



Description

The PROSWITCH-8 is 8 input DVI switcher for DVI and VGA signals. Although we used DVI connectors for better reliability the PROSWITCH-8 is fully compatible with HDMI 1.3. CEC Signals will not be switched through. The switcher is compatible with the HDMI 1.3, HDCP 1.1 and DVI 1.0 standard and supports all HD and PC resolutions from 480i to 1080p and VGA to UXGA.

The unit is compatible with HDMI 1.1 HDCP 1.1 and DVI 1.0 Standards and supports resolutions from 480i to 1080p for Video and PC type signals from VGA to UXGA.

The switcher may be controlled either from front panel, RS-232, contact closures or infrared remote.

The PROSWITCH has some unique features:

Pocket operation:

Any of the 8 DVI inputs has a very powerful automatic EQ for very long cable runs at the input so the pockets may be located up to 70m/230ft away from the switch at full 1080p or UXGA resolution. This was tested with our own [cables](#).

PROSWITCH-8 has real DVI-I inputs so you may as well connect VGA inputs. For ease of usage the PROSWITCH-8 has an automatic detection if VGA or DVI is in use and can signalize this information at an output.

Typical control systems can process this information and switch the display between VGA and DVI input accordingly.

We do not recommend using integrated DVI-I cables because of usual bad quality but using the [DVI-BREAKOUT](#) adaptors we are offering and run the VGA and DVI cable separately.

EDID Management:

Any professional switcher cannot do without EDID management for DVI and VGA inputs. Most modern PC and Laptops even require proper EDID information from the display for VGA operation. Naturally a switcher

connects only one display to a possible of 8 inputs at the time, so the other unconnected inputs need to provide valid EDID otherwise the PC sources would loose picture while switching or even worse do not output a picture at all.

If you want to learn more about EDID management [click here](#).

In fact the PROSWITCH-8 has virtually 8 [DVI-FIX](#) built in.

For faster and easier setup of the unit, it is possible to have the EDID of input 1 to be copied to all other inputs. It would be still possible to have individual EDID settings for each input. Up to 6 EDID modes may be selected including 2 x 3D EDID settings.

Integrated Audio switching:

To make your life easier we have 8 assignable stereo audio inputs with volume control. In smaller installs the PROSWITCH is all you need to drive your amp directly from the switcher.

Digital audio switching:

If it happens that you want to use the PROSWITCH-8 in a home theater installation or a system where a 5.1 sound system is installed you can use any of the 4 coax SPDIF inputs and assign them to any of the 8 HDMI/DVI inputs.

The unit cannot embed or deembed audio to the HDMI signals, if that is needed we offer external cost effective units like the [HDMI-REPDEC](#).

Operation:

Focused on the most demanding applications we are offering front panel control, inputs selections using 8 contact closures, RS-232 control and Infrared remote. The front push buttons leave space for labelling making the unit even usable for live acts.

The IR codes may be learned with all universal remote controls that are on the market

Inputs:

- 8 DVI-I Inputs
- Integrated VGA Switching up to 350 MHz
- 8 channel Stereo Audio Inputs (RCA)
- 4 Coaxial SPDIF Inputs (RCA)

Outputs:

- 1 DVI-I output
- Reclocking and output driver for DVI output
- Stereo Audio output with volume control
- Coax Audio output

Special features:

- Cable EQ for each DVI input
- EDID Management for VGA and DVI
- Automatic detection of VGA and DVI
- Signalling of VGA or DVI input via contact closure
- 8 contact closures for remote input selection
- Assignable audio inputs both digital and analog
- EDID Managements assures reliable switching
- Supports Deep color and HD Audio

Operation:

- Configuration using LC-Display and push buttons
- RS-232 control (AMX, Crestron)
- Infrared remote
- 8 Contact closures for remote switching
- 19 inch Rack mount