

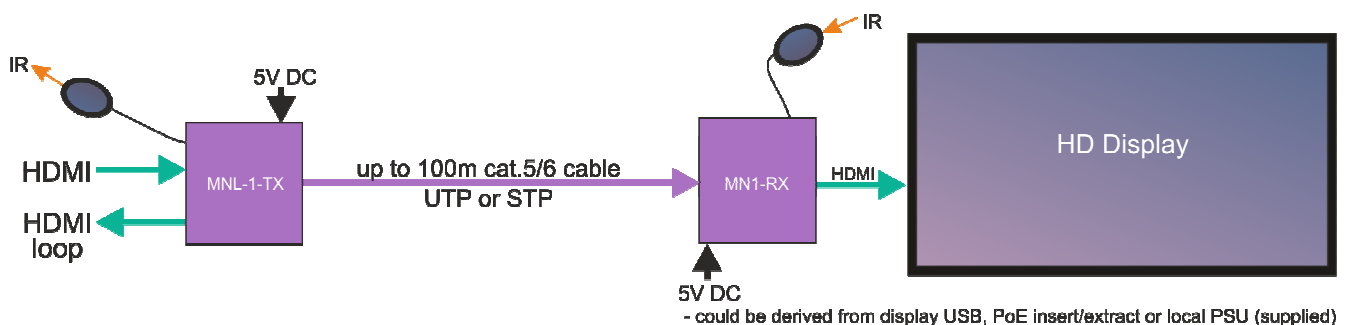
mauveNet

Network-compatible HDMI extender with IR and loop-thru



- HDCP-compliant HD or SD resolution
- 100m UTP or shielded cat.5/6
- Plug and play install
- Will pass through network switches and fibre
- Loop-thru at Tx end
- IR control

mauveNet system connectivity



overview

mauveNet uses MPEG-type compression and IP technology to deliver HD AV signals on cat.5/6

Compatibility and resolutions

mauveNet can be used for standalone Tx/Rx connectivity or the signal can be split using low cost ethernet switches and delivered to many screens. mauveNet is compatible with fibre media converters for long distances or for transport in risers where fibre is often the only option. mauveNet is compatible with both unshielded and shielded cat.5/6 cable infrastructure making it usable in situations where other technologies may suffer from interference and/or interfere with other systems.

HDCP compliance ensures that mauveLink will deliver Blu-ray and HD satellite content without any issues at the following resolutions: 480i/p 50/60Hz, 576i/p 50Hz, 720p 50/60Hz, 1080i/p, 50/60Hz. With appropriate adapters, DVI signals can also be passed. 4K is not supported.

AV quality is excellent with minimal compression artifacts

latency

Due to the efficient encode/decode algorithm, there is just under 1 second of latency from end to end. There will be a corresponding delay in any IR commands as a result.

IR control

20-60khz IR devices are supported in the upstream path. A delay of just under 1 second will be noticed

power

5V power is required at each end of the system. This can be derived from the 5V PSU supplied or from USB or PoE insert/extract systems. Tx: 770mA, Rx: 460mA

ordering

Tx/Rx combo with PSU
IR accessories
Optional fig-8 lo-pro PSU
HDMI cable (1m)

MN-1-KIT
MN1-IR-KIT
PSU-5/C8/2.5A/2.1
CAB-HDMI-1.0

dimensions

Tx and Rx unit:

119x84x23mm



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14 March 2016 mauveNet 1