



4K@60Hz 2x2 TV WALL CONTROLLER



Description

The 2x2 TV Wall Controller, support 1-way HDMI input and 4 HDMI output, the main function is to divide a complete HDMI, HD image signal into 4 blocks and assign to 4 video display unit (such as Rear projection unit, LCD TV, etc.), Complete with 4 HDMI high-definition video display units to form a large dynamic image screen.



Support modes



1x1



4x1



2x1



2x2



3x1



1x2



1x3

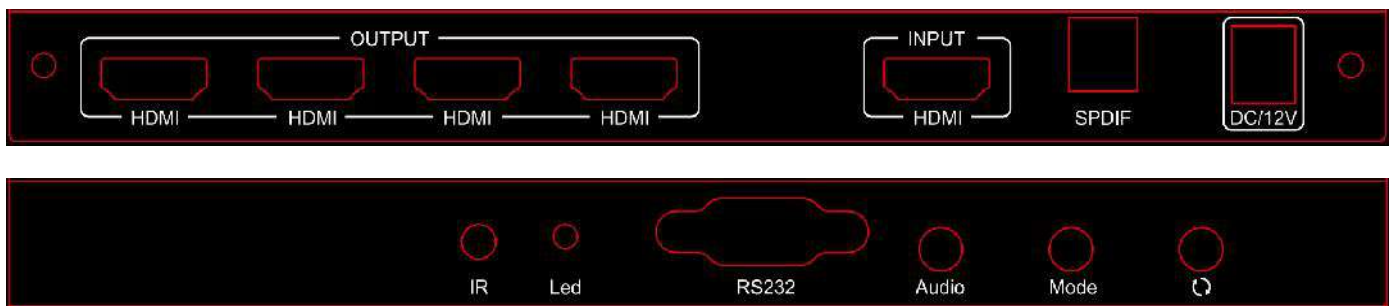


1x4

Features

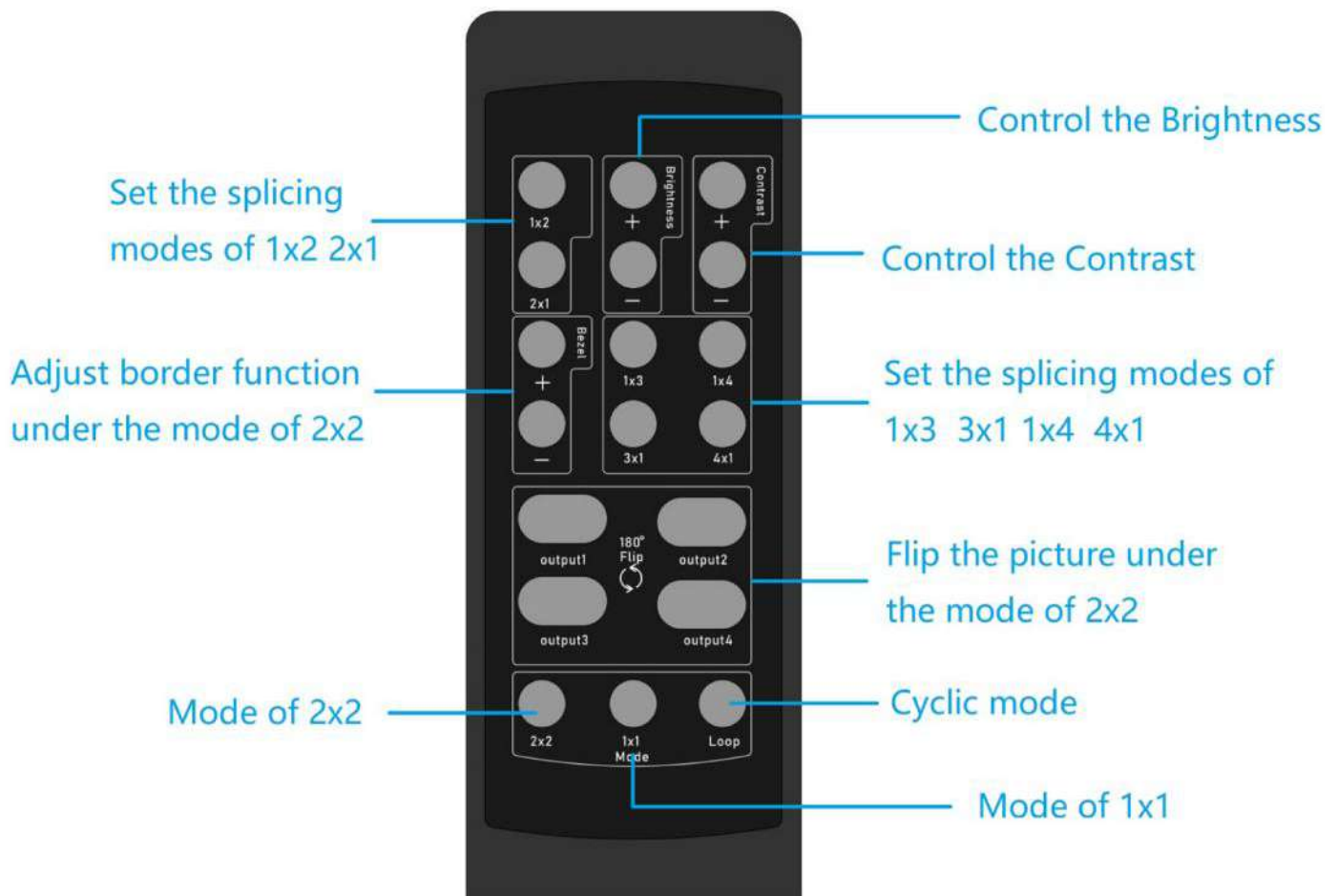
- * Support 1 HDMI input
- * Support input HDMI 2.0
- * Support 4 HDMI outputs
- * Support input 4K60Hz, and lower resolution
- * Support output resolution 1920x1080P60
- * Support multiple splicing modes, easy to operate, plug and play

Physical interface diagram



OUTPUT	→	HDMI Signal Output
INPUT	→	HDMI Signal Input
SPDIF	→	Digital Audio Output
DC/12V	→	Power Adaptor Input
IR	→	Remote Receiver
LED	→	Power Light
RS232	→	RS232 Control
Audio	→	Audio ON or OFF
Mode	→	Different Mode Switch
	→	Flip the picture under the mode of 2x2

Remote Controller



Operation Steps

STEP 1: Connect HDMI source to HDMI input with HDMI cable, connect HDMI output to TV

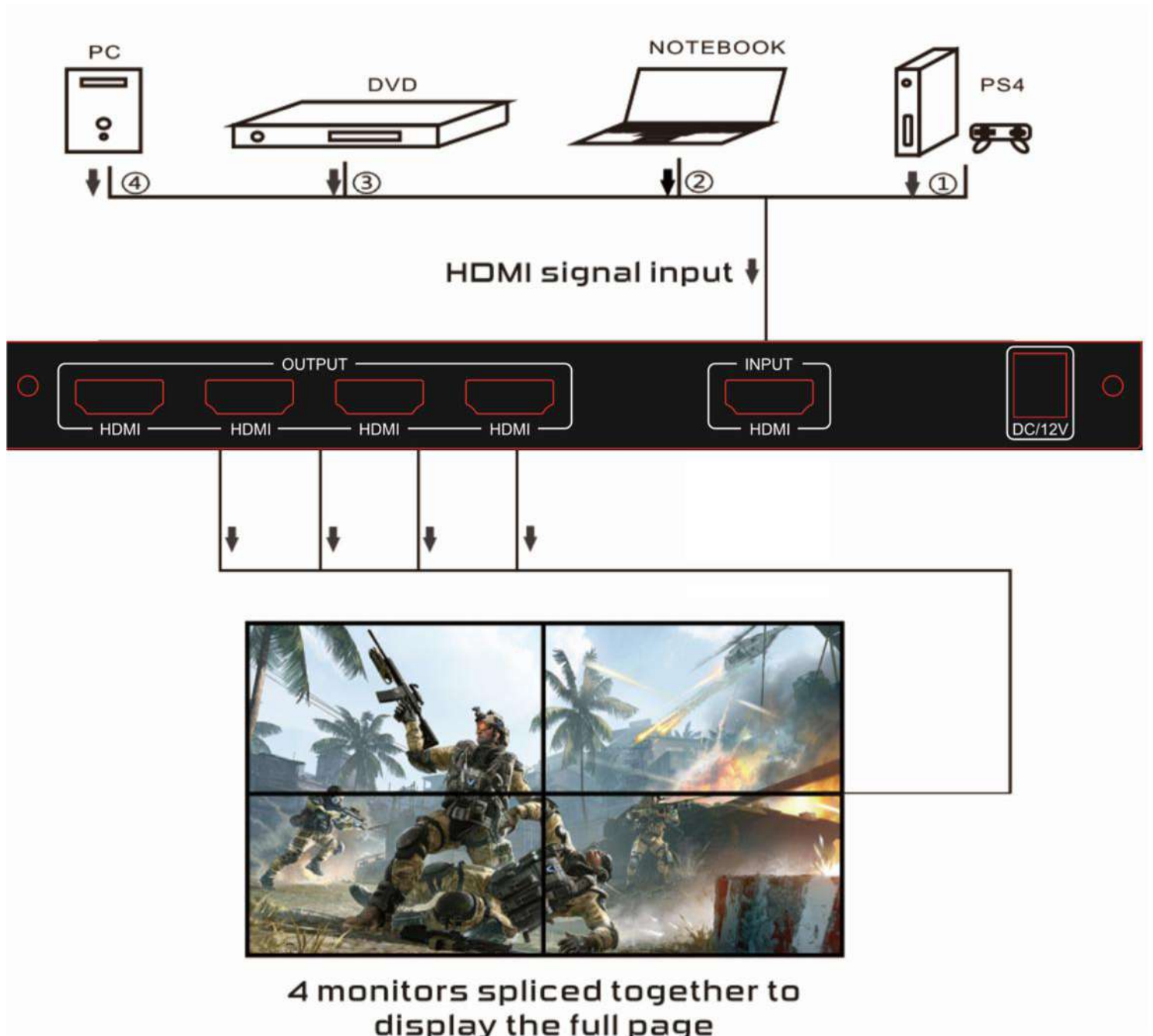
STEP 2: Connect 12V power adaptor.

STEP 3: Set up splicing mode by the MODE button on the unit or remote controller.

The Package includes

- | | |
|---------------------------|-----|
| 1. 2X2 TV wall controller | x 1 |
| 2. Power adapter | x 1 |
| 3. User Manual | x 1 |

Connection Operation



RS232 remote control

This product supports RS232 remote command control and returns the status. Connect the RS232 port of the splicer to the PC COM port by a Rs232 uncrossed cable or USB to RS232 adapter. Then install serial port tools in the PC can use RS232 control.

Parameter configuration of serial port on PC side

Baud rate	115200
Parity bits	NONE
Data bits	8
Stop bits	1

Serial port command table:

NO	Send command			Return	
	ASCII	HEX	Instruction	Successful	Failure
1	!Sw0#	0x21 0x53 0x57 0x30 0x23	Switch to OFF mode	!Rc0#	NONE
2	!Sw1#	0x21 0x53 0x57 0x31 0x23	Switch to 1X1 Spliced mode	!Rc1#	NONE
3	!Sw2#	0x21 0x53 0x57 0x32 0x23	Switch to 2X2 Spliced mode	!Rc2#	NONE
4	!Sw3#	0x21 0x53 0x57 0x33 0x23	Switch to 1X2 Spliced mode	!Rc3#	NONE
5	!Sw4#	0x21 0x53 0x57 0x34 0x23	Switch to 1X3 Spliced mode	!Rc4#	NONE
6	!Sw5#	0x21 0x53 0x57 0x35 0x23	Switch to 1X4 Spliced mode	!Rc5#	NONE
7	!Sw6#	0x21 0x53 0x57 0x36 0x23	Switch to 2X1 Spliced mode	!Rc6#	NONE
8	!Sw7#	0x21 0x53 0x57 0x37 0x23	Switch to 3X1 Spliced mode	!Rc7#	NONE
9	!Sw8#	0x21 0x53 0x57 0x38 0x23	Switch to 4X1 Spliced mode	!Rc8#	NONE
10	!Sw9#	0x21 0x53 0x57 0x39 0x23	Backward loop switch mode	!RCX#(X:0-8)	NONE
11	!SWA#	0x21 0x53 0x57 0x41 0x23	Forward loop switch mode	!RCX#(X:0-8)	NONE
12	!SWB#	0x21 0x53 0x57 0x42 0x23	Standby	!RcB#	NONE
13	!SWC#	0x21 0x53 0x57 0x43 0x23	Power on	!RcC#	NONE
14	!SWD#	0x21 0x53 0x57 0x44 0x23	Turn on the OSD show	!RcD#	NONE
15	!SWE#	0x21 0x53 0x57 0x45 0x23	Turn off the OSD show	!RcE#	NONE
16	!COM#	0x21 0x43 0x4f 0x4d 0x23	Reads current state	Power state/ OSD state/ Display mode e.g. !RCC#! RCE#!RC2#	NONE

