

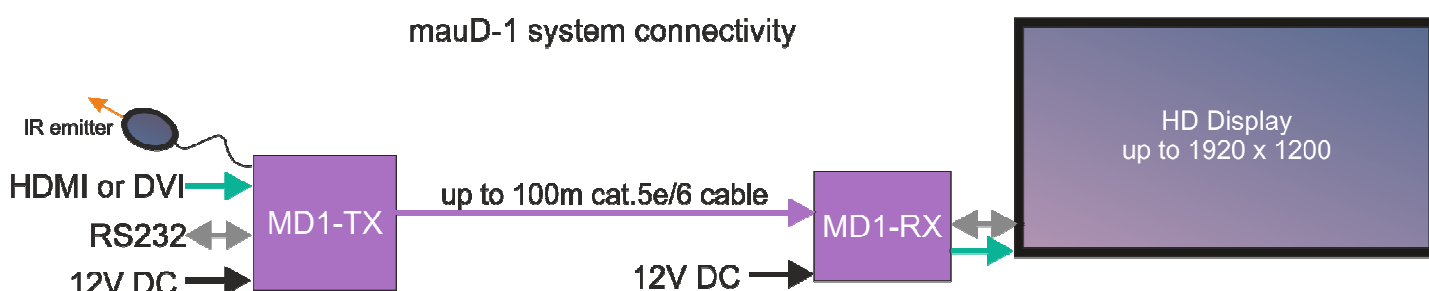
mauD-1 — lower cost ECO version

HD-base-T connectivity system for HDMI or DVI on cat.5/6



- 0-100m cat.5/6 cable
- Plug and play operation
- 1080P to 100m on a single cable
- RS232 and IR control
- HDCP compliant
- Corporate, retail, leisure, etc

mauD-1 system connectivity



overview

The mauD-1 system (pronounced "mode-1") is now a well-proven solution for delivering digital HD signals on a single cat.5e or cat.6 cable.

mauD-1 is already delivering HD movies to over 120 UK cinema screens, DVI signals to a 68 screen control room videowall and was trusted to deliver video to the Arcadia stage at Glastonbury 2013 in a hostile environment via 95 metres of cable.



compatibility and resolutions

Resolutions of up to 1920x1080 are guaranteed for cat.6 cable lengths of 100m. HDCP compliance ensures that mauD-1 will deliver Blu-ray and HD satellite content. Although HDMI connectors are fitted, the

mauD-1 system can pass DVI signals equally well via a low-cost adapter

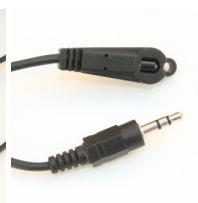
Cat.5e has also been successfully tested at 100m/1080P although it has been found that cat.5e cable quality varies widely. Shielded cat.6 cable is recommended. In practice, installers have used unshielded cat.5e with success.

RS232 and IR

Bi-directional RS232 control can be passed as well as return IR from Rx to Tx. An IR sensor is built in to the Rx unit with the option for a remote sensor if needed. At the Rx end 2 types of IR emitter area available: a small, low power stick-on emitter for individual AV system control and a cabinet mountable emitter for controlling multiple AV systems.



Low-power stick-on IR emitter



Remote IR sensor



Cabinet mount IR emitter

Power

Generously over-spec'd 12V DC power supplies are supplied as standard. The standard PSU has a standard 2.5mm connector with a screw-lock upgrade available at extra cost. A high power PSU with a 1:6 DC splitter cable is available for systems which could benefit from reduced clutter

dimensions

width: 142mm x 75mm x 25mm

ordering

The mauD-1-KIT has been replaced by the lower cost mauD-1-KIT/ECO. This is bulk-packed and includes the TX, Rx and two PSUs. Other accessories are available to suit your application. This approach reduces both cost and waste.

Basic system: Tx, Rx, 2 x PSU
Low power stick-on IR emitter
IR emitter for cabinet door
Remote IR sensor option
1m HDMI cable
Screw-lock PSU upgrade
IEC inlet PSU for up to 6 systems
1:6 DC splitter cable

mauD-1-KIT/ECO
MIR-01
MIRD-01
MIRS-01
CAB-HDMI-1.0
PSU12/2.5sc/mult
PSU12/IEC/5/2.1
DC-SPLIT-6/2.1/2.5

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