

Features

sRGB Mode

The sRGB Mode unifies colour reproduction among Windows2000-compatible PCs and other sRGB-compatible peripherals.

Custom Mode (6-Axis Colour Control)

R (red), G (green), B (blue), Y (yellow), M (magenta), and C (cyan) colour signals can all be controlled independently, allowing extremely precise colour correction.

Video Mode

The built-in Video Mode offers colour tones compatible with DVD and other moving image systems.

Native Mode

Factory Preset Mode.

Digital Sharpness

Digital Sharpness keeps image and text sharp and clear during zoom phase (up to 32 levels).

Wide Viewing Angle

IPS technology allows expansion of the viewing angle.

Auto Brightness Control

Automatically adjusts brightness thereby reducing eyestrain.

Energy2000

Energy consumption in Power Save Mode is less than 3W.



TC099

Meet TC099 standards for ergonomics and ecology.



USB

The optional USB (Universal Serial Bus) hub kit allows direct connection of up to three accessories.



Specifications

Model		LSA831W
LCD	LCD	18.1" (46cm) TFT
	Display size	359 (H) x 287.2 (V) mm
	Resolution	1280 (H) x 1024 (V)
	Pixel pitch	0.28 (H) x 0.28 (V) mm
	Display colours	16,770,000 colours
SCANNING	Horizontal frequencies	24.8 ~ 80.5kHz
	Vertical frequencies	30 ~ 85Hz (XGA), ~75.1Hz (SXGA)
SIGNAL INPUT	Video RGB	Analogue (0.7Vpp)
	Synchronization	Separate and Composite sync. (TTL) (+/-), Sync-on green
	Termination (impedance)	75 ohm to GND
	Synchronization	1.0K ohm to GND
VIDEO AMP	Dot clock rate	140 Mhz (Max.)
	Brightness	200 cd/m2 (Typ.)
SCREEN PERFORMANCE	Viewing angle (Typical)	Horizontal +/- 80°
	Vertical	+/- 80°
	Contrast	300:1 (Typ.)
CONTROLS	Front	Power SW, Select (Up/Down), Adjust (+/-), Signal A/B
	OSD	Contrast, Brightness, Black-Level, Clock, Clock-Phase, Input-Select, Auto Input Detect, H/V-Position, H/V-Resolution, Auto Setup, Display Mode, Auto Adjust, Auto Brightness, Expand, All Reset, Language, Power Save, OSD-Position, Sharpness, Color Select (sRGB, VIDEO, Native, CUSTOM), Clamp Position
CONNECTOR	Power input	3P IEC plug
	Signal input	Pigtail: D-SUB15P, Mini: D-SUB15P
ENVIRONMENTAL CONDITIONS		Operating temperature: 5 to 35°C Relative humidity: 10 to 90% RH (no condensation)
POWER SUPPLY		Operating range: AC100-120/220-240V+10%, 50/60Hz
POWER CONSUMPTION (typ. excluding USB hub)		50W
CABINET		With Tilt/Swivel stand Mitsubishi standard (460 x 481 x 220mm)
WEIGHT		9kg
REGULATIONS	Safety	MITI T-Mark, UL1950, CSA C22.2 No.950, EN60950
	EMC	FCC-B, VCCI-B, EN55022-B
	Worldwide version	VLF/ELF
	Power management	Energy2000
USB (Universal Serial Bus)		1 up stream/3 down stream self-powered hub (option)

Input Port

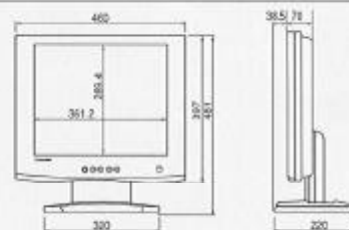
2 Now with input ports



Dual inputs allow connection of two computers.

Dimensions

(unit: mm)



Mitsubishi Electric employs environmental engineering technology of the future today



Meets Swedish governmental recommendations for Very Low Magnetic Field (VLMF) and Extremely Low Magnetic Field (ELMF) emission



No CFC (chlorofluoro-carbons) are used in the manufacturing process



Carton box is recyclable



Only PB/DE-free materials are employed for the monitor

• Windows® is a registered trademark of Microsoft Corporation. • Macintosh® is a registered trademark of Apple Computer Corporation. • VESA® is a registered trademark of Video Electronics Standard Association. • XGA and VGA are registered trademarks of IBM Corporation. • All other products or brand names are registered trademarks or trademarks of their respective holders. • The pictures shown in the displays are simulated images.



MITSUBISHI ELECTRIC CORPORATION

KONGO BLDG. 5TH FLOOR, 7-10-4 NISHI-GOTANDA, SHINAGAWA-KU, TOKYO 141-8537, JAPAN