

WINGTOP

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SH-3100-6.4

SH-3100-8.4

SH-3200-10.4

SH-3210-12.1

User's manual

For TFT LCD RACK-MOUNT MONITOR

1.LCD Monitor Installation

1-1 Installation:

- (1) The following process offers users the best way to set up your LCD Monitor into a whole PC system with correct and safe installation.
- (2) Turn off the power switch of the PC and disconnect from the mains input supply.
- (3) Connect one end of 15-pin Signal Cable to the signal input port on the LCD Monitor (at backpanel) and the other end to the signal output port of PC.(As shown in figure 1.)
- (4) Connect the DC 12V power to the 12V DC input socket of the LCD monitor. (As shown in figure 2.)
- (5) Now connect the PC power cord to the AC power outlet socket.
- (6) Turn on the PC's power switch Run the PC for image adjustment.



Figure 1. Display without Signal Input

CAUTION:

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 function process.

The Sequence flows of Manu Key pressing:

(a) Mode Selection:

(+ 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	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
* “Colour icon” flashed. * “Contrast” marked.	Contrast	Brightness	Red	Green	Blue	Exit
	5 th press	4 th press	3 rd press	2 nd press	1 st press	

← - key

(c) Magnitude Adjustment:

Press Manu key	Adjusting item	Magnitude varied by pressing:
Magnitude Scale shows up	Contrast	+ Key: Value increases to until 255. - Key: Value decreases to until 0.

Mode Exit: Always selects Exit + Manu key pressing to go out from any one of modes to another.

- (d) When the system back to Mode Selection that it is ready for another mode selection.
- (e) As for actually uses of OSD’s Function adjustment and execution, Please refers the item 2-2: “Quick OSD Adjustment & 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:

- (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, 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 backward the icon you want to adjust or execute. 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.
- (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.

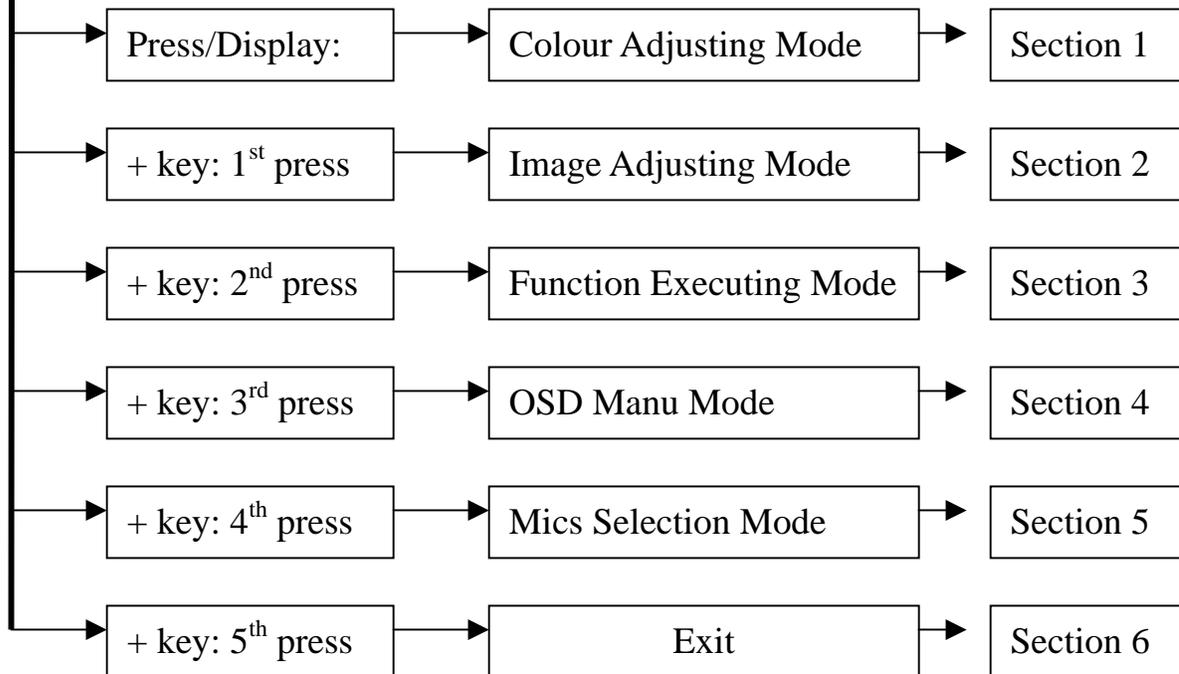
(f) Keep pressing down on this key, and it will keep increasing continually until the key is released.

(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

2-2. Quick OSD Adjustment & Execution Operation:

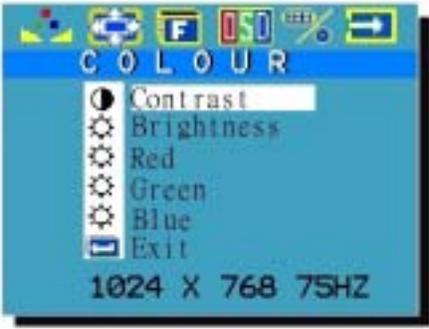
Key to be pressed	Menu Display	Remark
<p>Step 1</p> <div style="border: 1px solid black; padding: 5px; margin: 5px;">Menu Key</div> <div style="border: 1px solid black; padding: 5px; margin: 5px;">OSD Menu shows up.</div>	 <p>1. "Colour Icon" keeps flashing. 2. Mode is ready for Colour Adjustment. 3. Resolution displayed</p>	

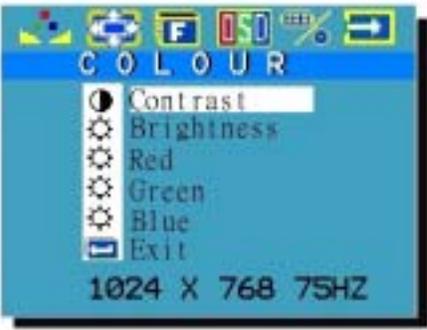


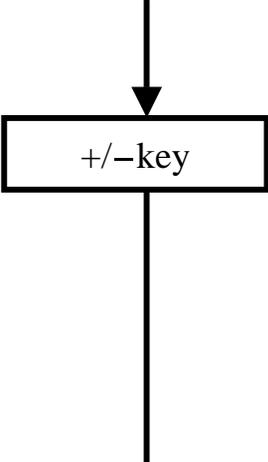
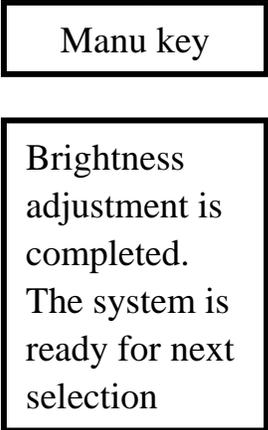
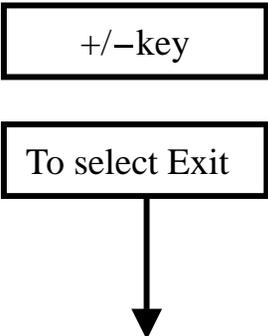
Remark:

- (1) Reverse selection is available to make by “- key”.
- (2) Always get out from one mode to another by selecting “exit” and pressing “Manu key” to execute.

Section 1 : Colour Mode Adjustment

Key to be pressed	Menu Display	Magnitude Range
<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> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Contrast</div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Brightness/ Red/Green/ Blue by “+ key”</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Contrast</p>  <p>1. “Colour icon” keeps flashing. 2. “Contrast” marked by indigo light.</p>	<p>Contrast: 0~255</p> <p>Brightness: 0~216</p> <p>Red Gain: 0~255</p> <p>Green Gain: 0~255</p> <p>Blue Gain: 0~255</p>
<p>Step 2</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Menu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Contrast</p>  <p>1. “Colour icon” keeps flashing. 2. “Contrast” marked by indigo light. 3. Adjusting scale of 0~255 shows up.</p>	
<p>Step 3</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">+/- key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Contrast</p>  <p>1. “Colour icon” keeps flashing. 2. “Contrast” marked by indigo light.</p>	<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>

<p>Step 4</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Menu Key</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <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;">Example: Contrast</p>  <p>1. "Colour icon" keeps flashing. 2. "Contrast" marked by indigo light.</p>	
<p>Step 5</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">+/- key</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;"> <p>To select Brightness</p> </div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Brightness</p>  <p>1. "Colour icon" keeps flashing. 2. "Brightness" on indigo light.</p>	<p>If selects: Red, Green, Blue. Repeat step 3~ 5 to complete the adjustment.</p>
<p>Step 6</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Manu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Brightness</p>  <p>1. "Colour icon" keeps flashing. 2. "Brightness" on indigo light. 3. Adjusting scale of 0~216 shows up</p>	

<p>Step 7</p> 	<p>Example: Brightness</p>  <ol style="list-style-type: none"> 1. "Colour icon" keeps flashing. 2. "Brightness" on indigo light. 	<p>* Keeps press the "+ key": Value in the Scale is increasing until 216</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>
<p>Step 8</p> 	<p>Example: Brightness</p>  <ol style="list-style-type: none"> 1. "Colour icon" keeps flashing. 2. "Brightness" on indigo light. 	
<p>Step 9</p> 	<p>Example: Exit</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>

Step 10

Manu key

System backs to Mode Selection Status and is ready to select:

Example: Exit



1. "Colour icon" keeps flashing.

Step 11

+/-key

Section 2 or
Section 3 or
Section 4 or
Section 5 or
Section 6

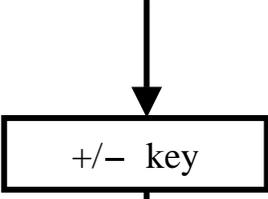
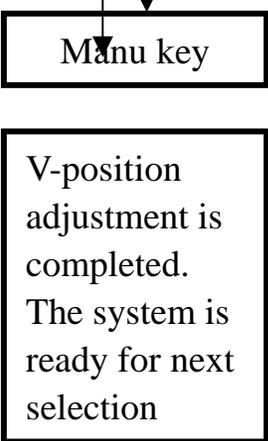
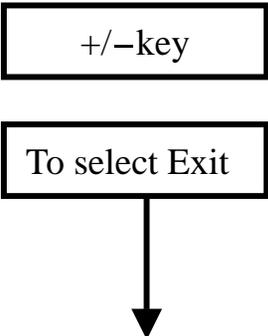


The selected icon become flashing.

Section 2: Image Mode Adjustment

Key to be pressed	Menu Display	Magnitude Range
<p>Step 1</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">Menu Key</div> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">H-Position</div> <p style="text-align: center;">or</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">V-Position/ Sharpness/ Phase/Clock by “+ key”</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: H-Position</p>  <p>3. “Image icon” keeps flashing. 4. “H-Posit.” marked by indigo light.</p>	<p>H-Position: 0~146 V-Position: 0~20 Sharpness: 1/2/3/4/5 Phase: 0~31 Clock: 0~127</p>
<p>Step 2</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">Menu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: H-Position</p>  <p>4. “Image icon” keeps flashing. 5. “H-Posit.” marked by indigo light. 6. Adjusting scale of 0~146 shows up.</p>	
<p>Step 3</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">+/- key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: H-Position</p>  <p>3. “Image icon” keeps flashing. 4. “H-Posit.” marked by indigo light.</p>	<p>* 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.</p>

<p>Step 4</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">Menu Key</div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> H-Position adjustment is completed. The system is ready for next selection </div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: H-Position</p>  <p>3. "Image icon" keeps flashing. 4. "H-Posit." marked by indigo light.</p>	
<p>Step 5</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">+/- key</div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> To select V-Position </div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: V-Position</p>  <p>3. "Image icon" keeps flashing. 4. "V-Position" on indigo light.</p>	<p>If selects: Sharpness, Phase, or Clock: Repeat step 3~ 5 to complete the adjustment.</p>
<p>Step 6</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Manu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: V-Position</p>  <p>4. "Image icon" keeps flashing. 5. "V-Position" on indigo light. 6. Adjusting scale of 0~20 shows up</p>	

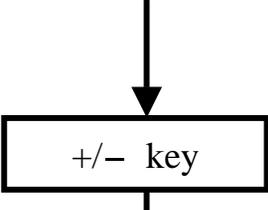
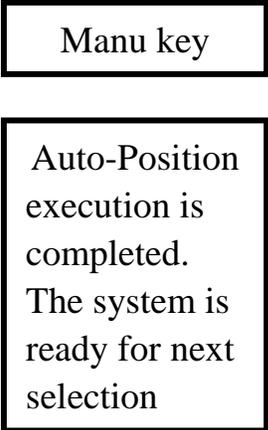
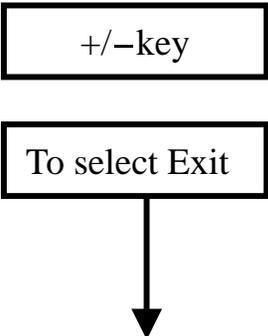
<p>Step 7</p> 	<p>Example: V-Position</p>  <p>3. "Image icon" keeps flashing. 4. "V-Position" on indigo light.</p>	<p>* Keeps pressing "+ key": Value in the Scale is increasing until 20 * Keeps pressing "- key": Value in the Scale is decreasing until 0 Release the key, the value will stop at the satisfied point.</p>
<p>Step 8</p> 	<p>Example: V-Position</p>  <p>3. "Image icon" keeps flashing. 4. "V-Position" on indigo light.</p>	
<p>Step 9</p> 	<p>Example: Exit</p>  <p>3. "Image icon" keeps flashing. 4. "Exit" on indigo light.</p>	<p>As for Sharpness, Phase or Clock adjustment: Repeat step 5~ Step 8.</p>

<p>Step 10</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Manu key</div> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px;">System backs to Mode Selection Status and is ready to select:</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Exit</p> <div style="text-align: center;">  </div> <p>1. "Image icon" keeps flashing.</p>	
<p>Step 11</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">+/-key</div> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px;">Section 1 or Section 3 or Section 4 or Section 5 or Section 6</div>	<div style="text-align: center;">  </div> <p>The selected icon become flashing.</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>5. "Function icon" keeps flashing. 6. "A. Config" marked by indigo light.</p>	<p>Manu 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: 150px; height: 30px; margin: 0 auto;"></div> <p style="text-align: center;">↓</p>	<p>Example: Auto Configuration</p>  <p>7. "Function icon" keeps flashing.. 8. Yes/No execution shows up.</p>	
<p>Step 3</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">+/- key</div> <p style="text-align: center;">↓</p>	<p>Example: Auto Configuration</p>  <p>"Function icon" keeps flashing.</p>	<p>* Presses "+ key" to select "Yes." * Presses "- key" to select "No."</p>

<p>Step 4</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Menu Key</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">Auto Config. is completed. The system is ready for next selection</div> <p style="text-align: center;">↓</p>	<p>Example: Auto Configuration</p>  <p>5. "Function icon" keeps flashing.</p>	
<p>Step 5</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">+/- key</div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px; text-align: center;">To select Auto-Position</div> <p style="text-align: center;">↓</p>	<p>Example: Auto-Position</p>  <p>1. "Function icon" keeps flashing. 2. "Auto position" Marked on Indigo light.</p>	<p>If selects: Auto Phase, Auto Clock or Auto Balance: Repeat step 3~ 5 to execute.</p>
<p>Step 6</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Manu Key</div> <p style="text-align: center;">↓</p>	<p>Example: Auto-Position</p>  <p>7. "Function icon" keeps flashing. 8. Yes/No execution shows up.</p>	

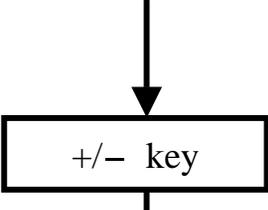
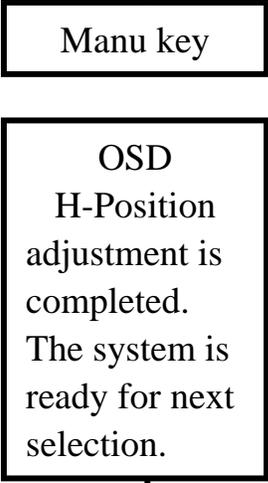
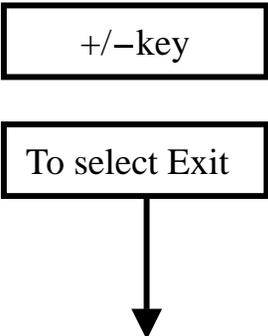
<p>Step 7</p> 	<p>Example: Auto-Position</p>  <p>“Function icon” keeps flashing.</p>	<p>* Presses “+ key” to select “Yes.” * Presses “- key” to select “No.”</p>
<p>Step 8</p> 	<p>Example: Auto-Position</p>  <p>“Function icon” keeps flashing.</p>	
<p>Step 9</p> 	<p>Example: Exit</p>  <p>5. “Fuction icon” keeps flashing. 6. “Exit” marked on indigo light.</p>	<p>As for Auto Phase, Auto Clock or Auto Balance: Repeat step 5~ step 8.</p>

<p>Step 10</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80px; text-align: center;">Manu key</div> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 150px; text-align: center;">System backs to Mode Selection Status and is ready to select: <p style="text-align: center;">↓</p> </div>	<p style="text-align: center;">Example: Exit</p>  <p style="text-align: center;">“Function icon” keeps flashing.</p>	
<p>Step 11</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 100px; text-align: center;">+/-key</div> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 150px; text-align: center;">Section 1 or Section 2 or Section 4 or Section 5 or Section 6</div>	 <p style="text-align: center;">The selected icon become flashing.</p>	

Section 4: OSD Manu Adjustment

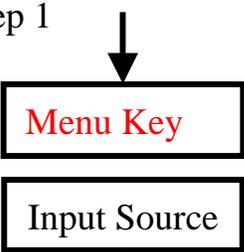
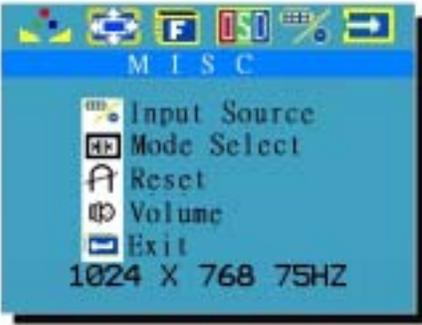
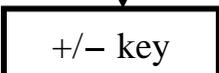
Key to be pressed	Menu Display	Remark
<p>Step 1</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Menu Key</div> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 5px auto;">Language</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Language</p>  <p>7. “OSD Manu icon” keeps flashing. 8. “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 style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">Menu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Language</p>  <p>9. “OSD Manu icon” keeps flashing.. 10. Language table shows up.</p>	<p>Language Table: English. Germany. France. Spanish Italy</p>
<p>Step 3</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;">+/- key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Language</p>  <p>“OSD Manu icon” keeps flashing.</p>	<p>* Presses “+ key” to select the language downward * Presses “- key” to select the language upward.</p>

<p>Step 4</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;">Menu Key</div> <div style="border: 1px solid black; padding: 5px;">Language setting is completed. The system is ready for next selection</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Language</p>  <p style="text-align: center;">6. “OSD Menu icon” keeps flashing.</p>	
<p>Step 5</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center; margin-bottom: 10px;">+/- key</div> <div style="border: 1px solid black; padding: 5px; text-align: center;">To select OSD H-Position</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: OSD H-Position</p>  <p style="text-align: center;">3. “OSD Menu icon” keeps flashing. 4. “OSD H-position” Marked on Indigo light.</p>	<p>Adjusting Range: OSD Position: H-Position: 0~120 V-position: 0~ 120</p> <p>If selects: OSD V-Position. OSD Timer. Repeat step 3~ 5 to execute.</p>
<p>Step 6</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Menu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: OSD H-Position</p>  <p style="text-align: center;">9. “OSD Menu icon” keeps flashing. 10. Adjusting Scale of 0~120 shows up.</p>	

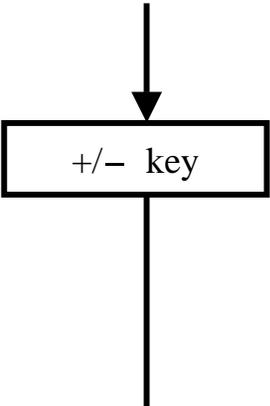
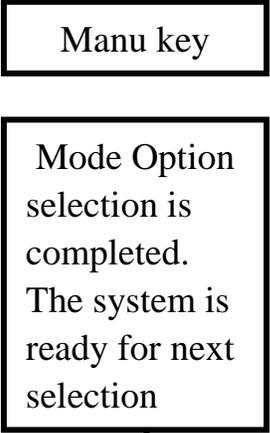
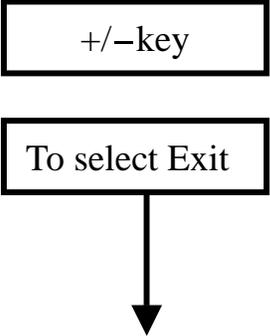
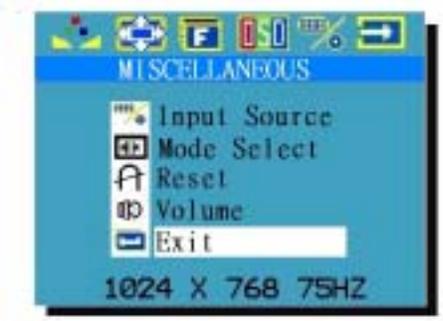
<p>Step 7</p> 	<p>Example: OSD H-Position</p>  <p>“OSD Menu icon” keeps flashing.</p>	<p>* Keeps presses “+ key”: Value in the Scale is increasing until 120 * Keeps presses “- key”: Value in the Scale is decreasing until 0 Release the key, the value will stop at the satisfied point.</p>
<p>Step 8</p>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

<p>Step 10</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80px; text-align: center;">Manu key</div> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 150px; text-align: center;">System backs to Mode Selection Status and is ready to select:</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Exit</p>  <p style="text-align: center;">“OSD Manu icon” keeps flashing.</p>	
<p>Step 11</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 120px; text-align: center;">Section 1 or Section 2 or Section 3 or Section 5 or Section 6</div>	 <p style="text-align: center;">The selected icon become flashing.</p>	

Section 5: Function Execution

Key to be pressed	Menu Display	Remark
<p>Step 1</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">Example: Input Source</p>  <p>9. “Misc icon” keeps flashing. 10. “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> <div style="text-align: center;">  </div>	<p style="text-align: center;">Example: Input Source</p>  <p>11. “Misc icon” keeps flashing.. 12. “DSUB/AV/S-VIDEO” shows up</p>	
<p>Step 3</p> <div style="text-align: center;">  </div>	<p style="text-align: center;">Example: Input Source</p>  <p>“Misc icon” keeps flashing.</p>	<p>Presses “+ key” to select one of the Input Source among DSUB, AV or S-VIDEO rightward.</p> <p>* Presses “- key” to select one of the Input Source among DSUB, AV, S-VIDEO leftward</p>

<p>Step 4</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">Menu Key</div> <div style="border: 1px solid black; padding: 5px;"> <p>Input Source Selection is completed. The system is ready for next selection.</p> </div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Input Source</p>  <p>“Misc icon” keeps flashing.</p>	
<p>Step 5</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px; text-align: center;">+/- key</div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> <p>To select Mode Option</p> </div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Mode Option</p>  <p>5. “Misc icon” keeps flashing. 6. “Mode Option” Marked on Indigo light.</p>	<p>If selects: Reset. Repeat step 3~ 5 to execute.</p>
<p>Step 6</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; text-align: center;">Manu Key</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Mode Option</p>  <p>11. “Misc icon” keeps flashing. 12. MAC 768-75/VESA768-75 shows up.</p>	

<p>Step 7</p> 	<p>Example: Mode Option</p>  <p>“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>“Misc icon” keeps flashing.</p>	
<p>Step 9</p> 	<p>Example: Exit</p>  <p>9. “Misc icon” keeps flashing. 10. “Exit” marked on indigo light.</p>	<p>As for Reset Repeat step 5~step 8.</p>

<p>Step 10</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80px; text-align: center;">Manu key</div> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 150px; text-align: center;">System backs to Mode Selection Status and is ready to select:</div> <p style="text-align: center;">↓</p>	<p style="text-align: center;">Example: Exit</p> <div style="text-align: center;">  </div> <p style="text-align: center;">“Misc icon” keeps flashing.</p>	
<p>Step 11</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 100px; text-align: center;">+/-key</div> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 150px; text-align: center;">Section 1 or Section 2 or Section 3 or Section 4 or Section 6</div>	<div style="text-align: center;">  </div> <p style="text-align: center;">The selected icon become flashing.</p>	

Section 6: OSD Exit

Key to be pressed	Menu Display	Remark
<p>Mode Selection:</p> <p>Exit</p> <p style="text-align: center;">↓</p>	<p>Example: Exit</p>  <p>11. "Exit icon" keeps flashing. 12. Only "Exit" displayed on OSD.</p>	
<p>Step</p> <p style="text-align: center;">↓</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>Menu Key</p> </div>	<p>OSD Disappeared</p>	

3.Specification and Appendix:

3-1 Technical Specification:

Model No.	SH-3100-6.4	SH-3100-8.4	SH-3200-10.4	SH-3210-12.1
LCD Panel:	12.1" TFT, 0.264mm, TTL 10.4" 8.4" 6.4"	8.4" TFT	10.4" TFT	12.1" TFT
Viewing Angle	-80~80 degree (H), -80~80 degree (V)			
Resolution:	1280 x 1024 (SXGA) 1024 x 768 (XGA) 800 x 600 (SVGA) 640 x 480 (VGA)	800 600 (SVGA)	800 600 (SVGA)	800 600 (SVGA)
Display Colors:	16.7 M (8 bits/color)			
Pixel Pitch (mm):	0.264 (H) x 0.264 (V)			
Contrast Ration:	450:1			
Brightness (cd/m2):	350nit			
Display Area (mm):	337.92 (H) x 270.34 (V)			
Power Supply:	DC 12V Input	DC 12V Input	DC 12V Input	DC 12V Input
Power management:	VESA-DPMS 30W Max.; Power Down Mode: less than 3W			

User's Control:	Power on/off, OSD control			
Environmental Condition:	Operation Temp.: 0~50 degree C Storage Temp.: -20~60 degree C Humidity: 10~90%			
Accessories:	Signal cable			

3-2. Appendix A: Systems Compatible:

Input Mode	Resolution
SXGA	1280 x 1024
XGA	1024 x 768
SVGA	800 x 600
VGA	640 x 480
DOS (Text)	640 x 480
DOS (EGA)	640 x 350
TEXT	720 x 400
MAC	832 x 624
NTSC	720 x 240(I)
PAL	720 x 288 (I)

3-3: Appendix B: Modes supported

Resolution	Horiz.F (KHz)	Vert. F(Hz)	Display	Remark
1,280 x 1,024	50	75	OK	
	48	60	OK	
	45	56	OK	
1,024 x 768	60	75	OK	
	60	75	OK	MAC
	58	72	OK	
	56	70	OK	
	48	50	OK	
	49	75	OK	
800 x 600	46	75	OK	
	48	72	OK	
	37	60	OK	
	35	56	OK	
	31	70	OK	
640 x 480	37	75	OK	
	37	72	OK	
	35	66	OK	
	31	60	OK	
640 x 400	31	60	OK	
	24	56	OK	
640 x 350	31	70	OK	

3-4 Appendix C: Decorating plate Assemble and Dismantle

MENO