



USER'S Manual



NGLT104WP
NGLT150WP
LCD TV / Monitor
(IP67 Grade)

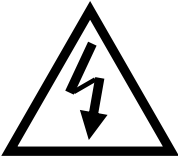
This Manual is revisable without further notice

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Safety Precautions

TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK COVER.

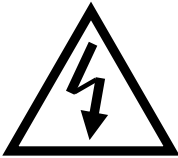


CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE
PERSONAL



The symbol is intended alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Operating Safety

Operating Safety

- Use only factory supplied power adapter and connector Assemblies to operate the TV monitor.
- When a user install the TV Monitor himself, read the "INSTALL GUIDE" before installation.
- Do not install power outlet in a hot or humid place, or where there is excessive dust or vibration.
- Do not install the TV Monitor in a hot place or where is excessive vibration.
- If a **chemical liquid** like acid or a volatile solvent fall on the front bezel or back cover, have it checked by a **qualified technician** before operating again.
- Do not open the back cover if a user opens the back cover, the TV Monitor is to be **leak**.
- Do not clean a front bezel with a **strong volatile solvent**.
- Do not spray on a front bezel of TV Monitor with water or any liquid **over 80°C**.
- Do not use under condition of **5 feet (about 1.5 m)** below a depth.
- Do not thrust a **steel chop stick or a sharp solid object** into the speaker grill on a front bezel.
- Do not spray on the TV Monitor with any liquid before installation completely.
- Do not try to repair the unit by yourself. Opening cover will lead to serious electric-shock or other danger.

Packing

- Monitor 1pc
- Remote controller 1pc
- Power adapter 1pc
- User's manual 1pc
- Power cord 1pc



Monitor



Power Adapter



Remote Controller



User's manual



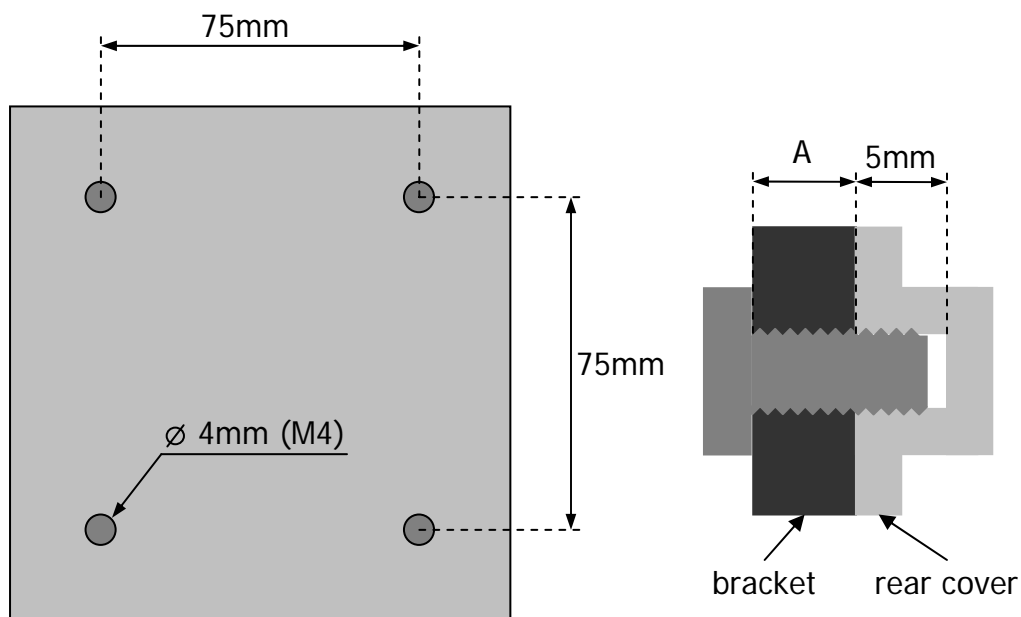
Power Cord

Wall mounting

Installing VESA compliant mounting devices

1. Align the mounting interface pad (75mm × 75mm hole spacing) with the holes in the holes in the monitors rear cover mounting pad.
2. Secure bracket with the four screws (∅ 4mm : M4) that came with the VESA mounting device.

Note : The length of screws should be within $A+5\text{mm}$.



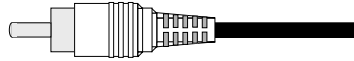
Wiring

1. AV Connector

Video In CVBS (Yellow)



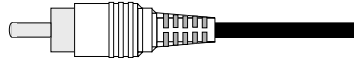
Audio In Left (White)



Audio In Right (Red)



Speaker Out Left (White)



Speaker Out Right (Red)



2. S-Video Connector



3. D-SUB(PC) Connector

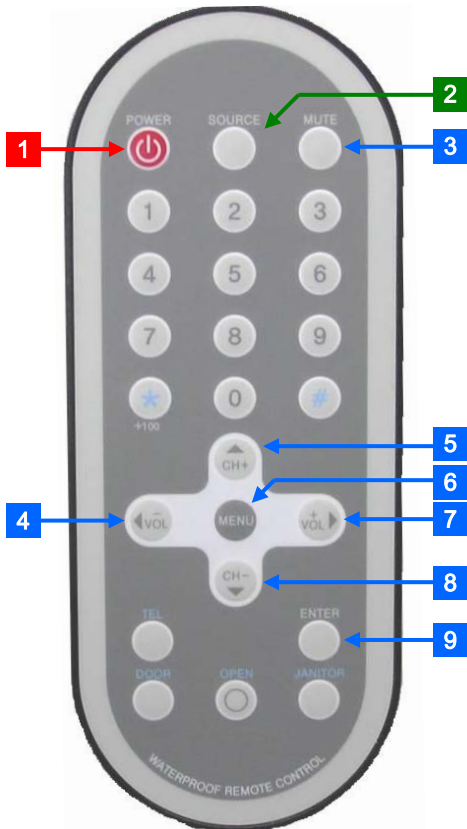


4. DC 12V Power Jack



Make sure check the audio and video source wiring before **WIRING CONNECTION**

Remote Controller



- 1** Power On/Off
- 2** Basic Operations : **Source Select**
Menu Operation : **Item Select**
- 3** Audio **Mute** On/Off
- 4** Basic Operations : **Volume Down**
Menu Operation : **Value Down**
Column Down
- 5** Menu Operation : **Column Up**
- 6** Basic Operations : **Menu Enter**
Menu Operation : **Menu Exit**
- 7** Basic Operations : **Volume Up**
Menu Operation : **Value Up**
Column Up
- 8** Menu Operation : **Column Down**
- 9** Basic PC Operations : **Auto Adjust**
Menu Operation : **Item Select**

A/V Basic Operations

Note

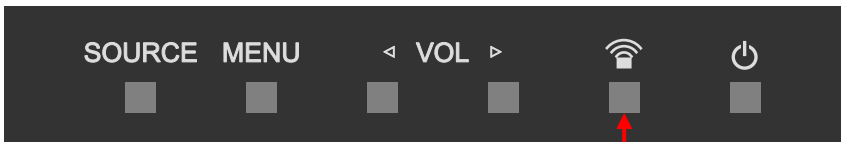
The buttons on the front bezel are designed with infrared technology; you can control by touching each button only not pressing.

1. POWER ON / OFF



To turn power on, put your finger on the "POEWR" button. A power-indicate green lamp turn on and you can see a signal on the screen.

When you want to turn off, put your finger on the "POWER" button again.



Remote IR
SENSOR

2. MENU ACCESS

MENU



To adjust the screen quality or another functions, put your finger on the "MENU" button. The OSD will appear on center of the screen.

When you desire to access sub-menu, put your finger on the "SOURCE" button and sub-menu will be available.

When you desire select your Sub-menu, put your finger on the button "◀" or "▶"

When you put your finger on the "MENU" button again, the OSD disappear or escape from the SUB-MENU.

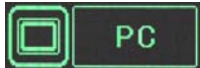
A/V Basic Operations

3. VIDEO SOURCE SELECTION

SOURCE



To select PC, Video and S-Video, put your finger on the "SOURCE" button. OSD, "PC" or other functions appear on the left upper side of the screen in turn whenever touch "SOURCE" button.



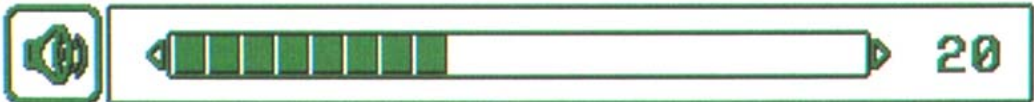
4. AUDIO VOLUME CONTROL

< VOL >



When you desire control the audio volume, put your finger on the "VOLUME" button "<" or ">"

Minimum Volume Indicate - Button "<"



Maximum Volume Indicate - Button ">"



Audio Mute OSD

Menu Operations

1. MENU

MENU



PICTURE MENU

SCREEN MENU

SOUND MENU

OSD MENU

MISCELLANEOUS MENU

< VOL >



To select a menu item, put your finger on “<” button and the green color Bar will move down. On the contrary, touch the “>” button, the green color Bar will move upward.

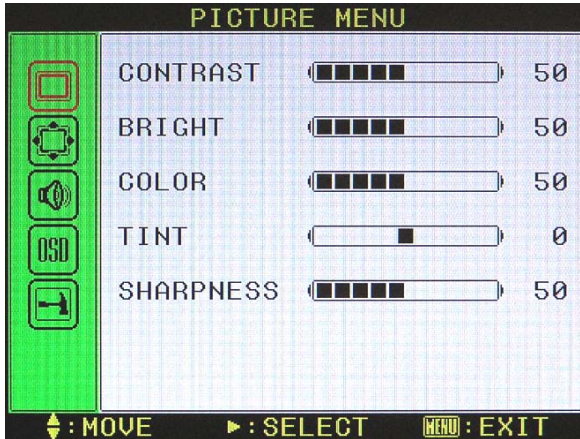
SOURCE



To access a Tree of sub-menu from a main menu, put your finger on “SOURCE” button and another green color Bar will appear on a sub-menu item

Menu Operations

2. AV PICTURE MENU



Contrast (0~100)

Adjust contrast by using right/left keys.

Bright (0~100)

Adjust bright by using right/left keys.

Color (0~100)

Adjust color by using right/left keys.

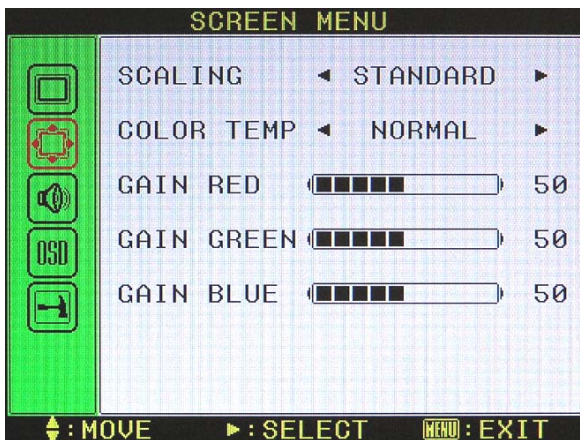
Tint (-50~0~50)

Adjust tint by using right/left keys.

Sharpness (0, 33, 66, 100)

Adjust sharpness by using right/left keys.

3. AV SCREEN MENU



Scaling (Standard, Full)

Select scaling by using right/left keys.

Color Temperature

(Cool, Normal, Warm, User)

Select Color temperature by using right/left keys.

Gain Red (0~100)

Adjust red gain by using right/left keys.

Gain Green (0~100)

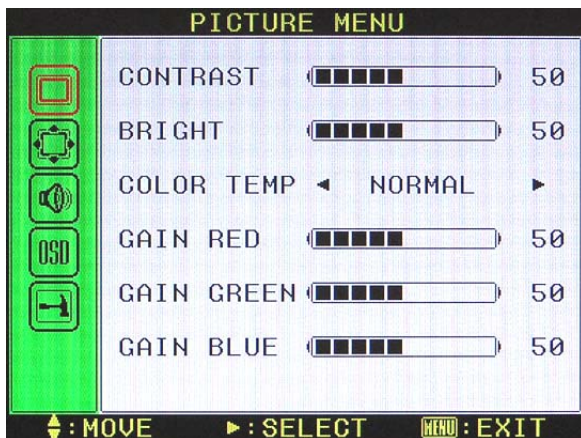
Adjust green gain by using right/left keys.

Gain Blue (0~100)

Adjust blue gain by using right/left keys.

Menu Operations

4. PC PICTURE MENU



Contrast (0~100)

Adjust contrast by using right/left keys.

Bright (0~100)

Adjust bright by using right/left keys.

Color Temperature

(Cool, Normal, Warm, User)
Select Color temperature by using right/left keys.

Gain Red (0~100)

Adjust red gain by using right/left keys.

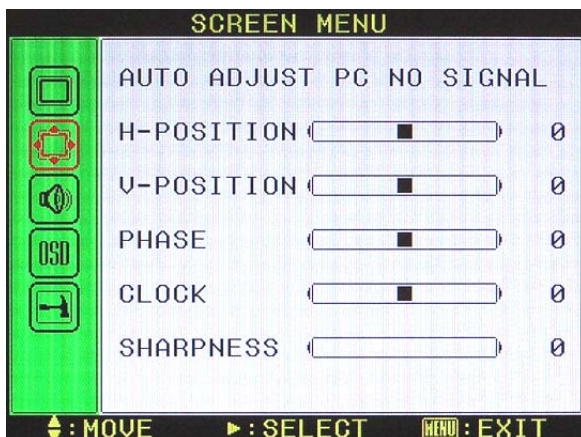
Gain Green (0~100)

Adjust green gain by using right/left keys.

Gain Blue (0~100)

Adjust blue gain by using right/left keys.

5. PC SCREEN MENU



Auto adjust (Standard, Full)

Optimal PC screen is set automatically when Auto adjust is selected by using right key.

H-Position (-50~0~50)

Adjust horizontal position of PC screen by using right/left keys.

V-Position (-50~0~50)

Adjust vertical position of PC screen by using right/left keys.

Phase (-50~0~50)

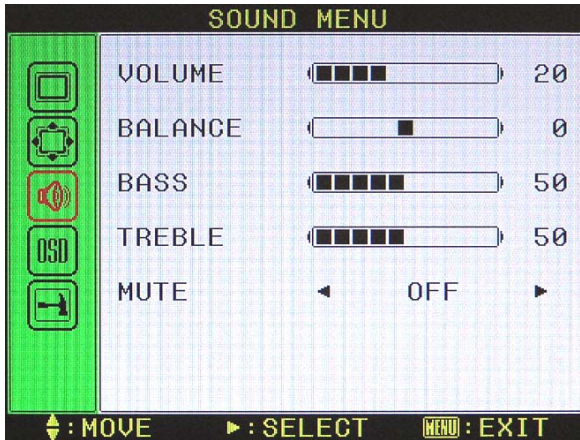
Clock (-50~0~50)

Sharpness (0, 20, 40, 60, 80, 100)

Adjust sharpness by using right/left keys.

Menu Operations

6. SOUND MENU



Volume (0~50)

Adjust volume by using right/left keys.

Balance (-50~0~50)

Adjust balance by using right/left keys.

Bass (0~100)

Adjust bass by using right/left keys.

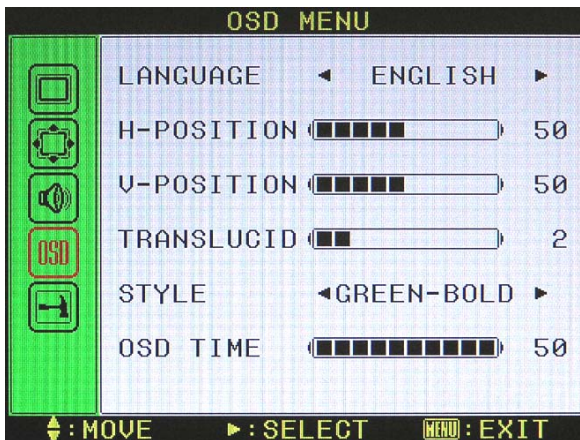
Treble (0~100)

Adjust treble by using right/left keys.

Mute (On, Off)

Select sound mute on/off by using right/left keys.

7. OSD MENU



Language (English)

Select language of menu by using right/left keys.

H-Position (0~100)

Adjust horizontal position of menu box by using right/left keys.

V-Position (0~100)

Adjust vertical position of menu box by using right/left keys.

Translucid (0~10)

Adjust transparency of menu box by using right/left keys.

Style (Green-Bold, Blue-Bold, Blue-Win, Black-Win)

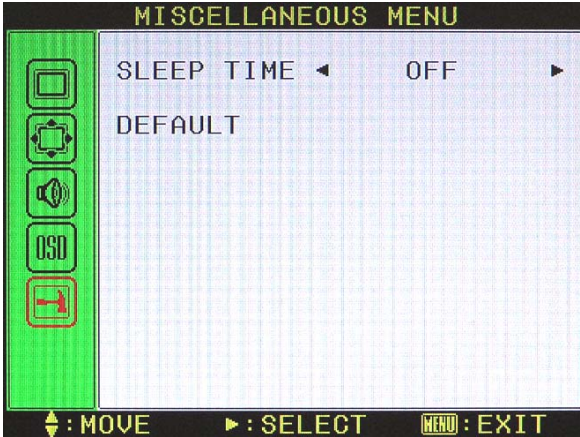
Select style of OSD by using right/left keys.

OSD Time (0~50)

Adjust disappeared time of OSD by using right/left keys.

Menu Operations

8. MISCELLANEOUS MENU



Sleep Time (Off, 10~250 min)
Adjust sleep time by using right/left keys.

Default
Press the right key, and the setting will be reset to factory default.

System Specification

1. NGLT104WP Specification

LCD Panel	Size	10.4 Inch
	Resolution	SVGA (800*600)
Signal Input		Composite Video (1CH), S-Video (1CH), VGA (1CH)
Color System		NTSC(M/J, 4.43), PAL(B/G, M, N, 60) , SECAM
Speaker out [L/R]		3W / 3W Max
Control		Remote Control / Front Touch (IR Type) Key
Waterproof Grade		IP 67
Power Input		DC Power Adapter (DC 12V / 5A)
Power Consumption		30W Max.
Operation Temperature		0°C ~ 40°C
Audio Out [L/R]		For External Speaker
Dimensions		273 * 246 * 50 (W * H * D) mm
Weight (Approx.)		3kg(Net) / 4.5kg(Gross)
HS Code		8528.5100.90
IECEE Certification #		NGLT104xxxDE3-82771 CB07 11 61881 005
CE Certification #		NGLT104xxxEMC CE-1221, EMC CE-1244
FCC Certification #		NGLT104xxxEMC/2007/075, Verification #: EMC FCC 0588
Korea Testing Lab 1P67 #		IP67 Report #: 07 1454-734

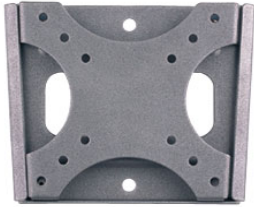
System Specification

2. NGLT150WP Specification

LCD Panel	Size	15 Inch
	Resolution	XGA (1024*768)
Signal Input		Composite Video (1CH), S-Video (1CH), VGA (1CH)
Video System		NTSC(M/J, 4.43), PAL(B/G, M, N, 60) , SECAM
Speaker out [L/R]		5W / 5W Max
Control		Remote Control / Front Touch (IR Type) Key
Waterproof Grade		IP 67
Power Input		DC Power Adapter (DC 12V / 5A)
Power Consumption		36W Max.
Operation Temperature		0°C ~ 40°C
Audio Out [L/R]		For External Speaker
Dimensions		377 * 333 * 58 (W * H * D) mm
Weight (Approx.)		5kg(Net) / 7kg(Gross)
HS Code		8528.5100.90
IECEE Certification #		NGLT150xxxDE3-82752 CB07 10 61881 003
CE Certification #		NGLT150xxxEMC CE-1219, EMC CE -1244
FCC Certification #		NGLT150xxxEMC/2007/076, Verification #: EMC FCC 0588
Korea Testing Lab 1P67 #		IP67 Report #: 07 1454-734

Optional Accessories

1. Water Resistant Wall Mount Brackets



Flush



Adjustable

2. RAM Mount with VESA Plate



3. Monitor Enclosure with Arm Mount

