mau-jo RM-110 range

High definition VGA cat.5 receive interfaces for 0-110m cable

MauveCom

- models covered: RM-110, RM-110A, RM-110A-RS, RM-110A-2RS

Key features

- Full HD compatibility
- Improved, backwards-compatible with Duplicat systems
- Improved video performance and high-reliability
- custom rugged aluminium enclosure
- Low power design
- Line powered

Overview

The RM-110 is part of the *mau-jo* range of professional cat.5 VGA extenders. The RM-110 typically sits behind a VGA display to convert *mau-jo*-encoded VGA (RGBHV) video signals back into their original VGA form. It has a cat.5 RJ45 input and a VGA output. 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

The RM-110 is simple to set-up. A single 4-position sharpness switch gives excellent results for cable lengths of 0 to 110 metres.

Skew correction is not provided. For this and for cables up to 300m, please contact MauveCom.

Audio

The audio-enabled versions of the RM-110 receiver allow high quality stereo audio to be delivered to displays.

RS232

RS232 is supported in both directions (Tx and Rx) on the RM-110A-2RS versions and in downstream only in the RM-110A-RS. This enables the use of touchscreen interfaces and to control displays remotely

Power

The RM-110 range uses low power design techniques to enable powering via the cat.5 cable. This means that no PSU is needed at the display end. If preferred, the RM-110 can be powered locally and used to power the T-1 transmit interface at the other end of the cat.5

Driving 2 screens

The RM-110 can be used to drive 2 screens in back-to-back installations when used with the VGA-SPLIT-2 product. No further PSU is needed

Product options and order codes

VGA only -	RM-110
VGA + audio -	RM-110A
VGA+ audio + RS232 (1-way)	RM-110A-RS
VGA + audio + RS232 (2-way)	RM-110A-2RS

Product specifications

Dims	115mm x 76mm x 24mm
Power	12V DC (typ line-powered) typ 100mA
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

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