

## 850 921 HDMI Signal Manager

### Common description with basic functions

The HDMI Signal manager is a universal device for the amplification of digital signals (TMDS), which can be used for the transmission of HDMI signals from Laptops, DVD, Blu-ray players to a reproducer like projectors, monitors or TV-screens. The device works as a reclocker to rebuild the integrity of the signal and also as a EDID manager for manual controlling of ten different sets of EDID data for the connected source. The signal manager is also an audio-embedder and audio-deembedder to enable a professional usage of audio signals..

The HDMI Signalmanager is a cost effective and reliable connection device in all AV installations with HDMI signals. Also it is a helpful and essential tool for every AV technician.

### Usage and controlling

The HDMI Signal Manager, as an amplifier and equalizer, must be placed at the end or in the middle of the cable harness. The device can work with HDMI cables of 35/25m length and can compensate the signal. The function reclocking is able the resync the HDMI signal. With reclocking at adequate intervals, and rebuilding the stable, original signal clock, jitter can be completely overcome. This function works for a professional quality of the HDMI signal.

The whole HDMI signal will be transferred and all EDID data will be send to the source (EDID passthrough). Up to the different sets of EDID data can be selected with four DIP switches. This enables a faultless function if you work with critical or con compatible equipment between the source and the sink.

The function audio-embedding or audio-deembedding is selected with a 2pin DIP switch on the side of the enclosure. With the audio-deembedder, the audio part of the incoming HDMI signal can be extracted to an analog and a digital output. With the audio-embedder, a additional analog audio signal can be integrated in the HDMI signal. It runs to the output HDMI and to the outputs analog and digital audio.

The HDMI Signal Manager is build in an aluminium enclosure. It is a cost effective and useful device for transmitting HDMI signals.

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### Installation and operating voltage

With the robust aluminium enclosure the HDMI Signal Manager can be build in every cable duct, on the wall, in the blanket or in a 19" rack. The required operating voltage comes from an external power supply.

### Common

The HDMI Signal Manager 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.