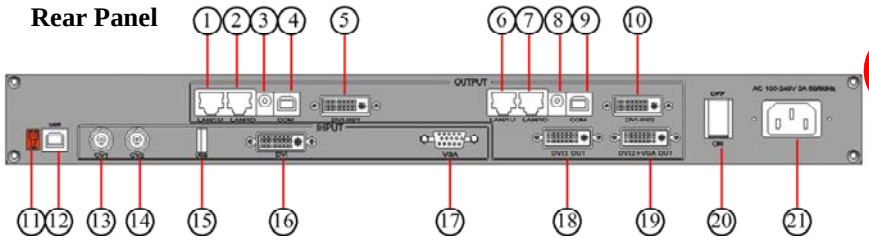
VSP 112 – Quick Start

NOTE For full installation, configuration, and operation details, refer to the VSP 112 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 112.

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

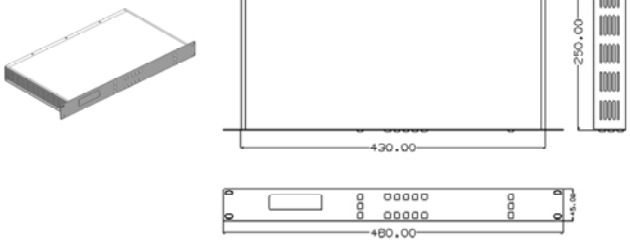
Rear Panel



Connections

1 2 6 7 LAN RJ-45 port
3 8 Power connector
4 9 12 USB control port
5 10 Sending card DVI Input connector
11 Mini switches
13 14 Composite female BNC connectors
15 USB Input connector
16 DVI input connector
17 DSUB 15 pin VGA input connector
18 DVI output connector
19 DVI output connector
20 Power switch button
21 Power cord connector IEC-3

NOTE 1 2 3 4 is not standard module.



Step 1-Mounting

Turn off or disconnect all equipment power sources.

Step 2-Composite input

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

Step 3-USB input

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

Step 4-DVI input

Input the video signal from computer, DVI signal generator and so on.

Step 5-VGA input

Input from computer or VGA source.

Step 6-DVI output

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

Step 7-VGA output

Connect to the monitor, projector and so on.

Step 8-USB port

Use USB cable to connect the VSP 112 and computer.

NOTE User could use a DVI to DVI+VGA adaptor to accept DVI and VGA signal， or use a DVI to VGA adaptor to accept VGA signal

One side of DVI to DVI+VGA adaptor is with DVI-I or DVI-D male interface, another side is DVI-I or DVI-D female interface

One side of DVI to VGA adaptor is with DVI-I male interface,nother side is VGA female interface

Step 9-LAN(Ethernet) port

Use twist CAT5 cable to connect to LAN port, user can control VSP 112 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.

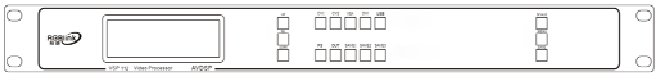
Step 10-Power

Plug in power cord which has IEC connector, VSP 112 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 112 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 112 with local front panel and remote control with the software run on the PC, remote control by USB .

Local control - Front Panel Operations



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 112 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

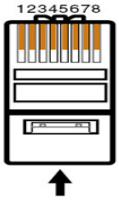
VSP 112 support 5 input source, CV1, CV2, USB, DVI, VGA, push each source button, will switch to each source input, and display on the target monitor or display system.

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 manual. 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.

Pins

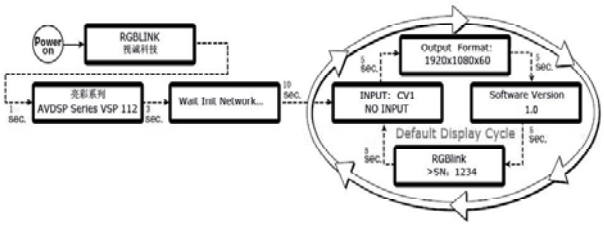


Insert Twisted Pair Wires **RJ-45 Connector**

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.



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

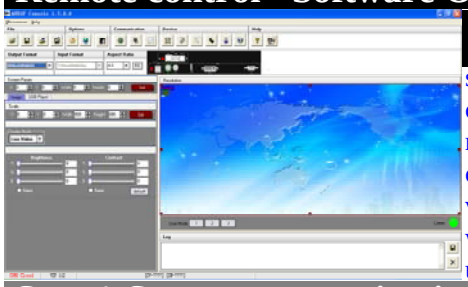
Step 4-Save

VSP 112 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 112 power on. All the user settings will gone after factory reset.

Factory reset:After wrong operation, users need to do factory to make all the configurations default value, Push MENU button, find the recall option, press SEL button to do 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.

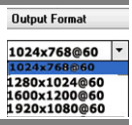
Step 1-Set up communication

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

NOTE Factory reset: User need to do factory reset after wrong operations to reset all the configurations to the default setting. Click on the control menu, select factory reset option.