The XVS-9000 multi format switcher - for large-scale 4K productions*.

*Planned availability in Fall 2018.

• Large capacity for 4K live production
  - Up to 80 inputs and 40 outputs can be supported* in 4K with IP and SDI
  *The number of inputs and outputs varies according to the video interface configuration

• Standards-based IP and SDI interfaces
  - The new 100G IP interface board fully supports SMPTE ST 2110 IP standard. With bidirectional IP media transmission using the 100G IP interface board for the XVS-9000, you can realize efficient network port utilization and cost-effective network system configuration.
  In addition, the new 12G-SDI interface boards can further enhance the flexibility of an IP and SDI hybrid operating environment.

• 4K 3D Digital Multi Effects (DME)
  - With the newly provided 4K DME board, the XVS-9000 offers up to 4 channels capable of floating high-performance 4K 3D DME.

The XVS-9000 also offers the familiar operating style and well-established features inherent in current XVS Series switchers. This includes utilization of the ultra-flexible, fully modular ICP-X7000 control panel.

Features

Large capacity for 4K live production
The XVS-9000 offers up to 80 inputs and 40 outputs in 4K as well as 160 inputs and 80 outputs in HD*, accommodating larger live production requirements.
*The number of inputs and outputs varies according to the video interface configuration.

Standards-based IP and SDI interfaces
Sony’s IP Live Production System with the XVS-9000 continues to deliver efficient and flexible workflows to support two key industry standards – SMPTE ST 2110 media transport and AMWA NMOS Device Discovery – with the new 100G-based IP interface boards. In addition to IP interfaces, the XVS-9000 also supports 12G-SDI interfaces enabling on-board format conversion for every incoming and outgoing video signal. This offers more options for applications such as in-house studios, OB vehicles, and flypacks. These new IP and SDI interface boards are available across the entire XVS Series lineup including the XVS-8000, XVS-7000, and XVS-6000 switchers.

### Features

<table>
<thead>
<tr>
<th>XVS-9000</th>
<th>XVS-8000</th>
<th>XVS-7000</th>
<th>XVS-6000</th>
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</thead>
<tbody>
<tr>
<td><strong>4K</strong> HD</td>
<td>4K HD</td>
<td>4K HD</td>
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<tr>
<td><strong>100G IP (ST2110)</strong></td>
<td>Bi-directional</td>
<td>Uni-directional</td>
<td>Uni-directional</td>
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<tr>
<td><strong>12G-SDI</strong></td>
<td>Input</td>
<td>80 160</td>
<td>80 160</td>
</tr>
<tr>
<td><strong>12G-SDI</strong></td>
<td>Output</td>
<td>40 48</td>
<td>40 48</td>
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*Bidirectional media transmission capability of the 100G IP interface board is provided for only XVS-9000.
Features

4K 3D Digital Multi Effects (DME)
The newly developed 4K DME board offers up to 4 channels of floating 4K 3D DME capability for the XVS-9000. This 4K DME board can also be configured with the XVS-8000 and XVS-7000 switchers (up to 2 channels) and the XVS-6000 switcher (1 channel).

Highly flexible control panel
The XVS-9000 is configured with the XVS Series ICP-X7000 – a fully modular control panel offering a range of configuration and installation options. This panel is configured-to-order to best accommodate virtually any environment and is equipped with OLED displays, LED indicators, and Sony-original LCD button pads as well as programmable RGB XPT buttons for accurate and user-friendly operations.

Resource sharing for multiple productions
With mounting pressure to find operational efficiencies within production workflows, the XVS-9000 usefully supports resource sharing. This contributes to a highly flexible and efficient production environment in which a single processor can be configured to perform multiple disparate tasks. Processor features such as inputs/outputs, mix-effect banks, and more can be allocated to different control panels either within the facility or outside to provide the ultimate in scalable local and/or remote operations.

Specifications

<table>
<thead>
<tr>
<th>M/E</th>
<th>Standard</th>
<th>Up to 1-5</th>
<th>Up to 1-5</th>
<th>Up to 1-5</th>
<th>Up to 1-5</th>
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<tbody>
<tr>
<td>Split</td>
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</table>

| Input** | Up to 80 | Up to 160 | Up to 40 | Up to 160 |
| Output*** | Up to 40 | Up to 80 | Up to 12 | Up to 48 |

| Keyer | Standard | 4 keyers per M/E (2 Full and 2 Sub) | 8 keyers per M/E | 4 keyers per M/E (2 Full and 2 Sub) | 8 keyers per M/E |
| Split |          |                                       |                 |                                       |                 |
| DME | Up to 4ch | Up to 8ch** | Up to 2ch | Up to 4ch |
| 2.5D Resizer (Simple DME) | Every Full keyer | Up to 10 Resizer | Every keyer | Up to 40 Resizer |
| Aux Transition | Cut, Mix |
| Multi Viewer | 4ch (4, 10, 13, 16 splits) | 2ch (4, 10, 13, 16 splits) |
| Processor Size | 15RU | 10RU |

*1 10M/E total in the XVS-9000 and XVS-8000 processor. Up to 6M/E can be controlled per logical switcher.
*2 The number of input and output ports is determined by the selection of option boards and signal formats.
*3 8 channels of HD 3D DME total in the XVS-9000 processor. Up to 4 channels of HD 3D DME can be controlled per logical switcher.

Interface Layout Examples

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Sony Electronics Inc.
115 West Century Road
Paramus, NJ 07652
sony.com/switchers

V-2666 (MK20253V1) Issued in USA (5/18)