FLAT PANEL MONITORS

39LWC21DMA01 ***TFT-for-CRT Chassis Monitor***

CRT Monitor Replacement

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/m² 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: (see table examples)	Pre-programmed Analog or TTL 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: (On Screen Display) Buttons at front)	Brightness, Contrast, H/V Position & Size, Frequency, Frequency Fine

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

PART NUMBERS

Standard Model	39LWC21DMA01

- **21" 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 **39LWC21DMA01 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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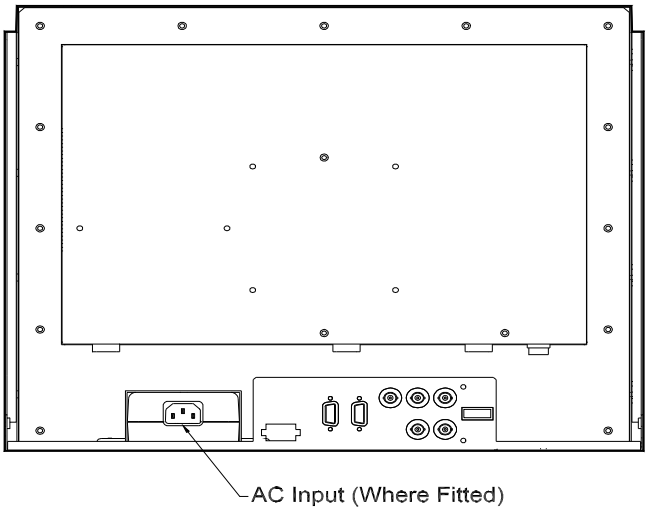
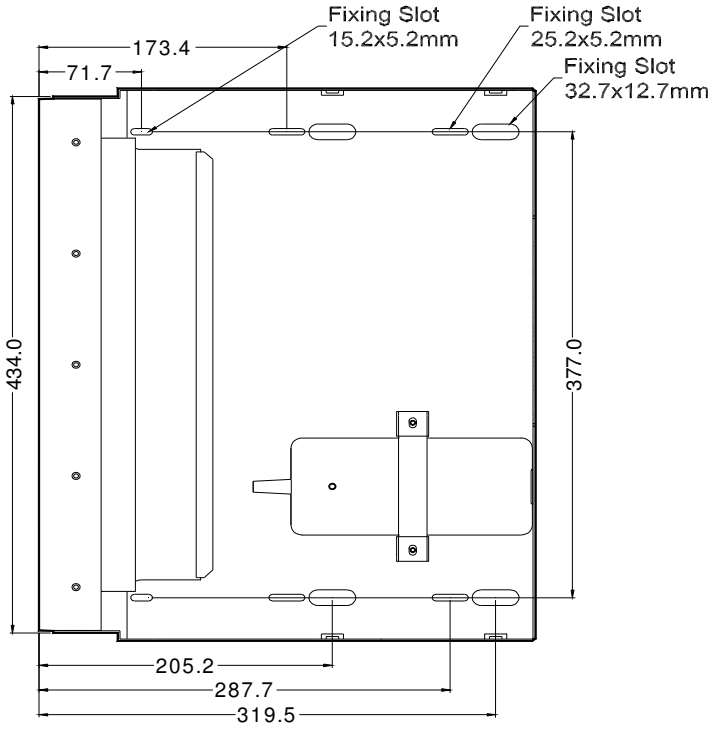
39LW21DMA01 **19" LCD FOR 19"/20"/21" CRT REPLACEMENT CHASSIS MONITOR**

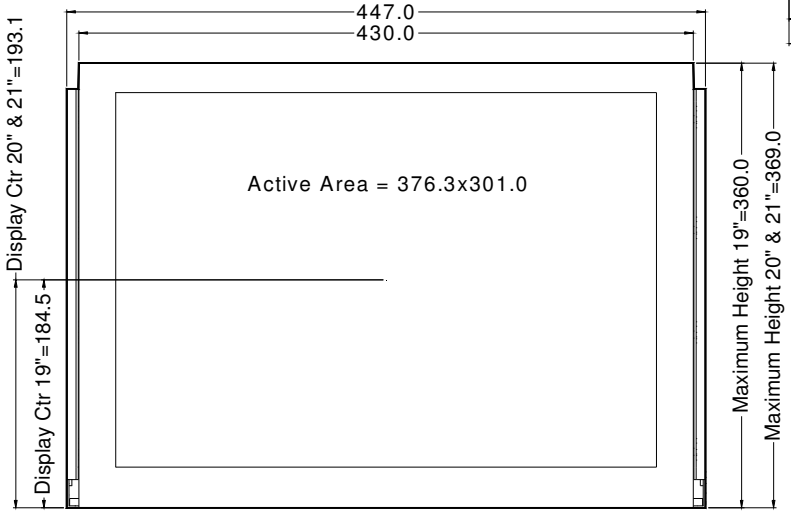
REAR VIEW



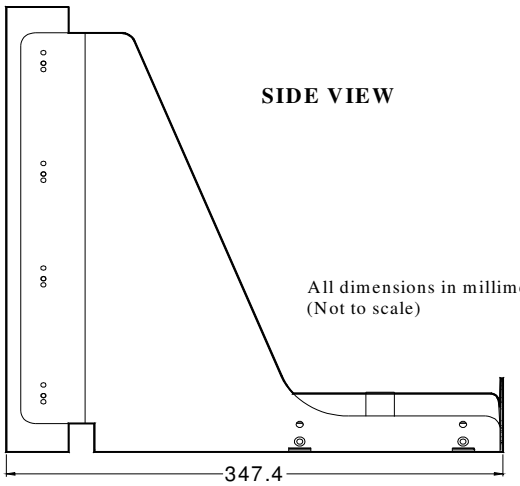
TOP VIEW



FRONT VIEW



SIDE VIEW



All dimensions in millimetres
(Not to scale)

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