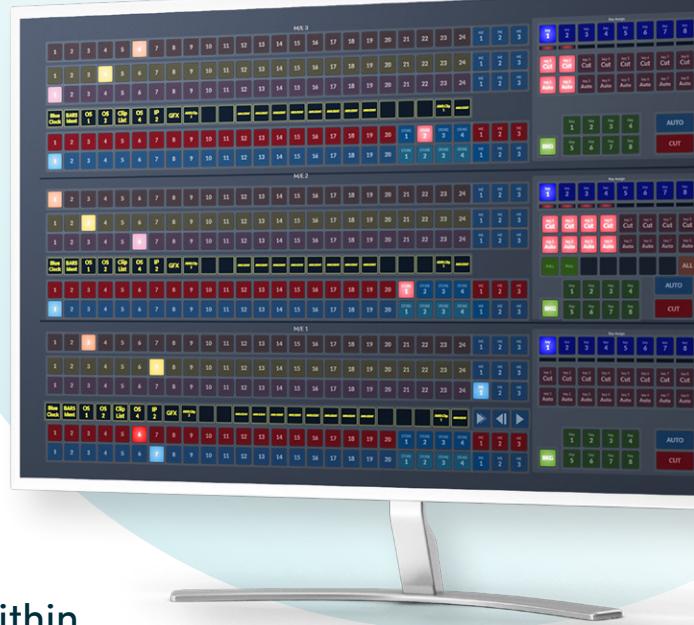


DATASHEET

MAVERIK X (MAVX)

Software Production Switcher



A new software-based production switcher within the AMPP® technology umbrella from Grass Valley®.

Maverik X, an AMPP-native switcher, is purpose-built and scalable to efficiently meet user demands. Leveraging microservices, it seamlessly operates on-premises or in the cloud. From inception, it is a no-compromise next-generation software switcher that empowers broadcast professionals with the tools for high-quality shows.

Compatible with Linux native compute, Maverik X enhances customer control over production costs utilizing COTS servers. Designed with a forward-looking approach, Grass Valley — the market leader in video production switchers, has created an unparalleled switcher, outclassing competitors. MAVX represents a future vision which offers customers flexibility to produce beyond traditional approaches across multiple markets enabling revenue generation. It embraces scalable operations, accommodating both large-scale productions and compact setups based on evolving needs.

Its virtual interface offers the user a traditional mode of operating a production switcher. It can be configured identically to a hardware panel with multiple M/E stripes, each with keyer delegation rows, A and B buses, and a transition area. Like a traditional production switcher, Maverik X can create a show with many layers of images, pre-recorded clips as well as live video. It supports picture-in-picture with 2D resizing and positioning as well as image crop, opacity and border controls on every keyer. A large range of

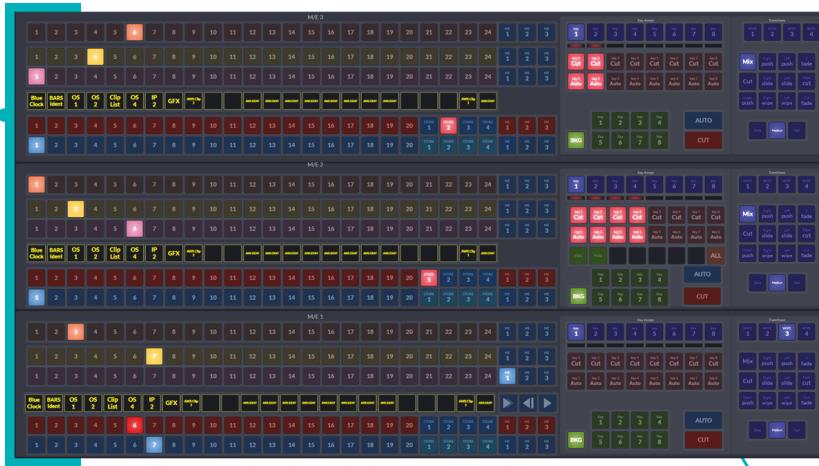
built-in wipes and transitions can be combined with custom transitions using video or graphics to create a uniquely branded look.

Maverik X is a highly flexible platform that can scale from very small to very large, where it is only limited by the capacity of the server and the amount of I/Os available. It is designed to be controlled entirely using AMPP control and therefore the customer is free to build flexible user interfaces that expose the level of functionality required for a specific operator or production.



Key Features

- AMPP native
- Acquiring resources is fast and simple
- Flexible M/Es and Key layers:
 - Unlimited keyers per M/E
 - Unlimited Key rows
 - Cut and Mix for all keys
 - Multiple key frame animations on every keyer
 - Chroma key on keyers
- Image transitions
- Wipe transitions:
 - Pushes and slides built in as transitions without a frame bump
- Built-in Image Stores
- X*Y*Z architecture
- Totally configurable UIs:
 - Create any panel layout such as 3-box shows with the associated 3-rows of key sources that feed each of the three (3) boxes
 - Build/define a custom UI with production builder to easily deploy event-based solutions by clicking a button
- Driven by soft-panel GUIs or hardware panels
- Create macros to recall a complete configuration of an production suite: desktops (GVUI), surfaces (panel assign), and monitoring (AMPP monitor with Raspberry Pi)



One of its unique features is the ability to support multiple outputs for every M/E, similar to programmable clean feeds on a traditional Grass Valley K-Frame™ XP. This makes it ideal for productions where you need to produce different branded versions for different distributions. In addition to simple source replacement, you can also do more advanced operations such as different replay wipes on different outputs.

To simplify the setup process, Grass Valley provides several standard AMPP control panel GUI templates. These can either be used as-is or modified as required by adding or removing functionality, making any surface match the event's user punching requirements.

In addition, if tactile feel is desired to control the Maverik X, every function is exposed via the AMPP control API, making integration with a variety of hardware panels, including GV Maverik modules, a breeze.

Maverik X's AMPP apps are straightforward: a base application (**AE-A-MAVX-BASE**) consisting of two(2) M/Es and 32x6 max I/O footprint; and an optional application (**AE-A-MAVX-ME**) for adding additional M/Es.

Grass Valley's Maverik X is the definition of the ultimate flexible software production switcher and interface that could only be delivered by the market leader who listens to customers' needs to produce varying content.

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

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