

875 750 HDMI 4K Matrix Switcher 6/6

Common description with basic functions

The TLS HDMI 4K Matrix Switch 6/6 is a matrix for HDMI 1.4 signals from six input sources to six output sources.

On every input the incoming HDMI signals will be refreshed automatically to HDMI 1.4 standard.. At the output the HDMI signal will be compensated according to the transfer size of the cable, so the presentation will in brilliant and professional quality.

The controlling of the matrix is done with the IR remote control, which comes with the shipment. Or it can be done with the push-buttons on the front side of the matrix. The controlling by RS232 and TCPIP is also available.

The 4K Matrix 6/6 is equipped with a wide EDID management system, which enables a discret EDID data for each of the input channels.

Usage and controlling

The HDMI 4K Matrix Switcher 6/6 is a matrix for HDMI 1.4 signals from six input channels to six output channels. The sophisticated EDID management system is able to adjust the best EDID data for every input channel. The selection of the inputs and outputs can be done with push-buttons on the front side, assisted by the status LED. It can also be done by the IR remote control, with RS232 codes and with TCPIP.

According to the HDMI 1.4 standard, the matrix is able to work with lip-sync audio, 3D video, 30bit colour depth and a lot of other useful features up to 4K

The matrix refreshes a weak HDMI signal from the input automatically, brings it up to HDMI 1.4 standard, and transfers it to the selected output for the reproducer.

The matrix is designed to work with long HDMI cables. Especially in combination with the professional TLS HDMI cables the transfer size of the cables can reach up to 25m on the input side and on the output side without any further cable equalizer.

The EDID management with its easy to use handling guarantees a quick and secure selection of the best EDID data for every input channel to enable a professional presentation on any reproducers.

The HDMI 4K Matrix 6/6 is build in an aluminium enclosure and is a cost effective and practical device for switching and distributing a HDMI signal up to a resolution of 4K

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Installation and operating voltage

The HDMI 4K Matrix Switcher 6/6 is build in a robust aluminium enclosure and can be integrated in every wall-cupboard, in the blanket or in every 19" rack. The mounting brackets for the 19" rack are included in the shipment.

The operating voltage of the HDMI 4K Matrix is feeded from an external power supply.

Common

The HDMI 4K Matrix Switcher 6/6 is constructed and equipped with electronic components of newest technological standard and complies to the European regulations for fire, smoke and environment protection . The device guarantees excellent transmission with all EDID data for brilliant quality. Because of low latency you will work in a professional mode. The device is developed for all kinds of AV-systems with long-range HDMI cables or to improve the quality of non professional HDMI cables. It is designed and assembled for the professional usage for the points of connection in every conference- training- and meeting-room for every AV equipment and reproducers