# DV-MFSS-71

## 7 x 1 Multi-Format Glitch-free Scaling Switcher

FSR

Video Products Group




## DESCRIPTION

*Introducing the DV-MFSS-71 from FSR. This 7 x 1 Glitch-free Switcher has been designed to address the needs of the corporate, education, medical, and houses of worship fields. It can be easily operated from the front panel or remotely with a Flex Control System to create a powerful and cost effective switching system.*

*The DV-MFSS-71 features 4 HDMI, 1 Display Port, 1 DVI and 1 HD-15 video inputs. The HDMI inputs are HDCP compliant and accept resolutions up to 4K 2160p (3840x2160) @30Hz. The HD-15 input supports VGA, RGB, and YPbPr input up to 1080p.*

*The DV-MFSS-71 has an HDCP compliant output that supports resolutions up to 4K 2160p (3840x2160) @30Hz. Each of the inputs is scaled to match the output resolution and switching between them is glitch-free and instantaneous, meaning no still frame or black screen during switching.*

*The HDMI, DisplayPort, and DVI inputs have embedded audio along with analog stereo inputs. The VGA also has an analog stereo input. There is an additional analog input that is mixed into the audio output for voice over program applications. All analog audio inputs are via captive screw terminals. The HDMI inputs support 7.1 multichannel embedded audio; Display Port supports embedded stereo audio. The audio can follow the video during switching or can be switched separately in breakaway mode. Audio outputs are available either embedded on the HDMI port, via the multi-channel digital coaxial, or via stereo analog out connectors.*

## FEATURES

- *7 x 1 glitch-free scaling switcher*
- *4 x HDMI, 1 x DisplayPort, 1 x DVI (DVI-I Connector Digital Only), 1 x RGB/YPbPr (HD-15)*
- *Each source input is automatically scaled to match the optimal output resolution*
- *HDCP compliant.*
- *Glitch-free rapid switching between any of the 7 inputs.*
- *Each video input also has an unbalanced stereo audio input via captive screw terminals*
- *Additional Mix Stereo Audio Input Available*
- *Easy-to-use front panel control, Web GUI, IR, RS- 232 and IP control as well.*
- *Can be controlled via FSR's FLEX Touch Panel Control System with pre-made templates available*
- *1 RU Height, 19" width standard enclosure, rack mountable design*

## COLLABORATION SOLUTIONS

*These switchers can be easily integrated with FSR's line of HuddleVU collaboration systems and furniture solutions. They can also be easily controlled via our FLEX Control Systems.*

HUDDLEVU

FLEX

## APPLICATIONS

- *Classrooms*
- *Boardroom / Conference Rooms*
- *Collaboration and Huddle Areas*
- *House of Worship*

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

HDCP

GREEN

*Specifications are subject to change without notice.*

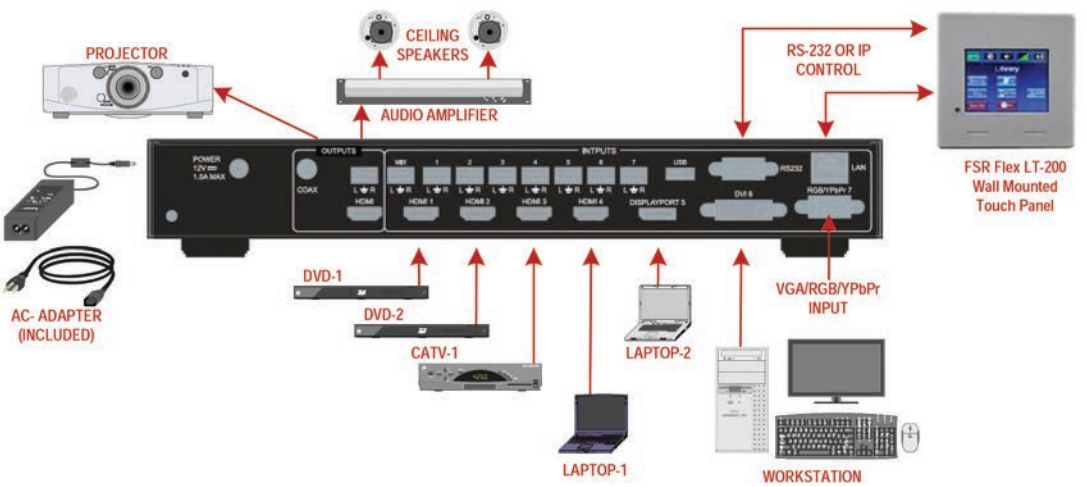

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## SPECIFICATIONS

| | |
|---|---|
| **Supported Formats** | |
| HDMI & DisplayPort Inputs | Supports HDMI 1.4 8/10/12-bit deep color modes<br>Resolutions up to 4K 2160p (3840x2160) @30Hz (300 Mhz)<br>Supports MHL2.0 input resolution up to 1080p<br>DVI operates up to 165MHz (up to UXGA@60Hz)<br>HDMI supports uncompressed Audio Channels (7.1@ 192KHz)<br>HDMI supports Lip Sync<br>Supports embedded stereo audio on Display Port |
| DVI-I Input | Resolutions up to 2560 x 1600 @ 60Hz<br>Display Port v1.2a complaint (Supports HBR)<br>2-channel L-PCM & IEC 61937 compressed audio formats |
| VGA / RGB / YPbPr Input | Up to 1920 x 1440 @ 60Hz |
| Color Space | YUV, RGB |
| Standards Conversion | Converts the input signal to the output EDID<br>(E.G. DVI signal to HDMI, RGB to YCbCr 4:2:2) |
| HDMI Output | 4K 2160p (3840 x 2160) @30Hz, 1920 x 1080 @60Hz, 1280 x 720 @60Hz,<br>1900 x 1200 @60Hz, 1600 x 1200 @60Hz, 1280 x 800 @60Hz,<br>1024 x 768 @60Hz, HDMI embedded audio output |
| Audio Output | Supports Multi-Channel Coaxial<br>Supports stereo analog audio output |
| **Connectors** | |
| Video Input | 4 x HDMI Type A 19-pin, female,<br>2 x DisplayPort (Full Size) 20-pin, female,<br>1 x VGA DB-15 15-pin, female |
| Video Output | 1 x HDMI Type A 19-pin, female |
| Audio Input | 7 Program audio inputs via captive screw terminals<br>1 Mix audio input via captive screw terminals |
| Audio Output | 1 Stereo via captive screw terminals<br>1 x Optical |
| RS-232 | 1 x DB-9, female |
| IP Control (LAN) | 1 x RJ-45 |
| USB (Reserved) | Type A 4-pin, female |
| AC Power | 1 x 12V, Max Current: 1.5A 110~240V AC Adapter |
| **Operational** | |
| Power Input | 110~240V AC |
| Power Consumption | 15W (max.) |
| **Physical** | |
| Dimensions (W x H x D)<br>Unit Weight | 17.3" x 1.7" x 10.7" (440mm x 43.5mm x 272mm)<br>7.3 lbs (3.3 kg) |




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