

mau-jo Tu-1A-FP

HD VGA transmit interface for floorplate / wallplate mounting



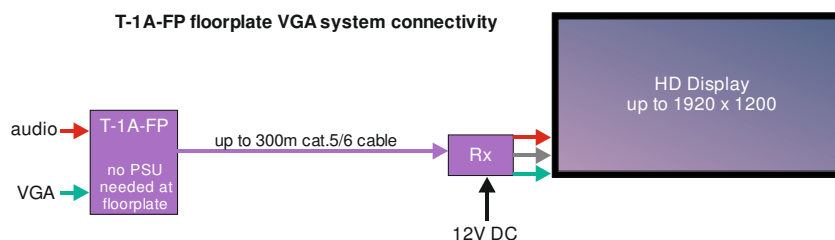
- models covered: Tu-1A-FP

Key features

- Converts VGA and stereo audio signals to cat.5/6 format
- Transmits up to 300m on a single cable
- Can be powered from the cat.5/6 cable or locally
- Minimal space required below floorplate
- Fully enclosed design
- Low power, mau-jo-compatible design
- Designed by MauveCom, made in UK



T-1A-FP floorplate VGA system connectivity



Floorplate mounting

The Tu-1A-FP has been designed to minimise the depth required below the floorplate. It will also fit in a dual gang faceplate, etc. Due to the wide range of floorplates and wall plates available, the T-1A-FP is supplied without the actual plate. Contact MauveCom for info on current availability

overview

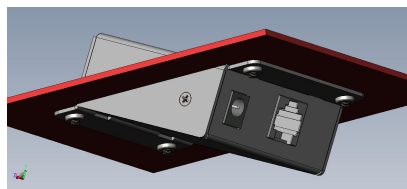
The Tu-1A-FP is a very compact VGA + audio transmit interface housed in an enclosure designed for mounting behind a floorplate or wallplate. It is compatible with the mau-jo range of high definition VGA receive units as well as the lower resolution, obsolete Duplicat range.

vga

Red, green and blue colours are encoded along with H and V syncs on a single UTP or STP cat.5/6 cable. All resolutions of up to 1920 x 1200 are supported with true sync polarity maintained.

audio

Stereo audio signals at line level are digitized and transmitted on the same UTP/STP cable. Thanks to high sample rates and 24 bit resolution, the audio quality received at the other end is excellent.

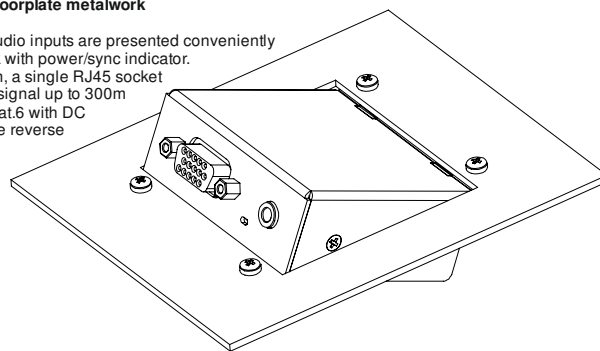


power

In most applications, the Tu-1A-FP will derive power from the mau-jo receive unit at the other end of the cat.5/6 cable. This eliminates the need for a PSU at the desk or under the floor. 12V at 200mA is all that is required although a 2000mA unit is supplied for long term reliability.

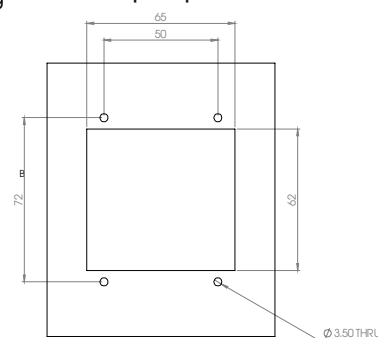
Tu-1A-FP floorplate metalwork

VGA and audio inputs are presented conveniently above deck with power/sync indicator. Underneath, a single RJ45 socket carries the signal up to 300m via cat.5e/cat.6 with DC power in the reverse direction



Dimensions are provided showing the aperture size required. Four M3 screws are all that are needed to secure the Tu-1A-FP in place.

T-1A-FP floorplate aperture detail



product specs

Dimensions:

Total length on floorplate: 84mm inc flanges
Total width of floorplate: 65mm
Total depth below floorplate: 26mm
Power: 12V DC 2.1mm centre +ve