

VSP 737 - Quick Start

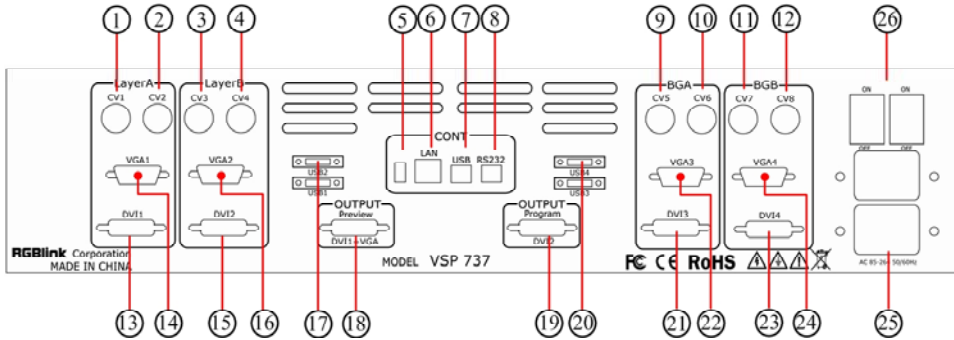
NOTE

For full installation, configuration, and operation details, refer to the VSP737 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 737.

Installation and Connection

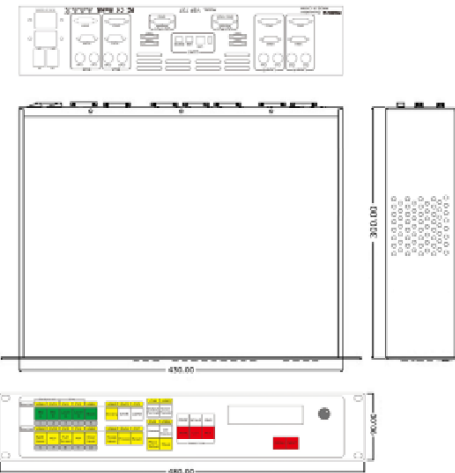
Rear Panel



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

Interface

- | | | | |
|---------|--------------------|---|----------------------|
| ① ~ ④ | CVBS Input BNC | ⑮ | DVI+VGA Output DVI-I |
| ⑨ ~ ⑫ | | ⑲ | DVI Output DVI-I |
| ⑤ | Mini Switch | ⑳ | Power port IEC-3 |
| ⑥ | RJ-45 Port | ㉑ | Switch and Power |
| ⑦ | USB Control Port | | |
| ⑧ | RS232 Control Port | | |
| ⑬ ⑮ ⑲ ㉑ | DVI Input DVI-I | | |
| ⑭ ⑯ ㉒ ㉔ | VGA Input DB-15 | | |
| ⑰ ㉓ | USB Input | | |



Step 1-Install

Power down all inputs and outputs.

Step 2-CVBS input port BNC

CVBS is for composite signal input connection, support composite signal include: PAL, NTSC and SECAM, and CV5~CV8 is background signal source.



Step 3-VGA Input DB15

VGA input is for VGA player connection, Composite with YPBPR, receive signal from DVD player, and VGA3/4 is background signal source.



Step 4-DVI1/2 Input DVI-I

DVI1/2 input can receive HDMI from HD player and computer video signal via DVI connector.



Step 5-DVI3/4 Input Port

DVI3/4 input can receive computer signal via DVI image. User can receive DVI signal via DVI cable as background image.



Step 6-Preview(DVI1+VGA) Output Port

Can connect display with DVI port, and used to preview signal state, or preview with VGA monitor via tieline adapter.



One end of DVI to DVI+VGA tieline is DVI-I or DVI-D male port, and another end is DVI-I or DVI-D female port with a VGA male port.

One end of DVI to VGA tieline is DVI-I male port, and another end is VGA male port.



Step 7-Program(DVI2) Output Port

DVI output is for DVI display connection or LED control system, etc.



Step 8 - Lan Control Port

Apply the CAT5 crosswire, with T568A standard for one end and T568B for the other, according to the informational diagram below. User can apply the RS232 or USB port to alter the default IP address 192.168.0.100 of device.

End Terminal Definition of cross wire terminal



Plug the cross cable into RJ-45 port

Terminal	Color of T568A	Color of T568B
1	Green-White	Orange-White
2	Green	Orange
3	Orange-White	Green-White
4	Blue	Blue
5	Blue-White	Blue-White
6	Orange-White	Green
7	Brown-White	Brown-White
8	Brown	Brown

T568A

T568B

CAT5 crosswire with T568A standard for one end and T568B for the other

Step 9-USB Port

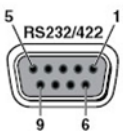
USB cable is for the connection between VSP 737 and computer.



Step 10-Serial Port

For RS232-to-RJ11 cable, the RS232 end is to connect computer or other operating system, the RJ11 end is to connect the RJ11 port on the rear panel of VSP 737.

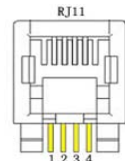
Details as below:



Plug the cross cable into RS232/RS422 port

Terminal	RS-232	Function	RS-422	Function
2	TX	Sending	TX-	Sending(-)
3	RX	Receiving	RX-	Receiving(-)
5	GND	Ground Signalling	GND	Ground Signal
7	---	Without Use	RX+	Receiving(+)
8	---	Without Use	TX+	Sending(+)

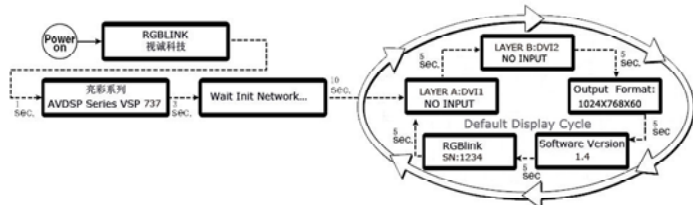
Terminal	RJ-11	Function
1	---	Without Use
2	RX	Receiving
3	TX	Sending
4	GND	Ground Signal



Plug cross cable into RJ11 port

Step 11 - Power Port

VSP 737 use dual power backups to connect IEC port to the power input port of VSP 737, 85-265 volt AC is available for VSP 737's power supply, and the present worldwide power system is compatible for VSP 737.



Power On

Turn on the mains switch, information about RGBlink company and the device will be displayed on LCD screen in turn. After self-test, device goes into the ready mode, LCD screen will in turn show input signal and format/ output format/ software version and device serial number. User can control or adjust the device via buttons on front panel, TCP/IP, RS 232 or USB remote operation.

Local Control-Front Panel Operation



Step 1-Set Output Resolution

Tap output button to open the resolution setup menu, rotate the knob, select the required resolution and tap the knob of NEXT button to confirm, system will log out in seconds automatically.

NOTE 10 output resolutions as below are feasible for VSP 737: 800x600x60Hz, 1024x768x60Hz, 1280x768x60Hz, 1280x1024x60Hz, 1366x768x60Hz, 1440x900x60_nrHz, 1440x900x60Hz, 1600x1200x60Hz, 1600x1200x60_rHz, 1920x1080x60Hz;

Step 2-Input signal programming

VSP 737 has 8 composite video inputs, 4 VGA inputs (compatible of YPBPR), 4 DVI inputs(compatible of HDMI 1.3), 4 USB inputs, among these inputs, 4 composite inputs, 2 VGA inputs, 2 DVI inputs and 2 USB inputs are background input, corresponding to the inputting signals from ports.

VSP 737 supports 4 channel input programming: Use the PRO button and signal source composite button to program on the inputting signal source, and preliminarily monitor on the PREVIEW output port on back panel, all programming is finished in the PREVIEW channel.

Programming steps as below: Tap PRO button, button light on, yellow background silkscreen effective, present inputting signal sources of 4 channels are lighted on. The default input of LAYER A is: DVI1, while LAYER B: DVI2, and BGA: DVI3, and BGB: DVI4. Directly select the intended button to change for other input signals, e.g. tag PRG button then CV2 button to change DVI1 signal to CV2 signal, the LCD screen will show CV2 LAYER A. The same goes for changing signals of other channels. After the setting, tap PRG button, log out the programming function, button light off, inputting signal programming finished.

NOTE The corresponding input signal sources of these 4 channels are as below:

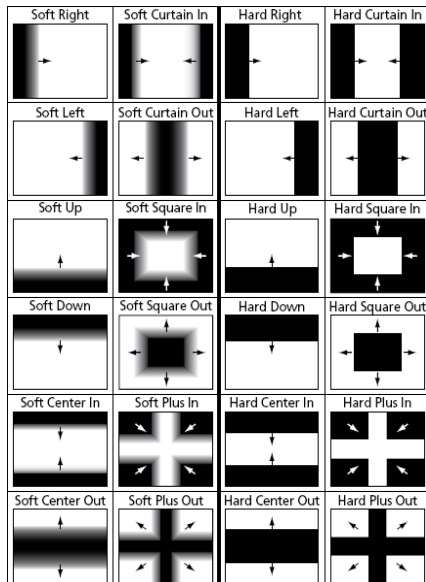
LAYER A: CV1, CV2, VGA1, DVI1, USB1;
LAYER B: CV3, CV4, VGA2, DVI2, USB2;
BG A: CV5, CV6, VGA3, DVI3, USB3;
BG B: CV7, CV8, VGA4, DVI4, USB4;

Step 3-Input signal switching

There have three ways to switch : WIPE, CUT and MIX:
WIPE : In WIPE menu there are many modes to choose.
CUT: is the direct switch without transiting effect ;
MIX : fade in fade out, click this button can set the times of fade in fade out .

NOTE User can program the signal or other setting in the preview channel, after that ,click the WIPE, CUT or MIX button, can finish the signal switch.

WIPE :WIPE switch have some transition effect ;



Step 4-SCALE

In the LAYER A or LAYER B,click the scale into the Scale menu, rotate the knob,choose the Scale setting:
Scale Width; Scale Height;
Scale Pos X: position X; Scale Pos Y: position Y;
after adjust the scale , click the NEXT button ,and then adjust the knob , after setting ,click the NEXT button again ,and finish this setting

NOTE The fast operation of knob , the fast if the value of Scale。 Rate of change will be from 1 to 10 and to 100.

Step 5-SAVE

VSP 737 support 10 user saving modes. Push SAVE button and SVAE1-10,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 737 power on. the user settings will gone after factory reset.

Step 6-SAVE choose

VSP 737 support 10 user adjust saving modes. Push LOAD button and LOAD 1- LOAD10, 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.push the LOAD button again , the LOAD1-10 will light off , and ESC .

Step 7-Factory Reset

Factory Reset: When there is wrong operation during parameter adjustment, users can recall the device and readjust the parameter. Following the steps: Press Control option in the menu bar, and click the submenu Reset to initiate factory reset. LED will display in the RESET FINISHED.