

875 230 HDMI 4K Splitter 1/4

Common description with basic functions

The TLS HDMI Splitter 1/4 is a distribution amplifier for HDMI signals from 1 source up to 4 outputs. The device is equipped with an intelligent EDID management and guarantees the professional splitting and amplification function up to 4K resolution.

The incoming and outgoing signals will be refreshed and compensated from the device. So the HDMI signal runs with brilliant quality to all sinks, independent from different transfer sizes of the outgoing cables.

Usage and Controlling

The HDMI 4K Splitter 1/4 is a distribution amplifier for one HDMI input and 4 HDMI outputs. The device is equipped with an intelligent EDID management, which looks for the EDID data from all sinks and sends the best suitable EDID data to the source. Therefore all sinks get the best resolution to show the content. Because of this intelligent EDID management there is no preferred output.

The device is HDCP compliant and sends HDCP key to the source. According to the video standard HDMI 1.4, the device is able to work in a lip -Sync mode, 3D transmission and all other specifications of HDMI 1.4. The distribution amplifier refreshes the signal at the input to the HDMI standard if there is a weak HDMI signal and transmits it to all outputs. All outputs can be compensated to work with length of the outgoing cables. The possible transfer size of the outgoing cables also depends on the quality of the cables. If there is professional TLS HDMI cable the possible transfer size will be 25m and the possible length with 4K resolution will be 20m with TLS HDMI cable. (see TLS cable matrix)

The HDMI 4K Splitter 1/4 is designed with an aluminium enclosure and is a cost effective and practical device for splitting and refreshing HDMI signals for a short or long transfer size.

Installation and operating voltage

The HDMI 4K Splitter 1/4 is built in a robust aluminium enclosure and can be integrated in every cable duct, on the wall, in the blanket or in every 19" rack. The operating voltage of the 4K switch/splitter is fed from an external power supply.

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Common

The HDMI 4K Splitter 1/4 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