SHINYBOW™

MULTIMEDIA AUDIO AND VISUAL

OSD Instruction Manual

HDMI VIDEO SCALER

MODEL : SB-3879

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Thank you for purchasing the SB-3879 HDMI video scaler. You will find this unit easy to install and highly reliable. But it is essential that you read this manual thoroughly before attempting to use the scaler.
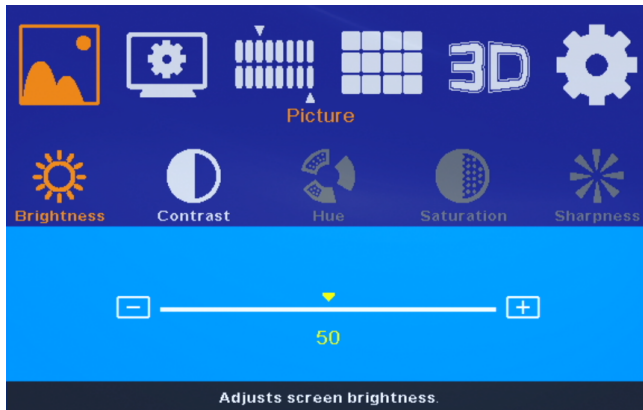
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PICTURE

PICTURE allows you to digitally adjust the brightness, contrast, hue, saturation, and sharpness of the images. An unilluminated icon suggests the function is not available. To enable it, the unit color must be set in custom mode. Go to the 3rd icon in the first layer to change the setting in color: Image properties -> color -> custom-> save. Be sure to save your setting. Otherwise, the value will not be set.

- Layer one, the 1st icon from left
- Choose the icon and use the down arrow key to open the next layer, which has five options: brightness, contrast, hue, saturation, and sharpness
- Hue, saturation, and sharpness, the three icons are illuminated only when signals of AV, S-Video, or component video are present on the scaler

Brightness
  Use arrow key right and left to adjust the value

Contrast
  Use arrow key right and left to adjust the value

Hue
  Use arrow key right and left to adjust the value
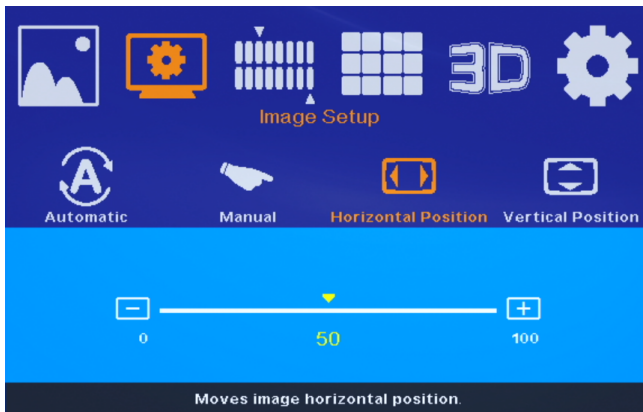 Adjustable only when the unit receives valid AV, S-Video, or component video signals.

Saturation
  Use arrow key right and left to adjust the value
  Adjustable only when the unit receives valid AV, S-Video, or component video signals.

Sharpness
  Use arrow key right and left to adjust the value
  Adjustable only when the unit receives valid AV, S-Video, or component video signals.

To enable the IMAGE SETUP, a valid VGA signal must be present on the scaler. An illuminated icon indicates the presence of a VGA signal.

- First layer, the 2nd icon from left
- Choose the icon and use the down arrow key to open the second layer, which has four options: automatic, manual, horizontal position, vertical position

Automatic
SB-3879 reads the Input signal and automatically sets the optimal value for the Output.

Manual
Clock
Phase
Save

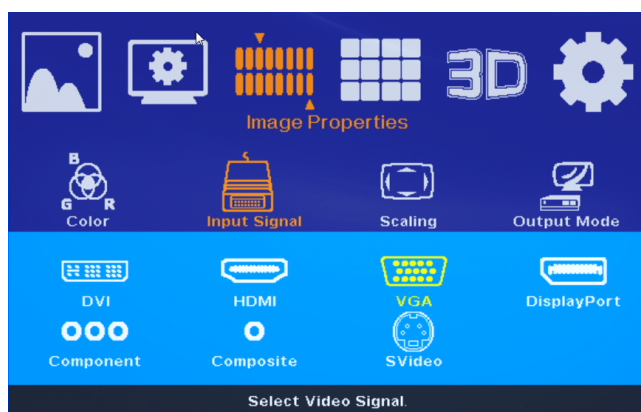## Horizontal Position
Move the image to right or left.

Vertical Position
Move the image up or down.

IMAGE PROPERTIES

IMAGE PROPERTIES allow you to change Color, select Input Signal, adjust scaling, and change Output Resolution. Resolutions not listed on the front panel button can be selected here, under the output mode.

- Layer one, the 3rd icon from left
- Choose the icon and use the down arrow key to open up the second layer, which has four options: color, input signal, scaling, output mode
- Setting the color in custom mode can enable the PICTURE function (layer one, the 1st icon from left).

Color
Preset Mode: Standard, sRGB, warm, cold
Custom: Red, Green, Blue, Save

Input Signal
DVI, HDMI, VGA, Display Port, Component, Composite Video, S-Video

Scaling
Original AR, Full Screen

Output Mode
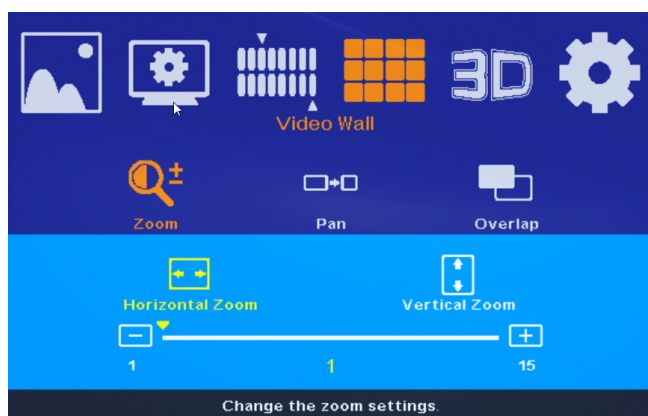Select one desired output resolution from the following 11 choices.

OTHERS	720x480,800x600,1280x800,1280x1024,1360x768,1400x1050,
	1600x1200,1920x1200
XGA	1024x768
WXGA	1280x768
720p	1280x720
1080p	1920x1080

When the front panel button OTHERS is pressed, the scaler will automatically apply the resolution 1360x768. Users may continue pressing OTHERS to cycle through the following four resolutions:
1360x768 -> 1280x1024 -> 1600x1200 -> 1920x1200

SB-3879 scaler is able to send divided images on multiple display devices and build a video wall, be it a wall of size 1x2, 2x2, or 10x10. Maximally, the scaler can make possible a video wall of 15 by 15 screens. Note that an SB-3879 is required for each output. Users may arrange the position and adjust the size of each image block under the TV WALL function.

- Layer one, the 3rd icon from the left
- Choose the TV wall icon, use the down arrow key to open the next layer, which has three options: zoom, pan, overlap

ZOOM: Use right / left key to adjust the value of the parameter.

Horizontal zoom: enlarge the image on the left and right ends.
Vertical zoom: enlarge the image upwardly and downwardly.

PAN: Arrange the relative position of the image in the TV wall.

First calculate the size of the TV wall: the number of displays horizontally and vertically connected. Then, assign numbers to indicate relative position. Take the following two TV walls for example.

3x2 TV wall (Horizontal: 3 ; Vertical: 2)
Display No. 4 should be assigned :
Horizontal Zoom = 1
Vertical Zoom = 2
Display No. 5 should be assigned :
Horizontal Zoom = 2
Vertical Zoom = 2

3x3 TV wall (Horizontal: 3 ; Vertical: 3)
Display No.9 should be assigned:
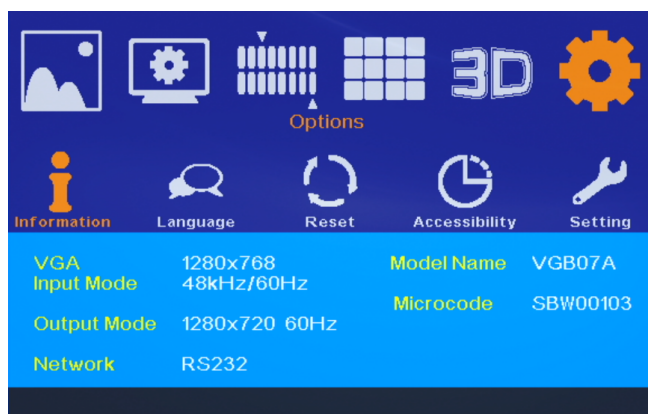Horizontal Zoom = 3
Vertical Zoom = 3

OVERLAP: Align the overlapping images for visual continuum.

Move the image up, down or to left, right by adjusting the parameters of the top edge, bottom edge, left edge, and right edge.
To return to the original setting, press RESET.

OPTIONS

OPTIONS allows you to check the connection status, change menu language, return to factory default, save setting, and make adjustments to the setting of the OSD menu.

- Layer one, the 6th icon from left
- Press the down arrow key to open up the second layer, which has five options: info, language, reset, accessibility, setting

INFO
Check the connection status of Input/Output ports, the model name, the connection status of RS232/Ethernet ports, and firmware version.

LANGUAGE
Change the OSD language to English, Simplified Chinese, or Traditional Chinese.

RESET
Return to factory default setting.
Reset all: reset all options.
Reset video wall: reset all the options relating to video wall function only.

ACCESSIBILITY
Button repeat rate: Adjust the unit response time when MENU button is pressed.

    Off: Press MENU button, and the MENU shows up/disappears once.

    Default: Return to the factory default setting.

    Slow: Press MENU button and hold on for longer seconds, the unit will take more time than default to respond.

Menu time out: Adjust the length of time OSD menu stays on screen.

    On: The OSD menu will disappear after a period of time. You can lengthen or shorten the menu display time.

    Off: Stop the OSD menu from disappearing automatically. When the function is turned off, the OSD menu will not disappear until MENU button is pressed again.

Logo time out: Adjust the length of time the logo stays on screen when the unit is turned on.

SETTING
Mute: Stop playing sounds.
BOX ID: Check the ID of the unit.
Profile: Save and reload the settings. The unit can memorize a total of 5 different settings.
Network: Serial Port, Ethernet