



46" LCD Display
LDT46IV



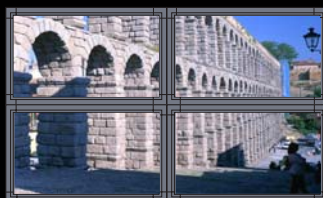
Presenting our 46" big-screen LCD with full 1080P HD resolution.

1 High quality screen for various business applications

The native resolution of 1920X1080(FullHD), high contrast ratio of 1500:1 and 500cd/m² high brightness ensures clear and crisp picture quality.



portrait viewing

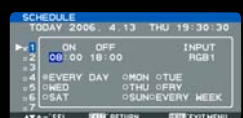


multi screen

2 Scheduling Function ideal for signage display.

The Scheduling Function automatically switches your display ON and OFF, simply by setting the ON/OFF times per input signals.

Up to 7 programs can be preset.

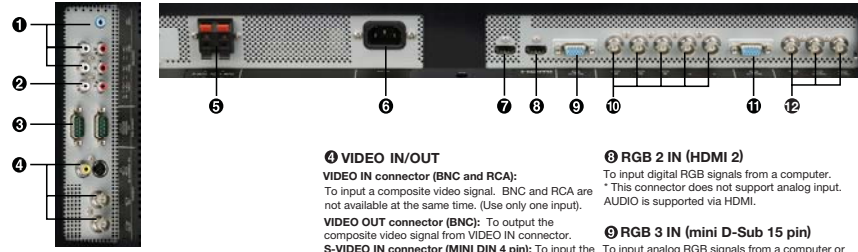


3 Screen Saver useful for long term operation

To expand the life of the LCD panel, the model includes a Screen Saver Function. Screen Saver options include gamma selection, cooling-fan operation, brightness level, and Motion Function.



Connectivity



1 AUDIO IN 1, 2, 3

To input audio signal from external equipment such as a computer, VCR or DVD player.

2 AUDIO OUT

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

3 EXTERNAL CONTROL (mini D-Sub 9 pin)

Connect the IN connector with the RS-232C OUT connector of a computer or with a multi-connected LDT461V monitor. Connect the OUT connector with the RS-232C IN connector of a LDT461V monitor.

4 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).

5 EXTERNAL SPEAKER TERMINAL

To output the audio signal for external speakers from AUDIO 1, 2, 3 jack or HDMI.

6 AC IN connector

Connects with the supplied power cord.

7 RGB 1 IN (HDMI 1)

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

8 RGB 2 IN (HDMI 2)

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

9 RGB 3 IN (mini D-Sub 15 pin)

To input analog RGB signals from a computer or other RGB equipment.

10 RGB 4 IN [R, G, B, H, V] (BNC)

To input the analog RGB signals from a computer or other RGB equipment.

11 RGB OUT (mini D-Sub 15 pin)

To output the signal from RGB 3 IN or 4 IN.

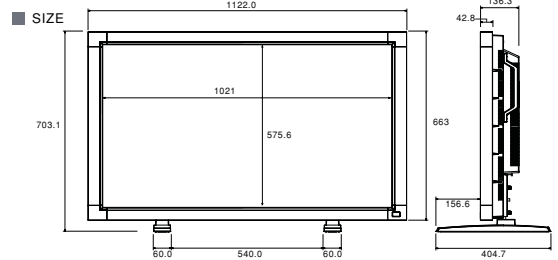
12 DVD/HD IN [Y, Pb/Cb, Pr/Cr] (BNC)

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-461V



Specifications

		LDT461V	
Item		Analog input	Digital input
LCD Panel	Pixel pitch	TFT active matrix, 46" (1168mm) diagonal	
	Resolution	0.530mm (H) x 0.530mm (V)	
	Resolution	1920 x 1080 dots (FHD)	
	Colour	16.7 Million	
	Brightness (typ.)	500cd/m ²	
	Contrast ratio (typ.)	1500:1	
	Viewing angle (typ.)	Up 88deg. / Down 88deg. / Left 88deg. / Right 88deg. (@ CR≥10)	
Frequency	Horizontal	15.625 / 15.734, 31.5 - 91.1kHz (Analog/Digital)	
	Vertical	50/58.0 - 85Hz (Analog/Digital)	
Pixel clock	13.5 - 165.0MHz	25.0 - 165.0MHz	
Viewable size	1018.1mm x 572.7mm / 40.1" x 22.5"		
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 8ohm		
Input/Output signal	PC input/output		
	Analog video input/output level	Analog RGB: 0.7Vp-p Input Impedance 75ohm	TMDS (with HDCP)
	Sync. input/output level	Separate: TTL level (Pos. / Neg.) 2.2kohm terminated / Composite sync(0.3Vp-p) / Sync on Green	-
	Input connectors	BNC(R, G, B, H, V) / Mini D-sub 15Pin	HDMI x 2 (with digital audio support)
	Output connector	Mini D-sub 15Pin	-
	Supported resolution	640x480 / 800x600 / 1024x768 / 1360x768 / 1280x1024 / 1600x1200@60Hz / 1920x1080@60Hz / 1920x1200@60Hz	
	Video input/output		
	Video input	Composite 1.0Vp-p Input Impedance 75ohm BNC and RCA pin-jack Input Y/C Y: 1.0Vp-p C: 0.3Vp-p Input Impedance 75ohm S-Terminal-Input	
	Video output	Component 1.0/0.7Vp-p Input Impedance 75ohm BNC-input Composite 1.0Vp-p Input Impedance 75ohm BNC-Output x 1	
	Supported resolution	Composite,Y/C:NTSC,PAL,SECAM,4.43NTSC,PAL60 Component: 480i, 480p, 720p, 1080i, 1080p	
Audio input	RCA pin-jack L/R Input x 2, Stereo mini Jack Input x 1		
Audio line output	RCA pin-jack L/R output x 1		
Control input/output	Mini D-sub 9pinx1 (Input) / Mini D-sub 9pinx1 (Output) (RS-232C)		
Power supply	3.0-1.3A@100 - 240V AC,50/60Hz		
Power consumption	Max 285W Power save:Less than 5W(Mechanical power SW Off:0W)		
Operational environment	Temperature	5 to 40 C / 41 to 104 F (Landscape Mode), 5 to 35 C / 41 to 95 F (Portrait Mode) *For longer life usage of LCD monitor, operational 25C / 77F at ambient temperature is recommended.	
	Humidity	20 - 80% (without condensation)	
Storage environment	Temperature	-20 to 60 [C] / -4 to 140 [F]	
	Humidity	10 - 90% (without condensation), 90-3.5 x (Temp -40C)% regarding over 40C / 90-1.95 x (Temp -104F)% regarding over 104F	
Dimension	Net with stand	1122mm (W) x 703.1 mm (H) x 404.7 mm (D) / 44.17"(W) x 27.68"(H) x 15.93"(D)	
	Net without stand	1122mm (W) x663mm (H) x 136.3mm (D) / 44.17"(W) x 26.1"(H) x 5.37"(D)	
	Gross	1285mm (W) x 885mm (H) x 275mm (D) / 50.59"(W) x 37.84"(H) x 10.83"(D)	
Weight	Net	Approximately 34.6kg / 76.1lbs (with stand) Approximately 33.0kg / 72.6lbs (without stand)	
	Gross	43 kg / 94.6 lbs	
Wall mounting interface	12 Holes (100mm / 3.94"pitches)		
Complied regulatory and guidelines	UL-60950-1 / C-UL / CE Marking / TUV-GS / BSMI / PSB / GOST-R / FCC-A / DOC-A / C-Tick / RoHS / 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 x1, Cable Holder x2, Band x2, Screw for Stand x4, Stand x 1pair		

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. ●HDMI, HDMI and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC. ●Other company and product names are a registered trademark or trademark of the relative company.

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