

## 875 222 HDMI 4K Switch / Audio 4/1 MHL

### Common description with basic functions

The TLS HDMI 4K Switch 4/1 MHL is a switcher for HDMI signals from 4 sources at the input to one output. The EDID informations are handled passthrough to all four sources.

At the input all incoming signals will be equalized to the HDMI1.4 standard. At the output the HDMI signal will be controlled depending on the length of the cable. So the presentation will be successful.

The controlling of the switcher is done with the IR remote controller, which comes with the shipment. Or it is done with the controlling button on the front side of the enclosure. If you work with the automatic signal detection, you do not need the controlling button.

With the build-in MHL function on input no.4 it is possible to support the MHL function off all compatible smartphones.

### Usage and controlling

The HDMI 4K Switch 4/1 MHL is a switcher with 4 HDMI inputs and 1 HDMI output. The EDID data runs passthrough from the connected sink to all inputs. The selection of the inputs can be done safely with the controlling button on the front side, with the IR remote controller or with the automatic signal detection

According to the standard HDMI 1.4, which runs on the device, all functions like lip-Sync, 3D and a lot of useful audio- and video functions up to 4K resolution are possible.

If the input gets a weak HDMI signal, the switcher is able to equalize the signal to the HDMI standard and sends the correct signal to the output.

The input no. 4 is equipped with the MHL functionality, so the user can connect his compatible smartphone to input no.4 and can start the presentation from his smartphone directly to the projector.

The build-in audio-deembedder extracts the audio signal from the HDMI signal and sends it digital to the SPDIF ports, both analog and digital, or sends it out analog from audio L/R up to audio 7.1.

The 4K switcher is constructed in an aluminium enclosure, and with all his functions it is a cost effective and useful device to handle the HDMI signal and the corresponding audio signal.

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### **Installation and operating voltage**

With its robust aluminium enclosure the 4K switcher can be integrated in all cable ducts, for on-wall installation, in the blanket or in a 19" rack. The switcher is driven by an external power supply.

### **Common**

The HDMI 4K Switch 4/1 MHL 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.