



M Series

Mixing & Scaling



M3

Video Control on Demand

Bringing together sophisticated presentation switching with advanced mixing capabilities into a single device, this vision mixer console includes broadcast style features for quick usage and access for any event or presentation. Integral dual eight-inch LCD displays provide monitoring of video sources, full preview, and program outputs. At the rear of the M3, the unique RGBlink modular platform becomes apparent, with a host of signal options and features.

Along with the on-board LCD monitoring, signature large tactile illuminated buttons feature with T-Bar mixing controls. Up to six outputs may be fitted to M3 for presentation solutions that go beyond just vision mixing, and with powerful scaling features, M3 is a fully integrated video system suitable for professional environments across entertainment to integration.

M3 is available in two variants with the M3e model having additional features for AUX outputs when fitted, including PIP capabilities and more.

M3

Integrated vision mixer & scaler

12 mega pixel capacity

PST to PGM presentation switching

Dedicated background Inserts

Dual LCD displays built in

Genlock Y In

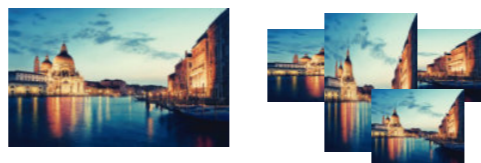
Support for Tally

Genlock

Genlock Y in is included enabling synchronised operations of M3 across devices connected to a Genlock generator/source.

Scale

Set output resolution independently from input resolutions, and scale the output pixel-to-pixel, ideal for direct connection to non-native displays such as LED. Arrange scaled layers is in any position.



Dual 2K Outputs

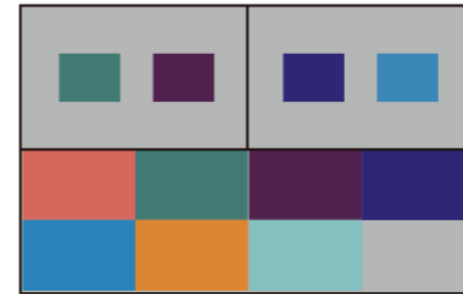
M3 is standard with two HDMI outputs. These outputs may be configured in a variety of ways – modes – included standard duplicated output, dual 2K (4Kx1K) or where AUX is fitted as spliced and extended.

Auxiliary Outputs

With the optional AUX output module fitted, four 2K outputs are added to M3 (bringing the total to six 2K outputs). The AUX outputs are ideal for use a relay monitors, for distributed signals or spliced displays. With the M3s model, AUX outputs add PIP support.

Multiview Preview

M3 features a dedicated multi-view preview display available both from the on board LCD and via a dedicated HDMI output. This configurable PVW can display up to eight input sources.



PST/PGM Monitoring

An onboard LCD display is dedicated to providing monitoring of PST and may also be switched to show PGM. For external duplication of this monitoring, a dedicated HDMI output port is also provided.

Modular Inputs

A wide range of input options are available with up to twelve inputs able to be user fitted. Input options include HDMI, DVI, SDI, DisplayPort, CVBS and USB 2.0 media.

Presentation Mixing

Display and preview multiple video sources duplicated across outputs allowing main and relay display possibilities



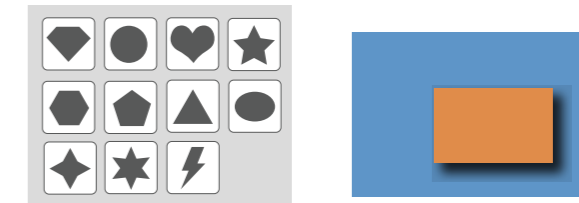
M3e Spliced 4K Presentation

With an AUX module fitted to an Me3 and an HDMI Loop, connect up to four displays to form a 4K display with PIPs and PST/PGM configuration



Digital Effects

A video mask may be applied to a foreground PIP video layer. There are wide range of included masks, and in additional users may load custom masks for even more creative control. Other effects available include DSK/Chroma Key, blend edge softening effect and frames/borders including drop-shadow.



Crop & Position

Select X and Y offsets along with width and height to select any image part for output.



OSD

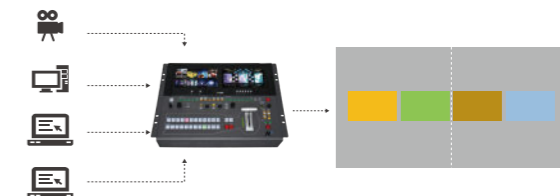
Import On Screen Display text messaging overlays in virtually any font or style, and either moving static. M3 provides a dedicated TAKE facility for OSD independently of the video TAKE.

LOGO & STILL

Import and apply a STILL (watermark) or LOGO (channel transitions with TAKE), these layers are additional overlays regardless of video layers in use.

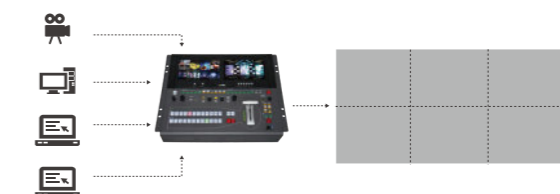
Video Wall Presentations

Present to large video wall displays utilising up to 4K1K with multiple video layers with PST/PGM switching



M3e Spliced Displays

With an AUX module fitted to an Me3, connect up to six displays to form a video wall of up to 8K1K



STREAMING

- CAPTURE
- SWITCHER
- STEAM/CODECS
- CLOUD/DECODER
- ASK Series Collaboration Solutions

PRO AV

- D Series Digital Processors
- X Series Universal Processors
- M Series Mixing & Scaling
- FLEX Series Mixed Signal Matrix
- Q Series Multi-signal Matrix
- 1 Series Switcher/Scalers

T Series Control Consoles

Subito Series LED Control Solutions

RMS Series Monitoring Solutions

MSP Series Video Tools/Extenders Signal Convertors Signal Distributors

Accessories

Software

Reference

Contact



M2








Multi-layer video mixing and integrated solution

Ideal for meeting and conference rooms, houses of worship and any events spaces where hands on video control is needed for one or more displays, M2 is a complete integrated video processing and control solution.

M2 is packed with advanced features across multiple operation modes that offer a high level of flexibility for live presentation applications.

Choose from two models – M2 with four HDMI outputs or M2s with additional duplicated two channel output via SDI and HDMI ideal for connecting downstream devices such as recording and streaming.

M2

-  Integrated vision mixer & scaler
-  Four configurable 2K outputs
-  Up to modular inputs
-  Dedicated preview output
-  Genlock Y In
-  Tally Support
-  Choice of two models

Group Mode

Both output channels are duplicated offering the same output as program and monitor. PIP's are available in this mode with PIP/layer count dependent on output resolution and layer arrangement.



Output Splicing Modes

Split output across dual output channels for 4K x 1K split with PST, or across all four outputs for a videowall output of up to 8K x 1K.



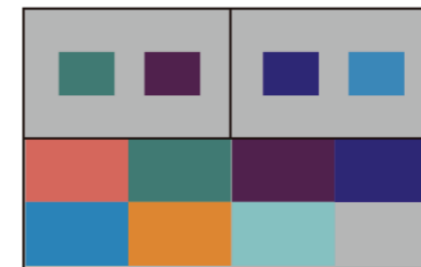
Digital Effects

A video mask may be applied to a foreground video layer. There are wide range of included masks, and in additional users may load custom masks for even more creative control. Other effects available include DSK/Chromakey and blend edge softening effect.



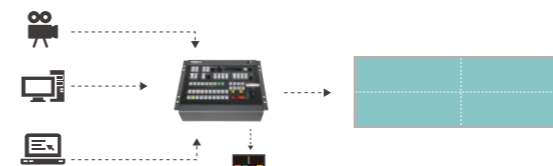
Multiview Preview

M2 features a dedicated preview output via HDMI. This output presents a Multiview including preview of up to eight input sources.



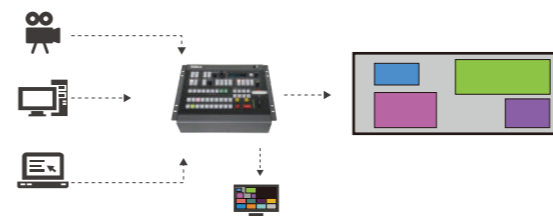
Presentation Mixing

Display and preview multiple video sources with PIP fade-in fade-out over background layer.



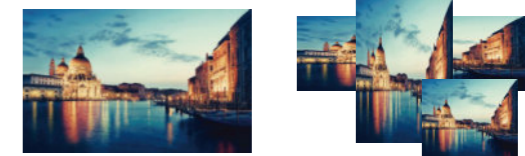
Spliced 4K Presentation

Use all four outputs to form a 4K display fully synchronised and tear free.



Scale

Set output resolution independently from input resolutions, and scale the output pixel-to-pixel, ideal for direct connection to non-native displays such as LED. Arrange scaled layers in any position.



Crop & Position

Select X and Y offsets along with width and height to select any image part for output.



OSD

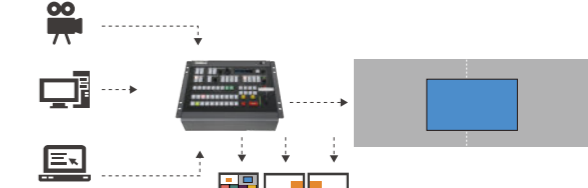
Import On Screen Display text messaging overlays in virtually any font or style, and either moving static. M2 provides a dedicated TAKE facility for OSD independently of the video TAKE.

LOGO & STILL

Import and apply a STILL (watermark) or LOGO (channel transitions with TAKE), these layers are additional overlays regardless of video layers in use.

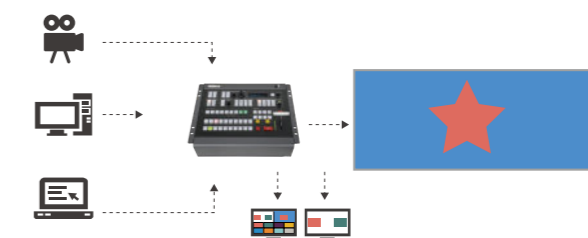
Video Wall Presentations

Present to large video wall displays utilising up to 4K1K with multiple video layers with PST/PGM switching



Presentation Switching with Effects

Add a standard or custom mask to a PIP layer to enhance the presentation.



M2s

STREAMING

- CAPTURE
- SWITCHER
- STEAM/CODECS
- CLOUD/DECODER
- ASK Series Collaboration Solutions

PRO AV

- D Series Digital Processors
- X Series Universal Processors
- M Series Mixing & Scaling
- FLEX Series Mixed Signal Matrix
- Q Series Multi-signal Matrix
- 1 Series Switcher/Scalers
- T Series Control Consoles

Subito Series LED Control Solutions

RMS Series Monitoring Solutions

MSP Series Video Tools/Extenders Signal Converters Signal Distributors

Accessories

Software

Reference

Contact



M1

Mobile + Mixed Signal Streaming from Anywhere to Everywhere

A complete solution, simply connect M1 to any display and start presenting. Front panel console style controls together touch screen display make M1 intuitive and natural in use, even for the new operator.

More than just a video mixer, M1 allows full scaled output to modern displays without to additional equipment. For stage/conference presentations on board features including PIP (picture-in-picture) add powerful capabilities to make use of additional video sources including cameras.

M1 is also equipped with NDI decoding module, which supports up to 4 Gigabit NDI network ports, which can realize high-quality, low-latency, long-distance transmission applications up to NDI | HX2.

While compact in size, M1 brings together essential features for small presentation environments, including audio mix features allowing connection to audio mixers or powered speakers.

M1



Fully integrated video scaling and mixing for everyday

A complete solution, simply connect M1 to any display and start presenting. Front panel console style controls together touch screen display make M1 intuitive and natural in use, even for the new operator.

More than just a video mixer, M1 allows full scaled output to modern displays without to additional equipment. For stage/-conference presentations on board features including PIP (picture-in-picture) add powerful capabilities to make use of additional video sources including cameras;

M1 is also equipped with NDI decoding module, which supports up to 4 Gigabit NDI network ports, which can realize high-quality, low-latency, long-distance transmission applications up to NDI | HX2.

While compact in size, M1 brings together essential features for small presentation environments, including audio mix features allowing connection to audio mixers or powered speakers.

Features

- Up to 4 different input signal modulators can be installed at the same time
- Four modular user fit inputs
- Single channel output on HDMI (optionally SDI)
- Resolution independent configurable output
- Dedicated Multi-View Preview
- Picture in Picture with DSK & Mask effects
- Digital video transition effects
- Pixel-to-pixel scaling engine
- Digital stereo audio processing
- Support for external audio insert and output
- Genlock Y In
- Remote control via XPOSE mobile app.

NDI Decoding

M1 is equipped with NDI decoding module, which supports up to 4 Gigabit NDI network ports, which can realize high-quality, low-latency, long-distance transmission applications up to NDI | HX2.



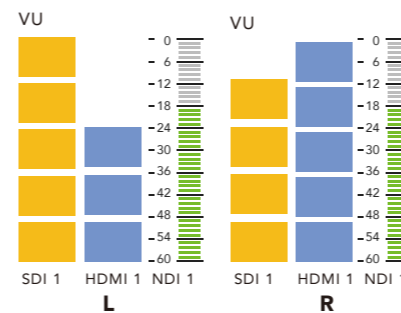
Dedicated Preview

A dedicated HDMI output with multi-view is provided from which both PGM and PST can be monitored, along with input sources and audio levels.



External Display

Bundle with Mobile more than an External Monitor
Android Pad | Phone with OTG, works with TAO, not only as an external monitor, but also streaming encoder without PC engagement.



Mixed Audio

Both embedded and insert audio are supported with separate left/right audio level controls available on the front panel. Audio may be selected independently from the video source. PPM monitoring may be shown on the PVW as visual confirmation of source and output.



Digital Effects

The PIP may have an effect applied – options include masks (with a range built in as well as support for custom masks), DSK/Chroma Key to remove a background colour and variable edge blend, as soften effect to allowing the PIP to merged with the main image.



Transition Effects

There are over a dozen transition effects and wipes built into M1. These may be used via the T-bar or timed from the TAKE button.



Visual Enhancements

Apply a range of visual effects and enhancements with fine grain controls may be utilised for each input. Controls include brightness, contrast, saturation, sharpness and color temperature.



Video Mixing

M1 vision mixer style control panel provides a range of tactile controls including familiar T-Bar and large illuminated buttons for easy of operation.

Modular by Design

Each input is individual and are user fit – choose from a wide range of modular signal options. Modules are highly standardised across the RGBlink range for event greater flexibility.

Input options include HDMI, DVI, SDI, CVBS, USB and NDI more.

Output options are HDMI or HDMI|SDI|USB 3.0 .



*shown with optional input and output modules, support structure for mobile devices are optional, need to order separately – refer specification and options.

STREAMING

- CAPTURE
- SWITCHER
- STEAM/CODECS
- CLOUD/DECODER
- ASK Series Collaboration Solutions

PRO AV

- D Series Digital Processors
- X Series Universal Processors
- M Series Mixing & Scaling
- FLEX Series Mixed Signal Matrix
- Q Series Multi-signal Matrix
- 1 Series Switcher/Scalers
- T Series Control Consoles
- Subito Series LED Control Solutions
- RMS Series Monitoring Solutions
- MSP Series Video Tools/Extenders/Signal Convertors/Signal Distributors
- Accessories
- Software
- Reference
- Contact