

----- *Introduction*

Overview

The SH-6550 is only 1U TFT LCD Monitor. The optional Displays are 15/17" TFT LCD Panel Resolution is 1024 x 768/1280 x 1024(Analog VGA Input).

----- *Installation*

Rack Mount Accessories

Figure 1 shows how to attach mounting brackets to the SH-6550 unit for standard 19-inch rack cabinet.

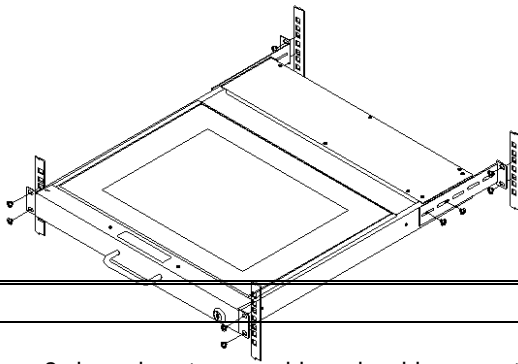
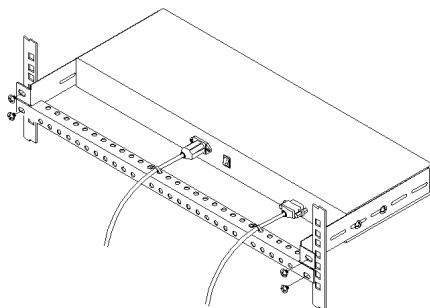


Figure 2 shows how to assemble rack cable support then screw it to the back and inside the rack cabinet vertical post (optional).

Figure 1: Attaching rack mount bracket



input supply.

- (3) Connect one end of 15-pin XGA Signal Cable to the signal input port on the LCD Monitor and the other end to the signal output port of PC
- (4) Connect the DC 12V power output jack to the 12V DC input socket of the LCD monitor. Connect the power cord to the adapter and the other end into a suitable AC power outlet socket.
- (5) Now connect the PC power cord to the AC power outlet socket.
- (6) Check all the connections are correct, then, Turn on the LCD monitor power switch..
- (7) A signal of “NO SIGNAL” will show on the upper corner of the LCD panel. As shown in figure 1.
- (8) Turn on the PC’s power switch Run the PC for image adjustment.



Figure 1. Display without Signal Input

2. Function Keys and operation:

2.1 Function Keys Definition and description:

- (1) Menu Key: Use this key to select and execute the magnitude and

CAUTION: function process.

Only use the AC adapter supplied by the manufacturer. Use of other adaptor may cause malfunction or danger and invalidate warranty.

(+ Key) →

Press Manu key	Display	1 st press	2 nd press	3 rd press	4 th press	5 th press
*OSD shows up.	Colour	Picture	2 Function	OSD Manu	Mics	Exit
		5 th press	4 th press	3 rd press	2 nd press	1 st press

← (- key)

- (b) Adjusting-and Executing for the desired Selection:
(1st selection: Colour Adjustment)

(+ Key) →

Press Manu key		1 st press	2 nd press	3 rd press	4 th press	5 th press

& Execution Operation”

(2) + Key:

- (a) In the Mode-Selection Mode: Pressing this key to locate forward the icon you want to adjust. Pressing it once, it moves one step forward to the next icon. Pressing it twice, it moves forward one more step to next 2nd icon. And so on.
- (b) Keep pressing down on this key, it flows continually through every icon and stops at the icon when the key is released.
- (c) In the Adjusting-and-executing Mode: The + Key, becomes the Adjusting-and-executing selection key. Pressing this key to locate forward the icon you want to adjust or execute. Pressing it once, it moves one step forward to the next icon. Pressing it twice, it moves forward one more step to next 2nd icon. And so on.
- (d) Keep pressing down on this key, it flows continually through every icon and stops at the icon when the key is released.
- (e) In the magnitude adjustment mode, the + Key, once again, becomes the magnitude Adjusting key. Press it once the magnitude of the adjusting scale will increase one step.

(f) Keep pressing down on this key, and it will keep increasing continually until the key is released.


(3) - Key: In the magnitude adjustment mode, the – Key, once again,

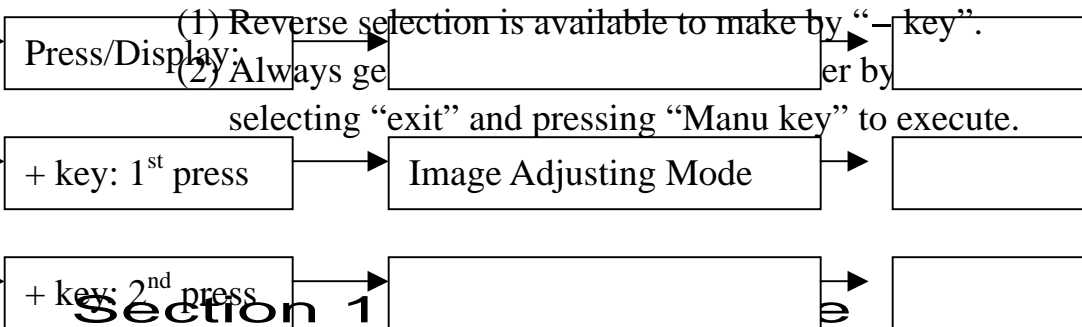
- (a) In the Mode-Selection Mode: Pressing this key to locate backward the icon you want to adjust. Pressing it once, it moves one step backward to the next icon. Pressing it twice, it moves backward one more step to next 2nd icon. And so on.
- (b) Keep pressing down on this key, and it will keep increasing continually until the key is released.

(4) Switch : Power on/off Switch.

- (a) Press this Key once the monitor would be turned on.
- (b) Press this key again, and the monitor will be turned off.
- (c) Users are reminded, that prior to press this Key to turn on the monitor. Remember to switch on your PC first
- (d) Keep pressing down on this key, it flows continually through every icon and stops at the icon when the key is released.

2-2. Quick OSD Adjustment & Execution Operation:


Key to be pressed	Menu Display	Remark
<p>Step 1</p> <p>Menu Key</p> <p>OSD Menu shows up.</p>		
	2. Mode is ready for Colour Adjustment.	
	3. Resolution displayed	SH-6550 User Guide




Section 1
Adjustment


Key to be pressed	Mode	Mag Range
+ key: 3 rd press		
Step 1	Example: Contrast	Contrast: 0~255
+ key: 4 th pre		Brightness: 0~216
Menu Key		Red Gain: 0~255
		Green Gain: 0~255
		Blue Gain: 0~255
+ key: 5 th pre		
or		
Brightness/ Red/Green/ Blue		



<p>Step 3</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">+/- key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;"><i>Example: Contrast</i></p>  <ol style="list-style-type: none"> 1. "Colour icon" keeps flashing. 2. "Contrast" marked by indigo light. 	<p>* Keeps press the "+ key": Value in the Scale is increasing until 255</p> <p>* Keeps press the "- key": Value in the Scale is decreasing until 0.</p> <p>Release the key, the value will stop at the satisfied point.</p>
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<p>Step 4</p> <div style="border: 1px solid black; padding: 10px; width: fit-content; margin: 10px auto;"> <p>The Contrast adjustment is completed. The system is ready for next selection</p> </div> <p style="text-align: center;">↓</p>	<p style="text-align: center;"><i>Example: Contrast</i></p> 	
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	<ol style="list-style-type: none"> 1. "Colour icon" keeps flashing. 2. "Contrast" marked by indigo light. 	
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<p>Step 5</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">Manu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;"><i>Example: Brightness</i></p>  <ol style="list-style-type: none"> 1. Adjusting scale of 0-255 shows up 2. "Brightness" on indigo light. 3. "Colour icon" keeps flashing 	<p>If selects: Red, Green, Blue. Repeat step 3~ 5 to complete the adjustment.</p>
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<p>Step 7</p> <p style="text-align: center;">↓</p>	<p style="text-align: center;"><i>Example: Brightness</i></p> <ol style="list-style-type: none"> 2. "Brightness" on indigo light. 	<p>* Keeps press the "+ key":</p>
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<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">+/-key</div> <p style="text-align: center;">↓</p>		<p>Value in the Scale is increasing until 216</p> <p>* Keeps press the "- key":</p>
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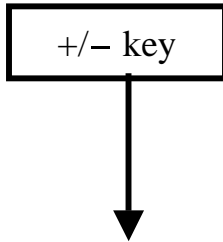
<p>Step 9</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">To select Exit</div>	<p style="text-align: center;"><i>Example: Exit</i></p>  <ol style="list-style-type: none"> 1. "Colour icon" keeps flashing. 2. "Exit" on indigo light. 	<p>As for Red, Green, or Blue Gain adjustment: Repeat step 5~ Step 8.</p>
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<p style="text-align: center;">Step 10</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">Manu key</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">System backs to Mode Selection Status and is ready to select:</div>	<p style="text-align: center;"><i>Example: Exit</i></p> 	
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<p style="text-align: center;">Step 11</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">+/-key</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">Section 2 or Section 3 or Section 4 or</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">H-Position</div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;">V-Position/ Sharpness/ Phase/Clock by "+ key"</div>	<p style="text-align: center;">Section 2: Image Mode Adjustment</p>   <p>The</p> <ol style="list-style-type: none"> 1. "Image icon" keeps flashing. 2. "H-Posit." marked by indigo light. 	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Magnitude Range</td> </tr> <tr> <td>H-Position: 0~146</td> </tr> <tr> <td>V-Position: 0~20</td> </tr> <tr> <td>Sharpness: 1/2/3/4/5</td> </tr> <tr> <td>Phase: 0~31</td> </tr> <tr> <td>Clock: 0~127</td> </tr> </table>	Magnitude Range	H-Position: 0~146	V-Position: 0~20	Sharpness: 1/2/3/4/5	Phase: 0~31	Clock: 0~127
Magnitude Range								
H-Position: 0~146								
V-Position: 0~20								
Sharpness: 1/2/3/4/5								
Phase: 0~31								
Clock: 0~127								

<p>Step 2</p>	<p style="text-align: center;"><i>Example: H-Position</i></p> 	
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Step 3



Example: H-Position

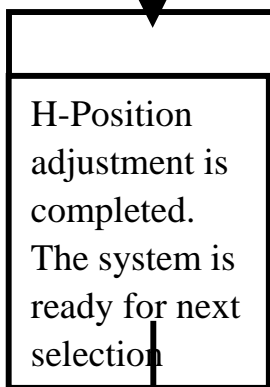


1. "Image icon" keeps flashing.
2. "H-Posit." marked by indigo light.

* Keeps press the "+ key":
Value in the Scale is increasing until 146

* Keeps press the "- key":
Value in the Scale is decreasing until 0. Release the key, the value will stop at the satisfied point.

Step 4

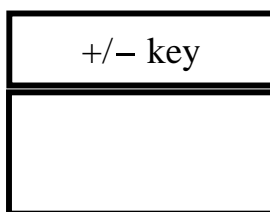


Example: H-Position

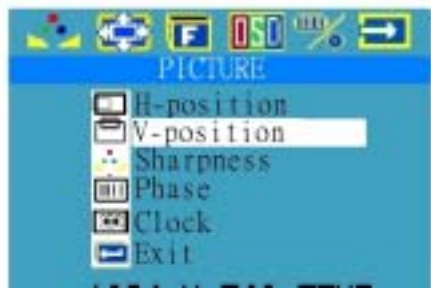


1. "Image icon" keeps flashing.
2. "H-Posit." marked by indigo light.

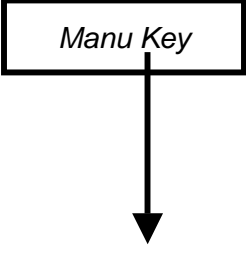

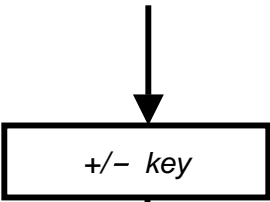

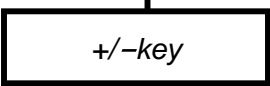
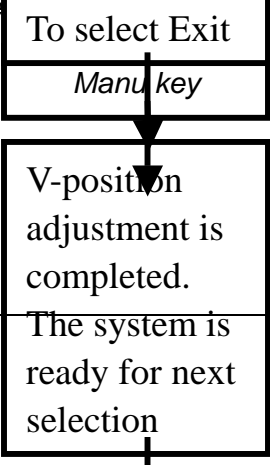

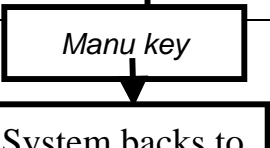

Step 5





Example: V-Position



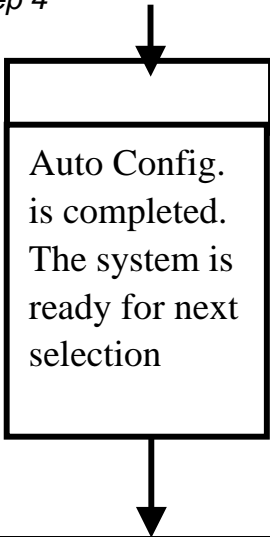
If selects:
Sharpness, Phase,
or Clock:
Repeat step 3~ 5
to complete the
adjustment.

<p>Step 6</p> 	<p>Example: V-Position</p>  <ol style="list-style-type: none"> 1. "Image icon" keeps flashing. 2. "V-Position" on indigo light. 3. Adjusting scale of 0~20 shows up 	
<p>Step 7</p> 	<p>Example: V-Position</p> 	<p>* Keeps pressing "+ key": Value in the Scale is increasing until 20</p> <p>* Keeps pressing "- key": Value in the Scale is decreasing until 0.</p>
	<ol style="list-style-type: none"> 1. "Image icon" keeps flashing. 2. "V-Position" on indigo light. 	<p>Release the adjustment Repeat the Step 8.</p>
<p>Step 8</p> 	<p>Example: V-Position</p>  <ol style="list-style-type: none"> 1. "Image icon" keeps flashing. 2. "V-Position" on indigo light. 	
<p>Step 9 Step 10</p> 	<p>Example: Exit</p> 	<p>As for Sharpness, Phase or Clock</p>

Section 3: Function Execution

Key to be pressed	Menu Display	Remark
<p>Step 1</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Menu Key</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">Auto config</div> <p style="text-align: center;">↓</p>	<p>Example: Auto Configuration</p>  <p>1. "Function icon" keeps flashing. 2. "A. Config" marked by indigo light.</p>	<p>Menu pressed and Display: Auto Config.</p> <p>Selected by +/- key: Auto Position. Auto Phase. Auto Clock. Auto Balance. Exit</p>
<p>Step 2</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; width: 100px; height: 20px; margin: 0 auto;"></div> <p style="text-align: center;">↓</p>	<p>Example: Auto Configuration</p> 	

Step 4

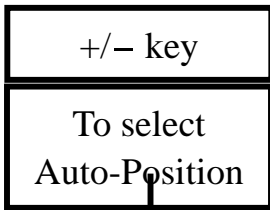


Example: Auto Configuration



1. "Function icon" keeps flashing.

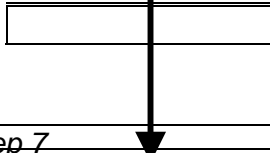
Step 5



Example: Auto-Position

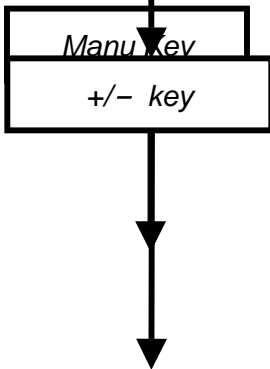


If selects:
Auto Phase, Auto Clock or Auto Balance:
Repeat step 3~ 5 to execute.



1. "Function icon" keeps flashing.
2. "Auto position" Marked on Indigo light.

Step 7
Step 6

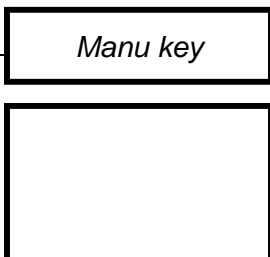


Example: Auto-Position



* Presses "+ key" to select "Yes."
* Presses "- key" to select "No."



Step 8





1. "Function icon" keeps flashing.
2. Yes



Example: Auto-Position

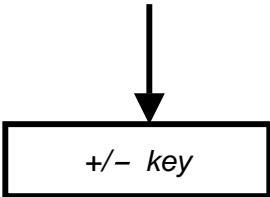

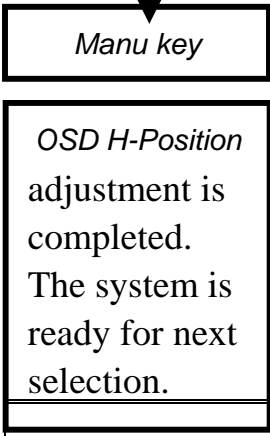

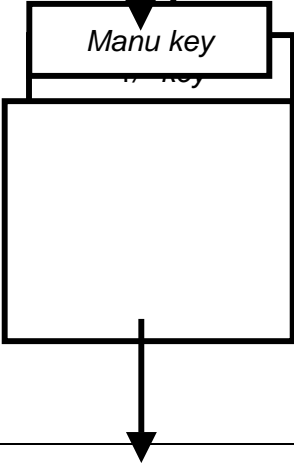

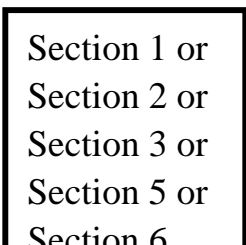



<p>Step 10</p> <p>Manu key</p> <p>System backs to Mode Selection Status and is ready to select:</p>	<p>Example: Exit</p>  <p>1. "Function icon" keeps flashing.</p>	
<p>Step 11</p> <p>+/-key</p> <p>Section 1 or Section 2 or Section 4 or Section 5 or Section 6</p>	 <p>1. The selected icon become flashing.</p>	

Section 4: OSD Manu Adjustment

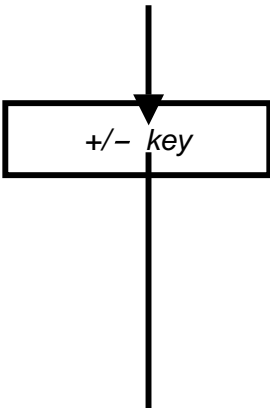

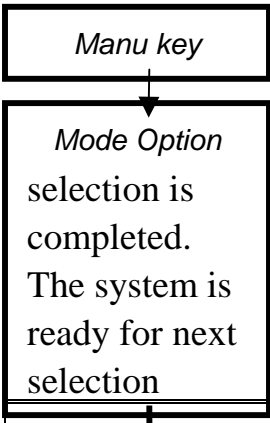

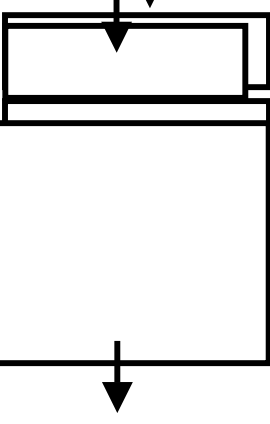

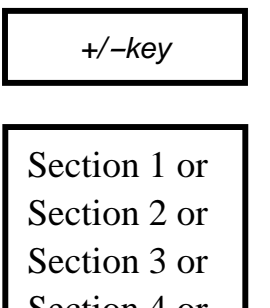

Key to be pressed	Menu Display	Remark
<p>Step 1</p> <p>Menu Key</p> <p>Language</p>	<p>Example: Language</p>  <p>1. "OSD Manu icon" keeps flashing. 2. "Language" marked by indigo light</p>	<p>Manu pressed and Display: Language</p> <p>Selected by +/-key: OSD H-Position. OSD V-Position. OSD Timer. Exit</p>
<p>Step 2</p>	<p>Example: Language</p> 	<p>Language Table: English. Germany. France.</p>

<p>Step 4</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>↓</p> <p>Language setting is completed. The system is ready for next selection</p> <p>↓</p> </div>	<p style="text-align: center;"><i>Example: Language</i></p>  <p>1. "OSD Menu icon" keeps flashing.</p>	
<p>Step 5</p> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>± key</p> <p>↓</p> </div>	<p style="text-align: center;"><i>Example: OSD H-Position</i></p> 	<p>Adjusting Range: OSD Position: H-Position: 0~120 V-position: 0~ 120</p> <p>If selects: OSD V-Position. OSD Timer.</p>



<p>Step 7</p> 	<p>Example: OSD H-Position</p>  <p>1. "OSD Menu icon" keeps flashing.</p>	<p>* Keeps presses "+ key": Value in the Scale is increasing until 120 * Keeps presses "- key": Value in the Scale is decreasing until 0 Release the key, the value will stop at the satisfied point.</p>
<p>Step 8</p> 	<p>Example: OSD H-Position</p>  <p>1. "OSD Menu icon" keeps flashing.</p>	<p>SH-6550 User Guide</p>
<p>Step 9</p> <p>Step 10</p> 	<p>Example: Exit</p>  <p>1. "OSD Menu icon" keeps flashing. 2. "Exit" marked on indigo light.</p>	<p>As for OSD Timer. Repeat step 5~ step 8.</p>
<p>Step 11</p> 		

Section 5: Function Execution

Key to be pressed	Menu Display	Remark
<p>Step 1</p>	<p>Menu Display Example: Input Source</p> <p>1. "Misc icon" keeps flashing. 2. "Input Source" marked by indigo light.</p>	<p>Manu pressed and Display: Input Source.</p> <p>Selected by +/- key: Mode Option. Reset. Exit</p>
<p>Step 2</p>	<p>Example: Input Source</p>	
<p>Step 4</p>	<p>1. " 2. "</p>	
<p>Step 5</p>	<p>1. "</p>	<p>Presses "+ key" to select one of the Input Source among DSUB, AV or S-VIDEO rightward. * Presses "- key" to select one of the Input Source among DSUB, AV, S-VIDEO leftward</p>

<p>Step 7</p> 	<p>Example: Mode Option</p>  <p>1. "Misc icon" keeps flashing.</p>	<p>* Presses "+ key" to select "MAC768-75." * Presses "- key" to select "VESA768-75"</p>
<p>Step 8</p> 	<p>Example: Mode Option</p>  <p>1. "Misc icon" keeps flashing.</p>	
<p>Step 9</p>	<p>Example: Exit</p>	<p>SH-6550 User Guide As for Reset</p>
<p>Step 10</p> 	<p>Example: Exit</p>  <p>1. "Misc icon" keeps flashing. 2. "Misc icon" keeps highlighting.</p>	<p>Repeat step 5~step 8.</p>
<p>Step 11</p> 		

Section 6: OSD Exit

Key to be pressed	Menu Display	Remark
Mode Selection: Exit 	Example: Exit  1. "Exit icon" keeps flashing. 2. Only "Exit" displayed on OSD.	
Step <div style="border: 1px solid black; padding: 5px; display: inline-block;">Menu Key</div>	OSD Disappeared	

3.Specification and Appendix:

3-1 Technical Specification:

Viewing Angle	-60~60 degree (H), -55~45 degree (V)
Display Colors:	16.7 M (8 bits/color)
	0.297 (H) x 0.297 (V)
Contrast Ration:	350:1
Brightness (cd/m2):	250nit
Display Area (mm):	304.1 (H) x 228.1 (V)
Power Supply:	AC 90~264, 50~60Hz Universal

3-2. Appendix A: Systems Compatible:

Input Mode	Resolution	Zoom to 1024x768
XGA	1024 x 768	1:1
SVGA	800 x 600	HQ scale up
VGA	640 x 480	HQ scale up
DOS (Text)	640 x 480	Scale up
DOS (EGA)	640 x 350	Scale up
TEXT	720 x 400	Scale up
MAC	832 x 624	HQ scale up
NTSC	720 x 240(I)	De-interlace
PAL	720 x 288 (I)	De-interlace

3-3: Appendix B: Modes supported

Resolution	Horiz.F (KHz)	Vert. F(Hz)	Display	Remark
1,024 x 768	60	75	OK	
	60	75	OK	MAC
	58	72	OK	
	56	70	OK	
	48	50	OK	
832 x 624	49	75	OK	SH-6550 User Guide
800 x 600	46	75	OK	
720 x 400	37	60	OK	
640 x 480	37	75	OK	
	37	72	OK	
	35	66	OK	
640 x 400	31	60	OK	
	24	56		
640 x 350	31	70		

● Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT OR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, LOSS OF PROFIT, LOSS OF BUSINESS, OR FINANCIAL LOSS WHICH MAY BE CAUSED BY THE USE OF THE PRODUCT EXCEEDS THE

