VSP 526SP – Quick Start

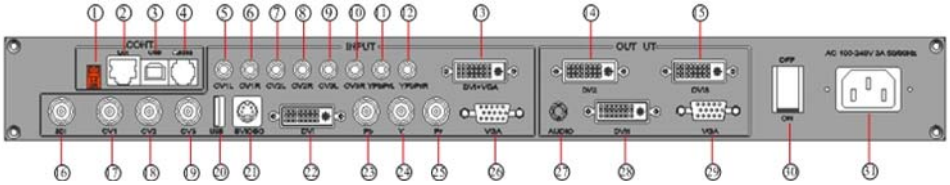
NOTE For full installation, configuration, and operation details, refer to the VSP 526 user manual, which is available at www.rgblink.com.

This guide provides quick start instructions for an experienced installer to set up and operate the VSP 526.

IMPORTANT
Refer to www.rgblink.com for the complete user manual and installation instructions before connecting the product to the power source.

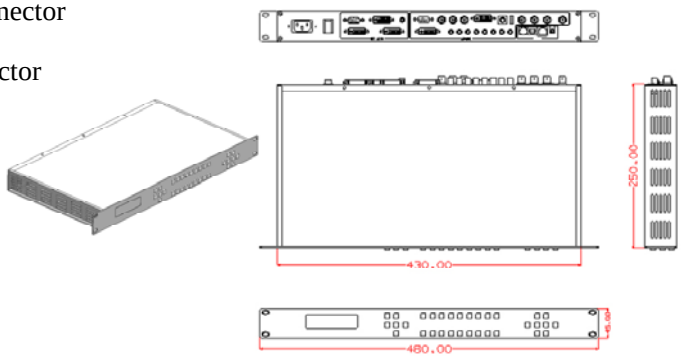
Installation and cabling features

Rear Panel



Connections

①	Mini switches	⑰~⑲	Composite female BNC connectors	㉙	DSUB 15-pin VGA output connector
②	LAN RJ-45 port	⑳	USB Input connector	㉚	Power switch button
③	USB control port	㉑	SVideo Input connector	㉛	Power cord connector IEC-3
④	RS232 control port	㉒	DVI input connector		
⑤~⑫	Audio Input connectors	㉓~㉕	Component three female BNC connectors		
⑬	DVI+VGA input connectors	㉖	DSUB 15-pin VGA input connector		
⑭⑮	DVI output connectors	㉗	Audio Output connector		
⑯	SDI female BNC connector	㉘	DVI output connector		



Step 1-Mounting

Turn off or disconnect all equipment power sources.

Step 2-SDI input

Used to support SD/HD SDI input .(SDI input is the optional module for VSP 526,VSP 526 with SDI input module is VSP 526S.)

Step 3-Composite input

Used to input composite signal (PAL, NTSC, SECAM compatible).

Step 4-USB input

Used to play media files from disk with USB connect or portable Hard Disk.

Step 5-S-Video input

Used to input S-Video signal (PAL, NTSC, SECAM compatible).

Step 6-DVI input

Input the video signal from computer, DVI signal generator.

Step 7-Component input

Used to input signal from players like DVD;R/Pr G/Y B/Pb from left.

Step 8-VGA input

Input from computer or VGA source.

Step 9-Audio input

Used to input audio signals from DVD player or audio sources.

Step 10-DVI+VGA input

Input the graphic signal from computer, DVI or VGA signal generator. User can input DVI and VGA by DVI to DVI+VGA cable together. Or input VGA only by VGA to DVI adaptor, or DVI directly by DVI cable.

DVI to DVI+VGA cable is one end in DVI-I or DVI-D male connector, another end in DVI-I or DVI-D female connector with a VGA male connector.

DVI to VGA converter, which is one end in DVI-I male connector, one end in VGA male connector.

Step 11-DVI output

Connect to the monitor or LED control system which has DVI interface.

NOTE DVI2 and DVI3 output are part of P module of VSP 526.The output image of the two ports can be each 1/2 of DVI1 (it can split pictures into two part in horizontal or vertical) and each resolution of them are always the same to DVI1.

Step 12-VGA output

Connect to the monitor, projector and so on.

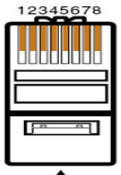
Step 13-Audio output

Connect to the speaker or other audio system.

Step 14-LAN(Ethernet) port

Use twist CAT5 cable to connect to LAN port, user can control VSP 526 based on default IP address: 192.168.0.100. User can also change the IP address by RS 232 or USB.

Twist CAT5 should be one end in T568A, and another end in T568B standard.



Insert Twisted Pair Wires
RJ-45 Connector

Crossover Cable

Pin	End 1 Wire color	End 2 Wire color
1	White-green	White-orange
2	Green	Orange
3	White-orange	White-green
4	Blue	Blue
5	White-blue	White-blue
6	Orange	Green
7	White-brown	White-brown
8	Brown	Brown
	T568A	**T568B**

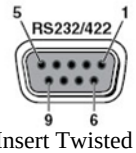
CAT5 is wired as T568A at one end and T568B at the other(Tx and Rx pairs reversed) is crossover.

Step 15-USB port

Use USB cable to connect the VSP 526 and computer.

Step 16-Serial port

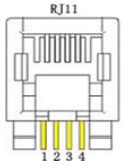
Use RS232 to RJ11 cable to connect a control system or computer to the back panel RJ11 port and the other end on RS232 port. RS232 to RJ11 cable as following definition.



Insert Twisted Pair Wires
RS232/RS422 Connector

Pin	RS-232	Function	RS-422	Function
2	TX	Transmit	TX-	Transmit(-)
3	RX	Receive	RX-	Receive(-)
5	GND	Signal Ground	GND	Signal Ground
7	---	Not used	RX+	Receive(+)
8	---	Not used	TX+	Transmit(+)

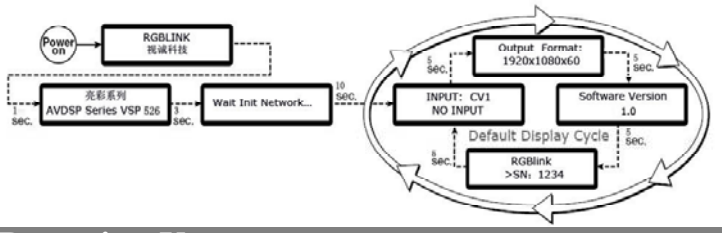
Pin	RJ-11	Function
1	---	Not used
2	RX	Receive
3	TX	Transmit
4	GND	Signal Ground



Insert Twisted Pair Wires
RJ11 Connector

Step 17-Power

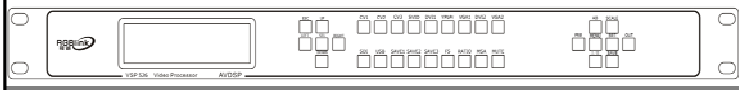
Plug in power cord which has IEC connector, VSP 526 support AC power from 85 to 260 VAC,50-60Hz, which means world wide compatible.



Powering Up

Push power button switcher to ON position. LCD module on the front panel will show RGBLINK and VSP 526 model information, and go into self verification before it load the last setting configuration data and send the processed image to the target display or device. For the first time running, CV1 input is the default input source. User can operate with VSP 526 with local front panel and remote control with the software run on the PC, remote control by RS232, USB or TCP/IP.

Local control -- Front Panel Operation



Step 1-Output resolution

Push OUT button and use UP or DOWN button to go to the right resolution for the monitor or display system, and push SEL button to decide to go to the resolution.

NOTE VSP 526 support 8 output formats.

800x600x60Hz 1024×768×60Hz
1280×768×60Hz 1280×1024×60Hz
1440×900×60Hz 1400×1050×60Hz
1920×1080×60Hz 1600×1200×60Hz

Output resolution should be the same or bigger than monitor or display system resolution.

Step 2-Input Switch

VSP 526SP support 11 input sources: CV1, CV2,CV3, USB,SVideo, DVI1(HDMI 1.3 compatible),YPbPr, VGA1, SDI, DVI2 and VGA2 (only VSP 526 support DVI2 and VGA 2). push each source button, will switch to each source input, and display on the target monitor or display system.

NOTE When there is not video or graphic input for the input source, and user switch to the input, the last frame of the video or graphic of last input will keep on display.

For push to USB input, will always go to USB input show window.

Step 3-Scale

Push Scale button and go into scale setting menu. Use UP or DOWN to go to Horizontal size, Vertical size, Horizontal position, Vertical position setting page, and push SEL to decide to set, and use UP or DOWN to change the size or position value. Push SEL to send and exit from the setting.

NOTE Keep push UP or DOWN button, the value of the size or position will change faster and faster during setting values.

Step of each change from 1 to 10 to 100 pixels.

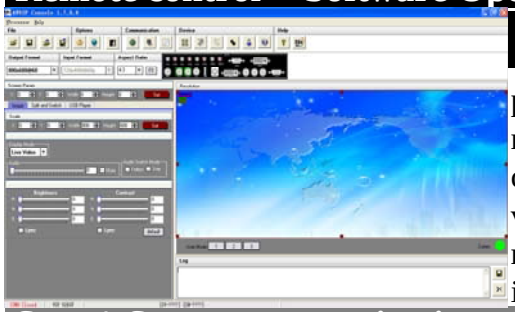
Step 4-Save

VSP 526 support 3 user setting mode. Push SAVE button and SVAE1, SVAE2, SAVE3 buttons will light on, push any one of them to save the setting. After that user can push each of them to call the setting.

NOTE SAVE1 setting is default user setting after VSP 526 power on.

All the user settings will gone after factory reset.

Remote control -- Software Operation



NOTE For setup software, please check with user manual. And install correct language version to work with right language user interface.

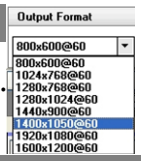
Step 1-Set up communication

Use the RS 232 port on the computer, baudrate should be 115200.

 Set COM  Open COM  Close COM

Step 2-Output resolution

Select output resolution from pull down output list.



Step 3-Scale

User can scale the image with mouse drap and drop operation; User can also scale by input the data into the scale parameters and set.

Step 4-Save

Push “Save to flash” button and select one of user mode to save, there are three user mode in the list.

 Save to flash button, use to save user mode

Advance operation for seamless switch and mosaic

VSP 526P support video and graphic seamless switch with other inputs, and also mosaic function for all the inputs, following operation shows the advance function.

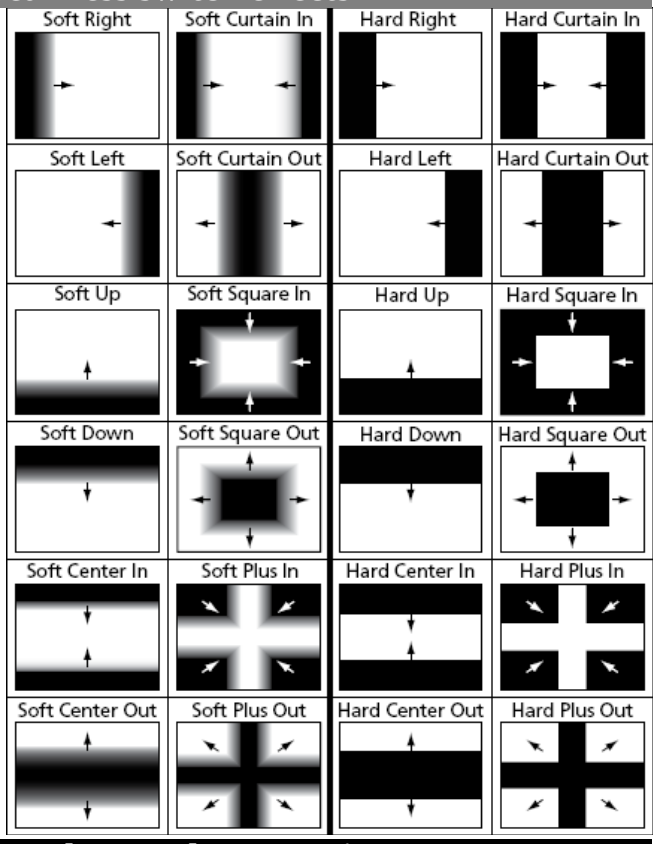
Local control – Seamless switch

Firstly push AB button to active the seamless switch effects menu, use LEFT or RIGHT to go to different effects menu and use SEL to check to use that effect or go into the effect menu to set the effect value, such as fade in fade out delay. Secondly, push input source button to check the seamless switch effect.

NOTE VSP 526 support seamless switch function between VGA2 input and other inputs except DVI2; also support seamless switch between DVI2 input and other inputs except VGA2.

For example, push CV1 will switch from DVI2 with seamless effect and push DVI2 will switch from CV1.

Seamless switch effects



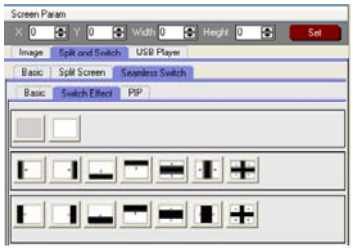
Local control – Mosaic

VSP 526 support any input to zoom in to 2 DVI output on P module of VSP 526, and these two output can max support up to 1920*1080*60Hz resolution. These two DVI output can support mosaic function for two display or projector. Push MENU to go into main menu and use LEFT or RIGHT to go to MOSAIC menu, push SEL to go into the function and use LEFT or RIGHT to set horizontal mosaic or vertical mosaic. Push SEL to check to use this function.

Horizontal Mosaic

Vertical Mosaic

Remote control for seamless switch and mosaic



Use mouse to push seamless switch page on the software, select seamless function by click and click on the source to switch with the effect.

Use mouse to push mosaic function page on the software, select horizontal mosaic or vertical mosaic, and set X,Y position in need.