MITSUBISHI ELECTRIC

MITSUBISHI LCD DISPLAY

42

42" LCD Display
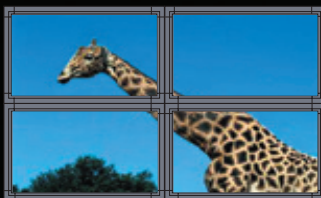
LDT421V2

CERTIFIED FOR
Windows
Vista™

1 High quality screen for various corporate applications

The native resolution of 1366X768 (WXGA), high contrast ratio of 1600:1 and 500cd/m² high brightness ensures clear and crisp picture quality .

42

portrait viewing

multi screen

2 Scheduling Function ideal for signage display.

The Scheduling Function will automatically switch your display ON and OFF, just by entering the ON/OFF times per input signals. It can also preset up to 7 programs.
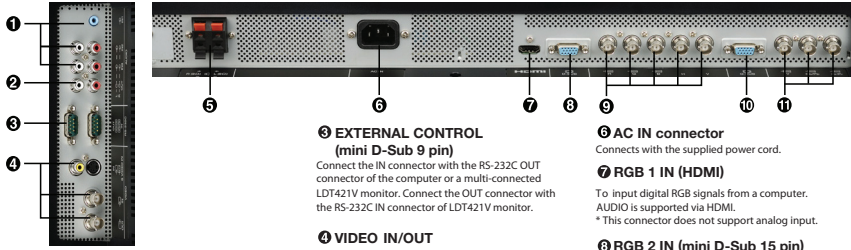
SCHEDULE
TODAY 2006 . 4.13   THU 19:30:30
►1   ON   OFF   INPUT
 2 08:00 18:00   RGB1
 3
 4 ●EVERY DAY ○MON ○TUE
 5 ○WED   ○THU ○FRY
 6 ○SAT   ○SUN○EVERY WEEK
 7
▲▼+−:SEL EXIT:RETURN MENU:EXIT MENU

3 Screen Saver useful for long term operation

To expand the lifetime of the LCD panel, the LDT421V2 includes 4 Screen Saver Functions. These settings include gamma selection, cooling-fan operation, brightness level, and Motion Function.

SCREEN SAVER
GAMMA   ► ON ◄
COOLING FAN   ► AUTO ◄
BRIGHTNESS   ► OFF ◄
MOTION   ► 10   ◄
▲▼:SEL +−:ADJ EXIT:RETURN MENU:EXIT MENU

Connectivity

❶ AUDIO IN 1, 2, 3
To input audio signal from external equipment such as a computer, VCR or DVD player.

❷ AUDIO OUT
To output the audio signal from the AUDIO IN 1, 2 and 3 jack.

❸ EXTERNAL CONTROL (mini D-Sub 9 pin)
Connect the IN connector with the RS-232C OUT connector of the computer or a multi-connected LDT421V monitor. Connect the OUT connector with the RS-232C IN connector of LDT421V monitor.

❹ VIDEO IN/OUT
VIDEO IN connector (BNC and RCA): To input a composite video signal. BNC and RCA are not available at the same time. (Use only one input).

VIDEO OUT connector (BNC): To output the composite video signal from VIDEO IN connector. S-VIDEO IN connector (MINI DIN 4 pin): To input the S-video (Y/C separate signal).

❺ EXTERNAL SPEAKER TERMINAL
To output the audio signal for external speakers from AUDIO 1, 2 or 3 jack.

❻ AC IN connector
Connects with the supplied power cord.

❼ RGB 1 IN (HDMI)
To input digital RGB signals from a computer. AUDIO is supported via HDMI.
* This connector does not support analog input.

❽ RGB 2 IN (mini D-Sub 15 pin)
To input analog RGB signals from a computer or other RGB equipment.

❾ RGB 3 IN [R, G, B, H, V] (BNC)
To input the analog RGB signals from a computer or other RGB equipment.

❿ RGB OUT (mini D-Sub 15 pin)
To output the signal from RGB 2 IN or 3 IN.

⓫ DVD/HD IN [Y, Pb/Cb, Pr/Cr] (BNC)
Connecting equipment such as a DVD player, HDTV device, or Laser disc player.
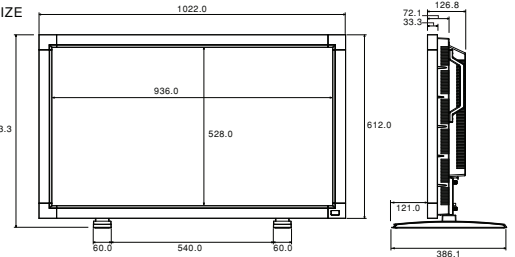
Optional Speakers

Weight: 1.2kg X 2
Audio Output: 7W+7W (8Ω)

SP-42IV

SIZE

Specifications

Item		LDT42IV	
		Analog input	Digital input
LCD module		TFT active matrix, 42" (1067mm) diagonal	
	Pixel pitch	0.681mm (H) x 0.681mm (V)	
	Resolution	1366 x 768 dots (WXGA)	
	Colour	16.7 Million	
	Brightness (typ.)	500 cd/m²	
	Contrast ratio (typ.)	1600:1	
	Viewing angle (typ.)	Up 89°/ Down 89°/ Left 89°/ Right 89°	
	Response time (typ.)	9ms (Grey to Grey)	
Frequency	Horizontal	15.625/15.743, 31.5 - 91.1kHz (Analog/Digital)	
	Vertical	50.0/58.0 - 85.0Hz (Analog/Digital)	
Pixel clock		13.5 - 165.0MHz	25.0 - 165.0MHz
Viewable size		930mm x 523mm / 36.6" x 20.6"	
Power management		Yes / VESA DPM	
Plug and play		Yes / VESA DDC2B, DDC / CI	
Auto adjustment		Yes (Contrast / Position / Phase / Clock)	
OSD user function		Brightness, Contrast, Black level, Zoom, PIP, Screen saver, Side border colour, Gamma selection, Black level expansion, Heat status, Power ON delay, Schedule, Tiling, etc.	
Speaker/Audio output		External speaker jack 7W+7W 8 ohm	
Input/Output signal	PC input/output		
	Analog video input/output level	Analog RGB: 0.7Vp-p Input impedance 75 ohm	TMDS (with HDCP)
	Sync. input/output level	Separate: TTL level (Posi/Nega) 2.2k ohm terminated/Sync on Green	
	Input connectors	BNC (R, G, B, H, V) Mini D-SUB 15pin	HDMI with digital audio support
	Output connector	Mini D-SUB 15pin	–
	Video input Input impedance 75 ohm	Composite 1.0Vp-p input impedance 75 ohm BNC and RCA input (Exclusive)	
		Y / C Y: 1.0Vp-p C: 0.3Vp-p input impedance 75 ohm S-Terminal-input	
		Component 1.0/0.7Vp-p input impedance 75 ohm BNC input (HDTV: 50/60Hz)	
	Video output	Composite 1.0Vp-p Input impedance 75 ohm BNC Output	
	Audio input	RCA pin jack L/R x 2, Stereo mini jack x 1	
	Audio line output	RCA pin jack L/R x 1	
	Control input/output	Mini D-SUB 9pin x 1 (input)/Mini D-SUB 9pin (output) (RS-232C)	
Power supply		Universal (AC100 - 240V)	
Current rating		2.3A @ 100 - 120V, 1.05A @ 220 - 240V	
Operational environment	Temperature	5 to 40C / 41 to 104F (Landscape Mode), 5 to 35C / 41 to 95F (Portrait Mode)	
	Humidity	20 - 80% (without condensation)	
Storage environment	Temperature	-20 to 60C / -4 to 140F *For longer life usage of LCD monitor, operation 25C / 77F at ambient temperature is recommended.	
	Humidity	10 - 90% (without condensation), 90-3.5 x (Temp -40C)% regarding over 40C / 104F	
Dimension	Net with stand	1022mm (W) x 643.3mm (H) x 386.1mm (D) / 40.24" (W) x 25.33" (H) x 15.2" (D)	
	Net without stand	1022mm (W) x 612.0mm (H) x 126.8mm (D) / 40.24" (W) x 24.09" (H) x 4.99" (D)	
	Gross	1180mm (W) x 758.0mm (H) x 290.0mm (D) / 46.46" (W) x 29.84" (H) x 11.42" (D)	
Weight	Net	Approx. 27.4kg / 60.3 lbs (with stand) Approx. 26.0kg / 57.2 lbs (without stand)	
	Gross	33.5kg / 73.7 lbs	
Wall mounting interface		12 Holes (100mm / 3.9" pitches)	
Complied regulatory and guidelines		UL60950-1 / C-UL / TUV-GS / EN60950-1 / BSMI / PSB / FCC-B / DOC-B / EN55022-B / EN55024 / EN61000-3-2 / EN61000-3-3 / C-Tick / RoHS / CE / GOST / US Mercury / CCC only for Chinese model	
Accessories		Power Cord, VGA (Mini-Dsub15p) Cable, User's Manual, Wireless Remote Controller, Battery x2, Clamper x2, Screw for Clamper x2, Screw for Main Switch Cover x2, Main switch cover, Cable Holder x2, Band x2, Screw for Stand x4, Stand x1 pair	

Please use a power cord that matches with the AC voltage of power outlet and complies with the safety standard of your particular country. ● LCD panels are manufactured using high precision technology; nevertheless there may be some missing pixels and some pixels might be always lit on. ● Displaying still pictures for long term may cause permanent image sticking. ● If you alter the original images either through compression or enlargement or something else, and show it on a display with commercial purpose or intention of showing to general public, it may infringe the copyright of the author which is protected by the copyright law. ● As a conversion adapter may be required to connect to Macintosh, check the configuration of the Macintosh connector beforehand. No conversion adapter is required for the models with Mini D-SUB 15pin VGA connector. ● Windows® is a registered trademark of Microsoft Corporation of US in the territory of US and others. ● Macintosh is a registered trademark of APPLE INC. US in the territory of US and others. ● Other company and product names are a registered trademark or trademark of the relative company. ● HDMI, **HDMI** and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

MITSUBISHI ELECTRIC AUSTRALIA

348 Victoria Rd Rydalmere, NSW 2116 Phone: (02) 9684 7777 Fax: (02) 9684 7208

www.MitsubishiElectric.com.au