

PremierView-TTL

Industrial LCD Monitors for CGA, EGA and 3-bit/BBC TTL Video

Calibre specialises in high performance LCD display solutions for industrial, OEM, military and aerospace applications. PremierView monitors feature flexible signal capability, excellent motion reproduction and accurate, artifact free image re-sizing.

Calibre's PremierView-TTL is a very high performance TFT-LCD display. Based around Calibre's proprietary PremierView4 LCD driver technology, it is able to connect directly to CGA, EGA and BBC Micro TTL video signals, giving excellent image quality.

High performance scaling algorithms work without compromising image quality or resolution irrespective of the signal resolution implemented.



PremierView-TTL features a 9-pin D connector for direct CGA and EGA signals. A DIL switch allows selection between 3, 4 & 6 bit data formats for the CGA/EGA input channel. A 6-pin DIN connector is provided for direct connection of 3-bit/BBC Micro signals, this input channel includes automatic detection of interlaced and non-interlaced operation depending on the BBC graphics mode in use.

Automatic signal detection is provided together with an on-screen menu system is provided to allow the installer to further optimize the image quality if desired

PremierView18TTL uses a high resolution 18.1" 1280x1024 TFT LCD, PremierView15TTL uses a 15" 1024x768 TFT-LCD panel. Both provide bright, sharp, high-contrast images from your legacy TTL graphics system.

PremierView18TTL and **PremierView15TTL** are industrial quality metal cased display units fitted with anti-glare, anti-scratch protective front windows.

The very sturdy metal case incorporates side mounting points for console mounting and also can be fitted to an optional desk stand with adjustable height, tilt and swivel.

The 15" model only is available with an optional 19" rack-mount adapter.

Power requirement is 12VDC, an optional 115/230VAC PSU is available.

Technical Information

18.1" Model:

LCD Specification:

Viewable image size 46cm/18.1" nominal.
Panel resolution 1280x1024.
Colour depth 8 bits per colour, 24-bits total.
Viewing angles 85deg L/R/U/D typical,
Panel brightness 270cd/m² nominal
Panel contrast ratio 400:1 nominal

Signal compatibility:

Input 1: 9-Pin D socket, accepts 3, 4 or 6 bit TTL graphics signals with separate H & V TTL syncs, conforming to CGA or EGA VESA timing formats.

Input 2: 6-Pin DIN socket, accepts 3-bit TTL graphics signals with composite negative polarity TTL sync, in 15.625KHz 50Hz or 15.75KHz 60Hz interlaced or non-interlaced formats including all BBC Micro compatible formats.

Mechanical information:

Size approx. 442mmx389mmx66mm.
Weight approx. 7.5Kg.
Steel case with black texture powder-coat finish.

Power requirement:

12VDC at approximately 70W.
Optional 115/230VAC mains PSU available.

24VDC model available to special order.

Ordering Information:

Monitor - 48ELCD26TLIM3
Power Supply – SPU70
Desk Stand – DTM3

15" Model:

LCD Specification:

Viewable image size 38cm/15" nominal.
Panel resolution 1024x768.
Colour depth 6 bits per colour, 18-bits total,
Viewing angles 70 deg L/R, 55U/60D.
Panel brightness 250cd/m² nominal.
Panel contrast ratio 300:1 typical.

Signal compatibility:

Input 1: 9-Pin D socket, accepts 3, 4 or 6 bit TTL graphics signals with separate H & V TTL syncs, conforming to CGA or EGA VESA timing formats.

Input 2: 6-Pin DIN socket, accepts 3-bit TTL graphics signals with composite negative polarity TTL sync, in 15.625KHz 50Hz or 15.75KHz 60Hz interlaced or non-interlaced formats including all BBC Micro compatible formats.

Mechanical information:

Size approx. 366x307x61mm
Weight approx. 5Kg.
Steel case with black texture powder-coat finish.

Optional 19" rack-mount adapter available.

Power requirement:

12VDC at approximately 45W.
Optional 115/230VAC mains PSU available.

24VDC model available to special order.

Ordering Information:

Monitor - 38XLCD16TLGM3
Power Supply – SPU70
Desk Stand – DTM3
Rack Mount – RK15M3

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