

The smallest size in the MuPS-4000 series

2M/E Compact Switcher

CSS-400

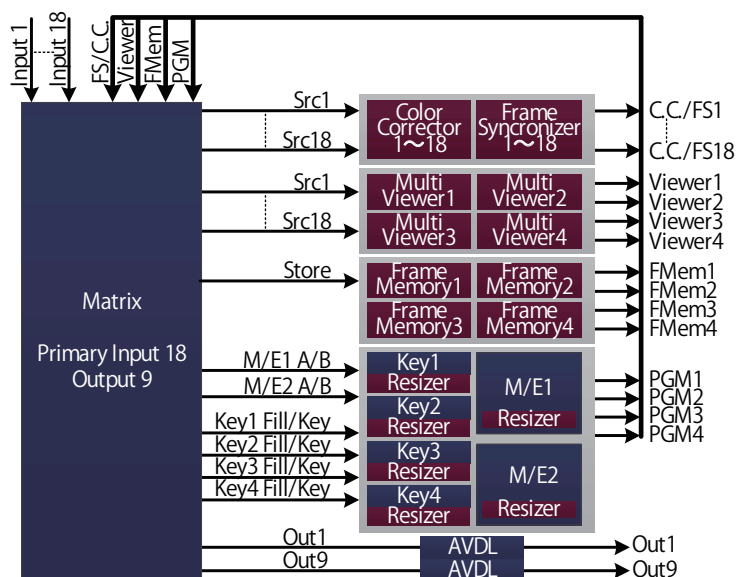
4K



The CSS-400 is a transportable system for small-scale image production, supporting a wide range of applications from simple switching to program production. The 1RU main frame is equipped with 2M/E functions, as well as, peripheral functions such as frame synchronizer, color corrector and multi-viewer. There are two types of console panels, each separate from the main frame. One is for production and the other is for simple switching. The simple switching console is 2RU in height so a total of 3RU height is enough for setup with the main frame. The 290mm depth also contributes to making it a highly compact 2M/E switcher.

Features

- 18 inputs x 9 outputs
- 2M/E+4Keyer+6Resizer (2.5D)
- 4 channels of frame memory
- Able to store up to 32 still images
- Frame synchronizers for all 18 inputs
- Available 4K format
* 4 x 3G-SDI Input / 1 x 4K PGM Output (as a 1M/E, 1Key switcher)
- Built-in Multi-viewer function
- Color Correctors(balance, gamma) for all 18 inputs



Console Panels

Simple Console Type

Production Type



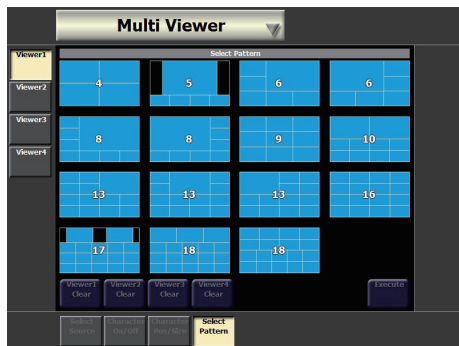
M/E Function

- 2M/E + 4Keyer + 6Resizer
- M/E Mode
 - MIX: Mix / NAM Mix / ADD Mix / Scene Mix / CG Mix
 - Wipe: 46 patterns (Multi / Aspect / Angle / Spin)
 - DFE: approx. 50 effects (Squeeze / Slide / Turn)
- 4Keyer
 - Assignable to M/E1, M/E2 (2Key in each or 4DSK, etc.)
 - Key Type: Linear / Luminance / Chroma Key / PIP
- 6Resizer
 - Transition DFE wipe for M/E1, 2
 - Resizing key program
 - 2.5D with XYZ-axis



Multi-viewer Function

- Select a pattern among 15 fixed layouts.
- Display source name, tally and audio.



- Total 18 windows can be displayed by 4 channels.



Specifications

System Format	• HD: 1080i/59.94, 1080i/50, 1080psf/23.98, 1080psf/29.97 • 3G: 1080p/59.94(Level-A/B), 1080p/50(Level-A/B) * Input: Level-A/B (Auto detect) / Output: Level-A only • 4K: 2160p/59.94(SQD/2SI switchable), 2160p/50(SQD/2SI switchable) * SQD: Square Division / 2SI: 2-Sample Interleave Division		
Input/Output Signal	• HD-SDI (SMPTE292M 1.485/1.001Gbps) • 3G-SDI (SMPTE424M 2.97/1.001Gbps)	Reference Input	BBS(NTSC) 0.429Vp-p ± 6dB or HD3SYNC 0.6Vp-p ± 6dB
Power Requirement	AC85V to 265V(47 to 63Hz)	Ambient Temperature	Operating: 0 to 45°C (32°F to 113°F) Performance: 0 to 40°C (32°F to 104°F)
Power Consumption	200VA or less (Main Frame)	Weight	9kg or less (Main Frame) (19.84 lbs.)

Design and specifications are subject to change without notice.

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