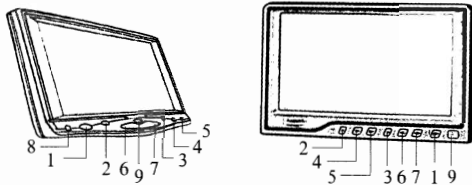
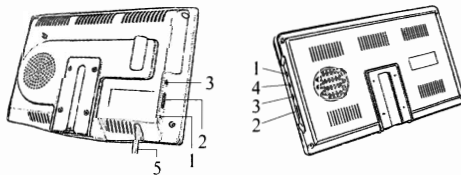


CONTROLS:

1. POWER BUTTON: on/off/stand by
2. PC/AV BUTTON: VGA AV
Note: the unit is at standby mode when there is no signal input.
3. MENU BUTTON: Active OSD menu by the help of " < " or " > " button.
4. " < " BUTTON: menu selection (when in VGA mode, the phase position will adjust automatically).
5. ">" BUTTON: menu selection
6. VOLUME - : (in OSD menu)
7. VOLUME + : (in OSD menu)
8. INDICATION LIGHT: red-standby, green-working state
9. INFRARED RECEIVER










There is a back light in this unit (618GL-70NP/C): when any key button pressed, the back light will be on for several second and off automatically.

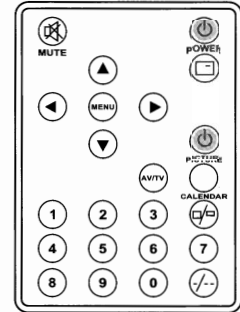
SIDE-PANEL JACKS:

.2.

1. DC INPUT: DC12V
2. COMBINED INPUT: including video1, video2, aideo, DC12V in
3. RF: only for TV function
4. EAR: earphone jack

REMOTE CONTROLLER: (MONITOR)

- *  : ON/OFF BUTTON
- *  : SILENCE
- *  : DISPLAY INPUT MODE
- *  : ACTIVATE OSD MENU
- *  : VOLUME- (IN OSD MENU)
- *  : VOLUME+ (OSD MENU)
- *  : MENU SELECTION
- *  : MENU SELECTION
- *  : INPUT MODE SWITCH

**OPERATION:****1. POWER ON/OFF/STANDBY:**

(Attention; make sure the terminal electric poles of the power plug are as follows; the inner pole "+" and the outer pole "-")

The input voltage ranges from DC 11V to 13V which includes the DC 12V car or ship power, but the output power should be higher than 15 watt.

After connecting the power, the TV will be at standby state. Press "pow" button of the unit or "power" button of the remote controller, the TV begins to work, press the same buttons again, the TV will return to its standby state.

.3.

2. MENU OPERATION:

MAIN MANU:



PRIORIDY SHOW: auto adjustment; display position adjustment; image adjustment; osd adjustment; other setting; video adjustment; menu exit.

After connecting, press the button "menu" on the unit or remote controller, when the "main manu" appears on the screen, press "◀" (move to the left)/ "▶" (move to ther right) on the unit or "▲/▼" on the remote controller to choose the subject which is needed, then press "menu" again to confirm. For the next layer menu, you can use the volume ▲/▼ on the unit or ◀/▶ on the remote controller for adjustment. Back to the main menu, please choose "exit", then confirm by pressing "menu" button again.

3. OSD ADJUSTMENT (MENU POSITION ADJUSTMENT)

The users can adjust the menu's display position by carrying out the following induction:

Choose "OSD" in the main menu, "OSD" in the second layer menu, then use "A/V" or "◀/▶" for the horizontal adjustment;

Similarly, "OSD" is for the vertical.

4. SELECTION OF INPUT SIGNAL

The unit is provided with VGA jack and AV1, AV2 input signal. So it could be served along with computer, monitor camera system and also VCD or DVD etc. To work as a computer display, input the PC signal into the VGA jack, then press the "PC/AV" button on the front panel. So that it could be switch to VGA mode. (as figure 1)

FIGURE 1



When the unit is connected to monitor system or VCD and DVD, you can plug the AV cable (enclosed accessories) into the AV input jack, and connect the cable terminal to the external AV signal (See figure 2). The black end connects to the DC 12V power, the red end to video 1, the yellow end to video 2 and the white to audio. Press "PC/AV" button on the front panel to switch video 1 or video 2 in order that the signal matches the unit, so that you can enjoy the wonderful program.

FIGURE 2



Red-Yellow for V1/V2 input

White for audio frequency input

Black for DC12V power source

5. MUNE DISCRPTION UNDER PC MODE:

Please see (2. menu operation) for the specific method of menu operation menu contents (from 1 to 3) are as folows:

- No. 1,2,3 Of the main menu belong to the adjusting programs under PC mode:

① AUTOMATIC: →
position, plus, exit

② DISPLAY POSITION: →
horizontal, vertical, phase, frequency and current input message, exit

③ IMAGE ADJUSTMENTS: →
contrast, brightness, RGB, exit

6. ANALOGUE VOLUME ADJUSTMENT UNDER AV MODE:

→

ABOVE SYMBOLS FOR DISPLAY MODE: brightness, contrast, hue, color, display the TV system of current AV input signal, exit.

When the unit mode is: AV1 or AV2, you can select from the main

menu for the adjustment as below:

- ① Choose from the main menu, confirm by pressing "menu"; then enter the next layer menu.
- ② By using the ◀/▶ button on the front panel or ▲/▼ on the remote controller or to choose the required item to be adjusted.
- ③ Press ▲/▼ on the unit or ◀/▶ on the remote controller for adjustment.
- ④ Use ◀/▶ or ▲/▼ to exit, then confirm by pressing the "menu" button on the front panel.

7. OTHER SETTING:



Each in sequence is: volume, silence, language, default setting, input selection and exit menu.

Choose "other setting" from the main menu, by which you can go on volume, silence and other settings, and can choose the input signal. You can also choose language from the menu (example below):

- ① First choose, confirm by "menu" button, and then enter the next layer menu.
- ② Press the ◀/▶ button on the front panel or ▲/▼ on the remote controller, select.
- ③ Press ◀/▶ button on the unit or ▲/▼ on the remote controller to change language.
- ④ to change other settings, you can simply simulate the statement above.

MAIN SPECIFICATION:

Model	619GL-70NP/C
Display panel	TFT LCD 1152000 Pixels
Color system	PAL-4.43; NTSC-3.58
Audio output	100mW
Input voltage	DC11V-13V
Power consumption	8 watts
Size	188 × 125 × 33(mm)

ACCESSORIES:

Remote controller	1 piece.
A/V cable	1 piece.
DC 12V AC. adapter	1 piece.
Product stand	1 piece.
Car power adapter	1 piece.
Antenna wire	1 piece.
Instruction manual	1 piece.

TROUBLESHOOTING:

Before sending the unit for service, make sure to do the following simple checks:

(1) UNDER THE TV/AV MODE:

Case (condition)	Countermeasures
Black & white picture	The color saturation contrast and brightness are not proper, adjust "image mode"
No picture	Check power input and connections (if the working indicator light is on)
Remote controller doesn't work, check if the battery is installed properly	Low battery Remote signal is interfered by some obstructions

(2) UNDER THE PC MODE:

- ① Image unstable
 - * Press "◀" and retain for one second for automatic adjustment.
 - * Follow the menu instruction to adjust manually.
 - * choose correct refresh and different aspect (16:9 or 4:3 screen) ratio.

- ② Run a short image color check. See if the VGA wire is connected properly, if any pin in VGA jack is bent or broken, please change it.
- ③ No image appears
 - * When the red light is on, press the "power" button again, the word "no signal" will appear on the screen. Please turn on your PC at this moment. If "over range" appears, please reset the refresh rate.
 - * When the red lamp is on, press any key of the pc or press power button of the display.
 - * When the indicator light is off, please check the power connection.
- ④ No clear image, dithered picture:
Please choose the correct aspect ratio and refresh rate.
- ⑤ If there are still some problems, please refer to the distributor.

■ REMARK:

- * If the image is interrupt accidentally, that is because frequency of VGA card is difference from normal standard.
- * It is normal condition that there might be some bright lines appear on the screen soon after you switch off the monitor.
- * In order to prolong the overall working life of the unit, it's recommended to use the PC power management function.