

mau-jo T-1 & T-2 range

High definition VGA cat.5 transmit interfaces



- models covered: T-1, T-1A-RS, T-1A-2RS, T-2, T-2A-RS

Key features

- Converts VGA to cat.5 for transmission up to 300m
- Improved, backwards-compatible with Duplicat systems
- 1 o/p & 2 o/p versions (T-1 & T-2)
- Improved video performance and high-reliability
- custom rugged aluminium enclosure
- Low power design
- Made in UK



Overview

The T-1 and T-2 are part of the *mau-jo* range of easy-to-install professional cat.5 interfaces for VGA signals. The T-1 or T-2 are designed to convert the VGA signal from a PC in to a form which can be transmitted over long distances of cat.5 or cat.6 cable. The *mau-jo*-encoded signals are then converted back to VGA using a *mau-jo* receive interface. The T-1 has a single RJ45 output, The T-2 has two RJ45 outputs. Both models transmit DC power down the cat.5/6 cable for the *mau-jo* receiver. There are also versions with audio and RS232 functions

Mau-jo will also work with legacy 'duplicat' systems in old installations. Resolutions of up to 1920x1200 are guaranteed although the duplicat system was not designed for such modern resolutions

There are no set-up adjustments or configuration required

Audio

The audio-enabled versions of the T-1 and T-2 receiver allow high quality stereo audio to be delivered to displays.

RS232

RS232 is supported in both directions on the T-1A-2RS. Downstream RS232 is carried on the T-1A-RS and T-2A-RS. RS232 is useful for touchscreen interfaces and to control displays remotely

Power

The T-1 and T-2 are usually powered locally so that no PSU is required at the display end. But, thanks to low power design techniques the T-1 and T-2 can be powered via the cat.5 cable from the display end if required. The 12V 2A PSU supplied is massively over-rated to ensure cool running and a long life

Product options and ordering codes

T-1 single output versions

VGA only	T-1
VGA+ audio + RS232 (1-way)	T-1A-RS
VGA + audio + RS232 (2-way)	T-1A-2RS



T-2 dual output versions

VGA only	T-2
VGA+ audio + RS232 (1-way)	T-2A-RS

Product specifications

Dims	115mm x 76mm x 24mm
Power	12V DC 100mA nominal
Audio	stereo line level. Digitised to 24 bits for transmission
RS232	19.2kbaud max
	'RS' versions downstream Tx only—no crossover
	'2RS' versions Tx and Rx—no crossover

