

FOR 14" CRT

29LV123A71UN/1

Electrical Description	
TFT Characteristics:	
Type:	AM colour TFT
No. of colours:	256k
Max resolution:	800 x 600 pixels
Active display area:	246 x 184.5 mm
Brightness:	400cd/m ²
Backlight life:	50,000 hours
Contrast ratio:	500:1 typical
Viewing angles:	140°H, 110°V
Input connectors:	5 x BNC 75R 15-pin HD Female
Video Signal:	Analog RGB 0.7Vp-p OR TTL RGB > 2.75Vp-p (via special TTL accessory cable)
Signal Sync:	Separate H&V (+/-ve) TTL OR Composite(-ve) TTL OR Sync-on- green (-ve) 0.3V
Synchronisation Range:	Horizontal scan: 15kHz - 60kHz Vertical scan: 40-100Hz
Multiscan Support:	640 x 480 VGA 800 x 600 SVGA + pre-programmed timings in 15-30kHz range
Power Supply:	90 - 260V AC DC option available
Clock rate:	80MHz max
Power Consumption:	30W max
Physical / Environmental	
Front Panel:	Black painted aluminium
Dimensions (approx):	340 x 268 x 55mm
Weight:	3.8kg approx
Operating Temp:	0 to 50°C
Storage Temp:	-20 to 60°C
Part Numbers:	
Model Number:	29LV123A71UN/1
Optional Model:	29LV123E71UN/1 (12V DC)



- For 14" colour CRT monitor replacement
- Front plate to suit 14" CRT fixing lug
- Original CRT chassis stays in place
- Analogue & TTL video inputs
- Non-standard legacy signals easily programmed
- Non glare acrylic for TFT protection
- Optional touchscreen integration

The 29LV121A71UN/1 Industrial LCD monitor has been designed as replacement for 14" CRT monitors now that supplies of 14" CRTs are difficult to obtain.

KME has designed a rugged LCD monitor module, of minimum width, to match the dimensions of many 14" CRT monitor chassis. When the CRT is removed from the existing chassis metalwork the LCD monitor (mounted on a metal panel with fixing holes to match the CRT Lugs) can be fitted in place.

A wide range of signal timings from 15kHz up to SVGA standard, including CGA & EGA legacy signals can be accepted by the LCD monitor. Set-up controls for finetuning of the display are located at the rear of the monitor. Once set, no further adjustments should be required, and the last setting is stored in memory.

Note: The Active Display Area on a 14" Colour CRT is typically 260 x 195mm. On the 12.1" TFT it is 246 x 184.5mm.

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

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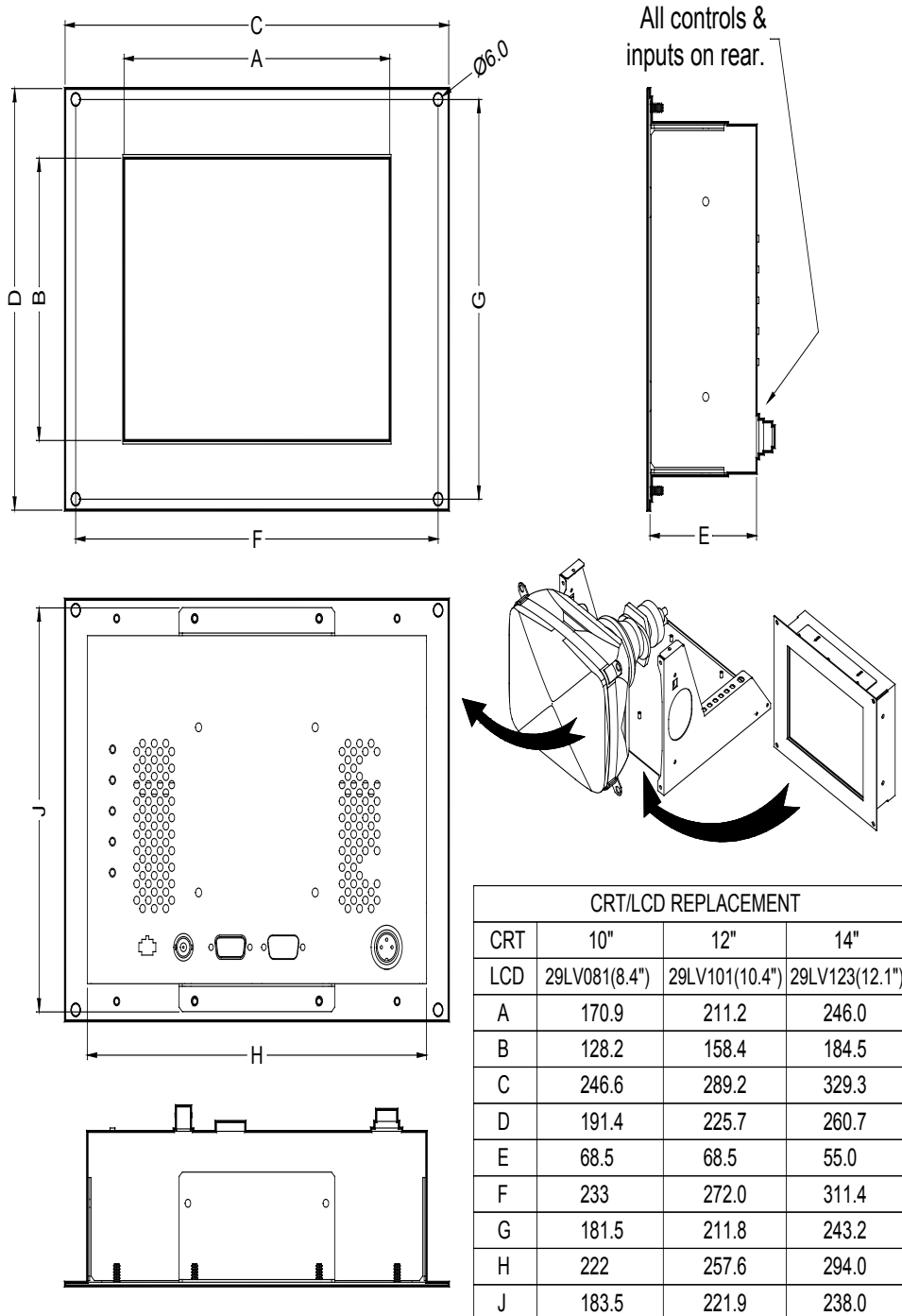


12.1" LCD CHASSIS REPLACEMENT

DATASHEET

FOR 14" CRT

29LV123A71UN/1



All dimensions in Millimetres
(Not to scale)

