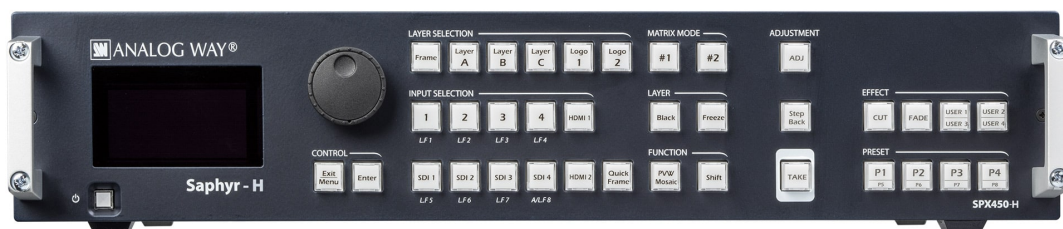




Saphyr - H

Midra Series



#SPX450-H

Ten-input hi-resolution mixer and seamless presentation switcher with four HDBaseT™ inputs, two mirrored HDMI / HDBaseT™ outputs, up to 3 live layers and 2 operating modes.

10 Seamless Inputs

16 total input plugs
2x DVI-D up to 2048x1152@60Hz
4x HDMI up to 2048x1152@60Hz
2x Universal Analog up to 2048x1152@60Hz
4x 3G/HD/SD-SDI up to 2K@60Hz
4x HDBaseT™ (2 with PoE+ 48V 30W). Up to 2048x1152@60Hz. Support of video, embedded audio and Ethernet pass-through

2 Outputs

Configurable either as two independent Program outputs OR as one Program output and one Preview output
2 plugs per output
2x HDMI up to 2048x1152@60Hz
2x HDBaseT™ up to 2048x1152@60Hz. Support of video, embedded audio, Ethernet, bidirectional RS232 and IR
HDMI and HDBaseT™ outputs can output simultaneously



High Performance Video Processing

True-seamless switching technology
Real time image processing and uncompromising video quality
Up to 3 resizable live layers on still background (Switcher mode)
1 resizable live layer on live/still background per output (Matrix mode)
Custom output formats for non-standard display applications
Advanced de-interlacing processing
Pan & Zoom resizing up to 1000%
Layer effects: Chroma/Luma Key, Flying, Zooming and Cropping
Transitions: Fade, Cut, Wipe and Slide
Border & Shadow

Independent Video Output

Configurable as video output or program clone
1x 3G-SDI up to 2K@60Hz
4x BNC for Analog SD TV (CVBS, YPbPR) up to 625/576i

Enhanced Features

8 Memory Presets per output and up to 64 via RCS²
Quick Frame mode: Instantly display a stored frame above all layers
Mosaic Preview mode: 1 live image and 9 images refreshed as fast as possible or 10 images refreshed as fast as possible
Internal test patterns: Select between 9 available test patterns
EDID management on 6 inputs. Ability to read & display outputs EDIDs
HDCP Compliant

Advanced Audio Management

3 modes: Breakaway, Fast Routing and Top Layer
Delay compensation (manual up to 80ms or auto)
Audio input:
DVI (as HDMI) / HDMI / SDI Audio de-embedded
4x Audio stereo Analog (Balanced/Unbalanced)
2x S/PDIF (AES-3id compatible)
Audio output:
HDMI / SDI Audio embedded
2x Audio stereo Analog (Balanced/Unbalanced)
2x S/PDIF (AES-3id compatible)

Simple Setup and Advanced Control



Full-featured and easy to use front panel with large VFD screen

RCS²: User-friendly and intuitive graphic interface

Controllable via a standard TCP/IP or RS-232 serial interface

RK-350: Remote Keypad

SB80-2: Shot Box²

AMX/Crestron drivers