width



### MAV-PNL-300-24-1G

#### Maverik 3 M/E panel – 24 buttons – 1 MAV-GUI

- 1x 9678250 MAV-GUI Graphical user interface
- 3x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
- 6x 9678200 MAV-8Xpt-FS 8 Crosspoint Mav module
- 3x 9678240 MAV-TRANS Transition module
- 1x 9678370 MAV-KEYER
- 1x 9678260 MAV-UFBPAD User function button pad
- 1x 9678280 MAV-JOY Joystick Mav module
- 1x 9678340 MAV-KEYPAD Keypad Mav module
- 1x 9678410 MAV-Blank-40 40 mm blanking Mav
- 1x 9678420 MAV-Blank-60 60 mm blanking Mav

Note: must order separately: 3x MAV-PNL-ROW-940 Single MavRowFrame, 940 mm width



### MAV-PNL-300-24-2G

#### Maverik 3 M/E panel – 24 buttons – 2 MAV-GUIs

- 2x 9678250 MAV-GUI Graphical user interface
- 3x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
- 6x 9678200 MAV-8Xpt-FS 8 Crosspoint Mav module
- 3x 9678240 MAV-TRANS Transition module
- 1x 9678370 MAV-KEYER
- 1x 9678260 MAV-UFBPAD User function button pad
- 1x 9678280 MAV-JOY Joystick Mav module
- 1x 9678340 MAV-KEYPAD Keypad Mav Module.
- 1x 9678270 MAV-DSK Downstream keying Mav module
- 2x 9678410 MAV-Blank-40 40 mm blanking Mav

Note: must order separately: 3x MAV-PNL-ROW-1040 Single MavRowFrame, 1040 mm width





## Pre-Configured Maverik Control Panels (cont.)

### MAV-PNL-300-32

#### Maverik 3 M/E panel – 32 buttons – 2 MAV-GUIs

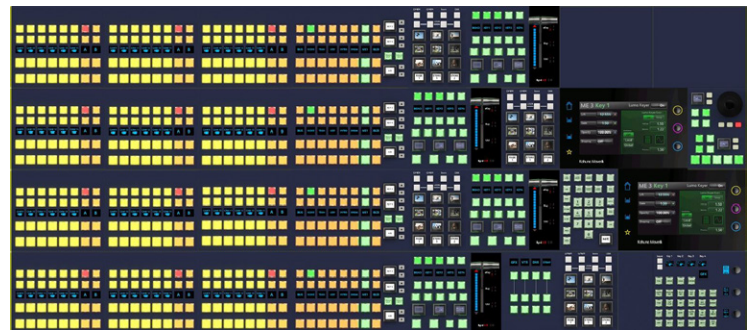
- 2x 9678250 MAV-GUI Graphical user interface
  - 3x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
  - 9x 9678200 MAV-8Xpt-FS 8 Crosspoint Mav module
  - 3x 9678240 MAV-TRANS Transition module
  - 1x 9678370 MAV-KEYER
  - 3x 9678260 MAV-UFBPAD User function button pad
  - 1x 9678280 MAV-JOY Joystick Mav module
  - 1x 9678340 MAV-KEYPAD Keypad Mav module
  - 1x 9678270 MAV-DSK Downstream keying Mav module
  - 1x 9678420 MAV-Blank-60 60 mm blanking Mav
- Note: must order separately: 3x MAV-PNL-ROW-1260 Single MavRowFrame, 1260 mm width



### MAV-PNL-400-32

#### Maverik 4 M/E panel – 32 buttons – 2 MAV-GUIs

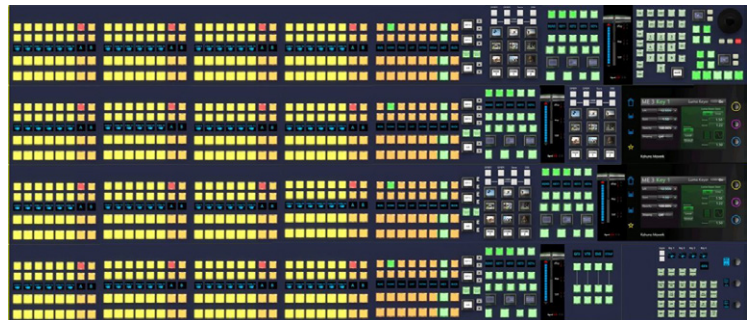
- 2x 9678250 MAV-GUI Graphical user interface
  - 4x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
  - 12x 9678200 MAV-8Xpt-FS 8 crosspoint Mav module
  - 4x 9678240 MAV-TRANS Transition module
  - 1x 9678370 MAV-KEYER
  - 4x 9678260 MAV-UFBPAD User function button pad
  - 1x 9678280 MAV-JOY Joystick Mav module
  - 1x 9678340 MAV-KEYPAD Keypad Mav module
  - 1x 9678270 MAV-DSK Downstream keying Mav module
  - 1x 9678420 MAV-Blank-60 60 mm blanking Mav
  - 2x 9678470 MAV-Blank-160 160 mm blanking Mav
- Note: must order separately: 4x MAV-PNL-ROW-1260 Single MavRowFrame, 1260 mm width



### MAV-PNL-400-40

#### Maverik 4 M/E panel – 40 buttons – 2 MAV-GUIs

- 2x 9678250 MAV-GUI Graphical user interface
  - 4x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints
  - 16x 9678200 MAV-8Xpt-FS 8 Crosspoint Mav module
  - 4x 9678240 MAV-TRANS Transition module
  - 1x 9678370 MAV-KEYER
  - 3x 9678260 MAV-UFBPAD User function button pad
  - 1x 9678280 MAV-JOY Joystick Mav module
  - 1x 9678340 MAV-KEYPAD Keypad Mav module
  - 1x 9678270 MAV-DSK Downstream keying Mav module
  - 1x 9678420 MAV-Blank-60 60 mm blanking Mav
  - 1x 9678400 MAV-Blank-20 20 mm blanking Mav
- Note: must order separately: 4x MAV-PNL-ROW-1320 Single MavRowFrame, 1320 mm width



## Pre-Configured Maverik Control Panels (cont.)

### MAV-PNL-400-40-OL

#### Maverik 4 M/E panel – 40 buttons + OLED – 2 MAV-GUIs

2x 9678250 MAV-GUI Graphical user interface

3x 9678220 MAV-8Xpt-DEL-FS Delegation Mav module with 8 crosspoints

1x 9678230 MAV-8Xpt-DEL-OB Delegation Mav module with 8 crosspoints with OLED macro buttons

12x 9678200 MAV-8Xpt-FS 8 Crosspoint Mav module

4x 9678210 MAV-8Xpt-OB 8 Crosspoint Mav module with OLED macro buttons

4x 9678240 MAV-TRANS Transition module

1x 9678370 MAV-KEYER

3x 9678260 MAV-UFBPAD User function button pad

1x 9678280 MAV-JOY Joystick Mav module

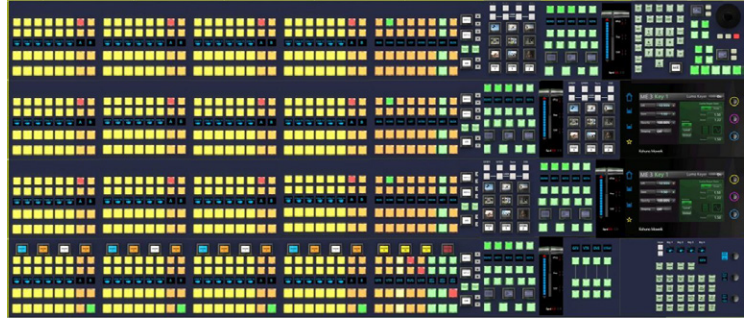
1x 9678340 MAV-KEYPAD Keypad Mav module

1x 9678270 MAV-DSK Downstream keying Mav module

1x 9678420 MAV-Blank-60 60 mm blanking Mav

1x 9678400 MAV-Blank-20 20 mm blanking Mav

Note: must order separately: 4x MAV-PNL-ROW-1320 Single MavRowFrame, 1320 mm width



This product may be protected by one or more patents. For further information, please visit: [www.grassvalley.com/patents](http://www.grassvalley.com/patents)

DS-PUB-3-0703B-EN

Grass Valley®, GV®, GV Grass Valley® and the Grass Valley logo are trademarks or registered trademarks of Grass Valley USA, LLC, or its affiliated companies in the United States and other jurisdictions. Grass Valley products listed above are trademarks or registered trademarks of Grass Valley USA, LLC or its affiliated companies, and other parties may also have trademark rights in other terms used herein. Copyright © 2019-2023 Grass Valley Canada. All rights reserved. Specifications subject to change without notice.

[www.grassvalley.com](http://www.grassvalley.com) Join the Conversation at GrassValleyLive on [Facebook](#), [Twitter](#), [YouTube](#) and Grass Valley on [LinkedIn](#)