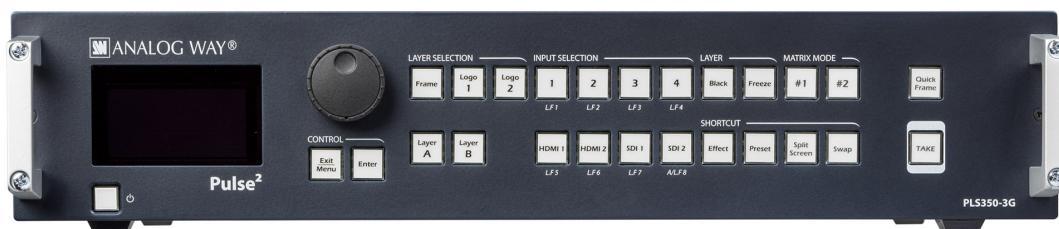# Pulse² - 3G

Midra Series

#PLS350-3G

Hi-resolution mixer and seamless presentation switcher with 10 seamless inputs, 2 mirrored DVI / analog outputs, up to 2 live layers and 2 operating modes.

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8 Seamless Inputs

14 total input plugs
4x DVI-D up to 2048×1152@60Hz
4x HDMI up to 2048×1152@60Hz
4x Universal Analog up to 2048×1152@60Hz
2x 3G/HD/SD-SDI up to 2K@60Hz

2 Outputs

Configurable either as two independent Program outputs OR as one Program output and one Preview output
2 plugs per output
2x DVI up to 2048×1152@60Hz
2x Universal Analog up to 2048×1152@60Hz

High Performance Video Processing

True-seamless switching technology
Real time image processing and uncompromising video

quality
Up to 2 resizable live layers on still background (Switcher mode)
1 live 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 & Slide
Border & Shadow

Independent Video Output

Configurable as video output or program clone
1x 3G-SDI up to 2K@60Hz

Enhanced Features

8 Memory Presets per output and up to 64 via RCS²
Quick Frame mode: Instantly display a stored frame above all layers
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 / HDMI / SDI Audio de-embedded
4x Audio stereo Analog (Balanced/Unbalanced)
2x S/PDIF (AES-3id compatible)
Audio output:
DVI / 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
RCS²: User-friendly and intuitive graphic interface
Controllable via a standard TCP/IP or RS-232 serial interface
Orchestra²: Intuitive and ergonomic controller
RK-350: Remote Keypad
SB80-2: Shot Box²
AMX/Crestron drivers