

# FLAT PANEL MONITORS

**39LWC19DMA01**

**TFT-for-CRT Chassis Monitor**

## DISPLAY

Type: AM Colour TFT  
 No. Colours: 16 million  
 Max. Resolution: 1280 x 1024 pixels  
 Active Display Area: 376 x 301 mm  
 Backlight Life: 50,000 hours typical  
 Brightness: 250cd/m<sup>2</sup> typical  
 Contrast Ratio: 1000:1 typical @ CR≥10  
 Viewing Angles: 89° Left; 89° Right  
 89° Up; 89° Down  
 Response Time: 10ms average, typical

## SIGNAL INPUTS

RGB Signal : Analog RGB 0.7-1.0Vp-p  
 Or TTL >2.75Vp-p  
 Input Connectors: 9D, 15D, BNC x 5  
 Sync. Type/Level: Separate H&V (+/-ve) TTL  
 or Composite (-ve) TTL  
 or Sync-on-Green (-ve) 0.3V  
 Slow Scan Support: Pre-programmed Analog or TTL  
 (see table examples) inputs in 15-40kHz range  
 Fast Scan Support: 1280 x 1024 SXGA  
 1024 x 768 XGA  
 800 x 600 SVGA  
 640 x 480 VGA  
 Horizontal Scan: 15-80kHz  
 Vertical Scan: 40-100Hz  
 Controls: Brightness, Contrast, H/V Position  
 (On Screen Display) & Size, Frequency, Frequency Fine  
 buttons at front)

## POWER INPUTS

AC Model: 110/230Vac  
 Connector: 3 pin Euro Plug  
 DC Model: 12Vdc or 15-30Vdc  
 Connector: 3 pin Circular  
 Power Consumption: 50W Max.

## PHYSICAL/ENVIRONMENTAL

Dimensions (approx): 447 x 360 x 347mm  
 Weight (approx): 4.5 Kg.  
 Housing: Painted Aluminium (Black)  
 Operating Temp: 0 to 50°C  
 Storage Temp: -20 to 60°C

## PART NUMBERS

Standard Model 39LWC19DMA01

## CRT Monitor Replacement



- 19" CRT Chassis Monitor dimensions
- Uses 19" TFT Panel
- CGA/EGA/VGA – SXGA compatible
- Programmable for Legacy signals
- 110/230Vac or 12/24Vdc operation
- Adjustable Tilt Positions 0° / 5° / 10° / 15°
- Toughened Safety Glass for TFT protection Optional Remote OSD controls

The **39LWC19DMA01 Series** of LCD monitors has been designed primarily for Slow Scan Legacy Systems as replacements for CRT monitors. They utilise a modern SXGA TFT (1280 x 1024 pixels) panel and a KME-designed Analog-Digital interface board. All elements, including a toughened glass protection screen, have been packaged in a Black metal housing of 338mm width. This series features OSD controls on the rear of the monitor.

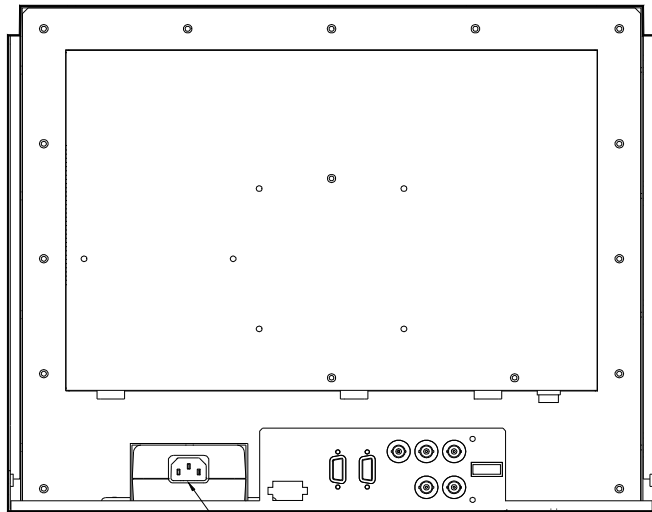
By special development of their own Signal Recognition and Scaling software, and access to an extensive library of older signal timings gained from 25+ years of CRT monitor manufacturing, KME has created a Universal flat panel monitor with unique 15kHz to 60kHz display capabilities. Some common Slow Scan Signal timings are factory pre-set. New ones may be added on request. Other signals, which are close to those listed, will give a display but some adjustment may be necessary for full screen performance. The final settings can be easily stored for future use.

H. kHz	V. Hz	Pixels	H. kHz	V. Hz	Pixels
15.625	50	714 * 288	15.63	50	560 * 275
15.63	60	808 * 238	15.72	60	564 * 240
15.72	60	508 * 240	15.72	60	604 * 240
15.72	60	640 * 200	16.10	50	564 * 304
16.276	70	640 * 220	16.79	70	577 * 215
17.85	50	508 * 338	21.83	60	640 * 350
20.65	50	640 * 384	24.78	60	640 * 384

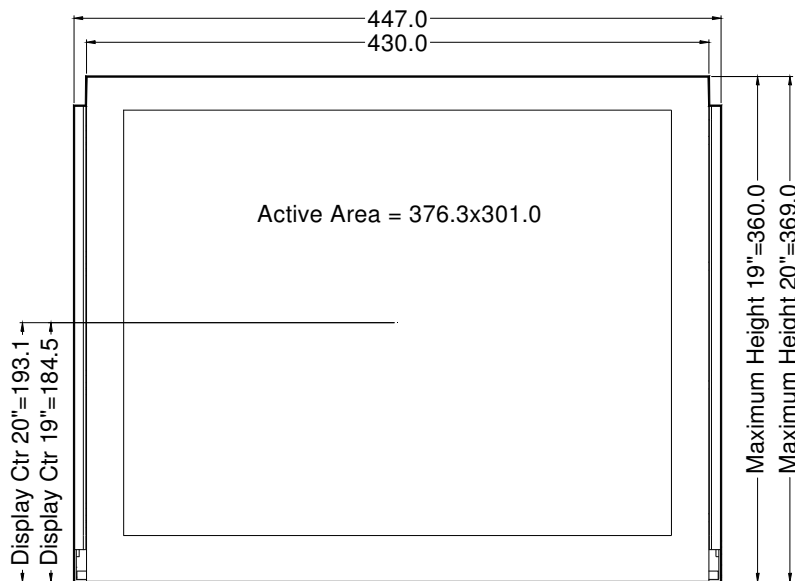
Due to a policy of continuous product development KME reserves the right to change specifications and descriptions without prior notification. All trade marks acknowledged.  
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REAR VIEW

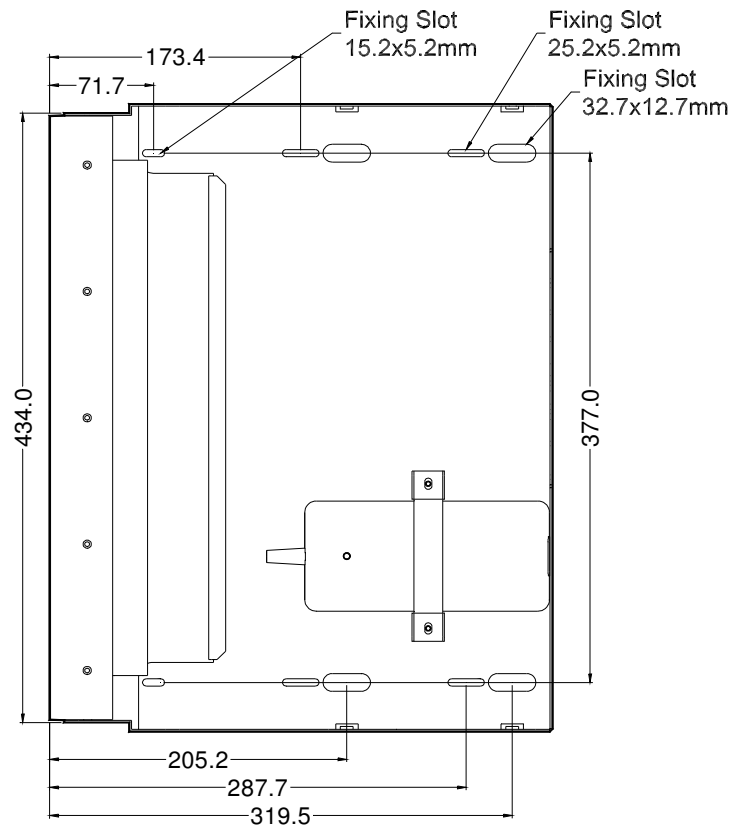


FRONT VIEW

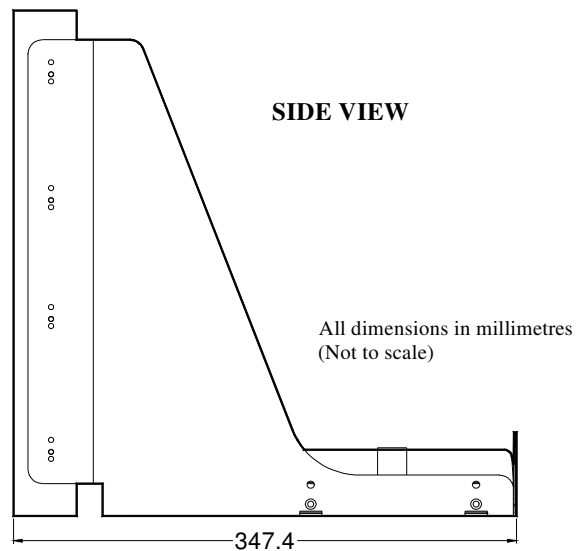


REAR VIEW

TOP VIEW



SIDE VIEW



TOP VIEW

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