



USER MANUAL

Multi-screen box
(4K@60Hz)

Enjoy the vivid world

Before using the product, please read this manual carefully and keep it properly.

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Introduction :

Multi-screen system is an industrial-grade high-performance product specially developed for small-scale LCD splicing screen, multi-channel projection fusion and other scenarios. With the HDMI/DP input and the HDMI output interface. Simple installation, easy to debug, plug and play.



Features :

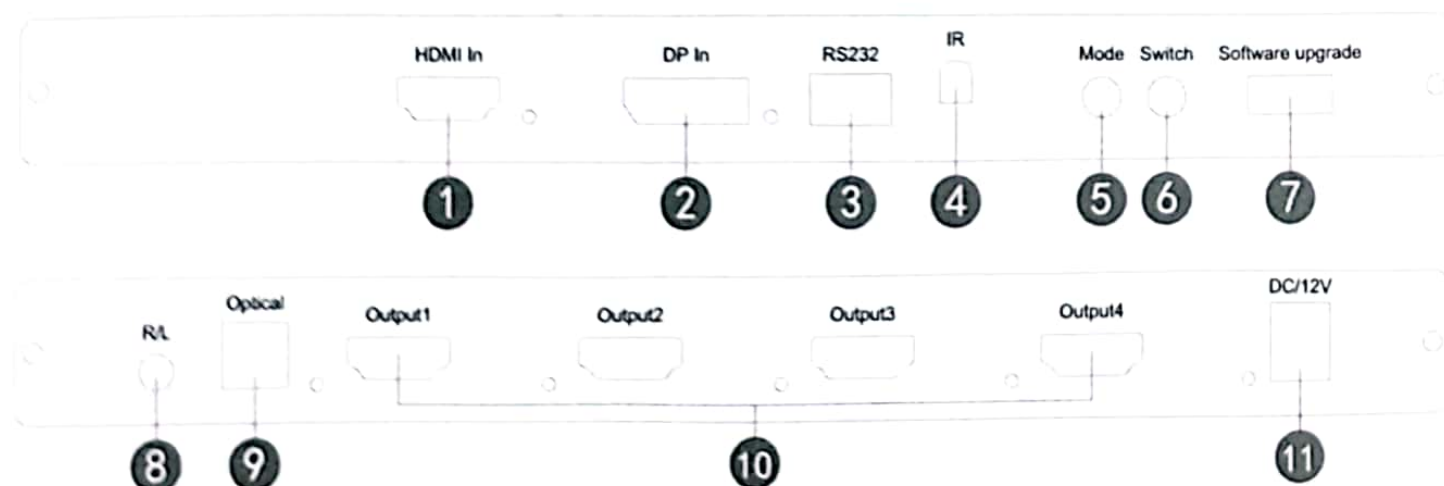
- * Super-high resolution, support 4 HDMI outputs with each resolution maximum 1920 x1200@60hz;
- * Point to point, no stretching, no deformation, no need to compress the input source, clear picture;
- * Support HDMI/DP inputs;
- * Support four HDMI outputs, one 3.5mm stereo output; and a fiber audio output;
- * Support RS232 protocol;
- * Support the power-off-memory function;
- * Support 2x2 splicing, easy to operate, plug and play;
- * Support cascading to achieve maximum resolution splicing, for example: 4x4 splicing wall, through four Multi-screen boxes to achieve 7682x4320, 8K display.

Specifications :

Input resolution 3840x2400@60Hz/7680x1200@60Hz/1920x4800@60Hz

HDMI output resolution 1920x1080P@60Hz/1920x1200P@60Hz
 Support video format YUV444 YUV422 YUV420 RGB444
 Support audio format LPCM
 Max bandwidth 600MHz
 Max baud rate 6x3Gbps
 HDMI cable length 10M AWG26 HDMI standard cable
 Max working current 0.75A
 Power adapter format Input: AC (50HZ, 60HZ) 100V-240V; Output: DC12V/1A
 Operating temperature range (-15 to +45℃)
 Operating humidity range 5 to 90%RH (No Condensation)
 Dimension (L x W x H) 226x129x25(mm)
 Weight 603g

Interface diagram :



- 1: HDMI In — HDMI input
- 2: DP In — DP input
- 3: RS232 — RS232 port
- 4: IR — Infrared receiver
- 5: MODE — Switch splicing mode
- 6: Switch — Input signal switch button

- 7: Software upgrade — Upgrade interface
- 8: R/L — 3.5mm Stereo output
- 9: Optical — Optical audio output port
- 10: Output1-4 — HDMI output port
- 11: DC/12V — DC12V Power port

Multiple splicing mode:

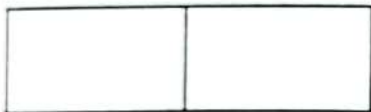
Normal splicing:



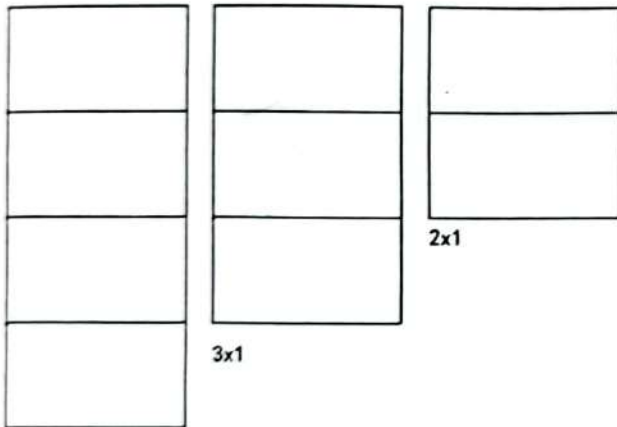
1x4



1x3



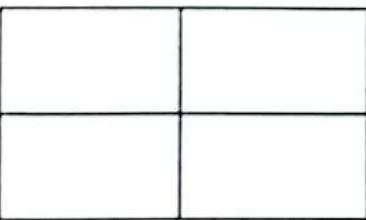
1x2



2x1

3x1

4x1



2x2

1x2 resolution: 3840*1080@60/3840*1200@60

1x3 resolution: 5760*1080@60/5760*1200@60

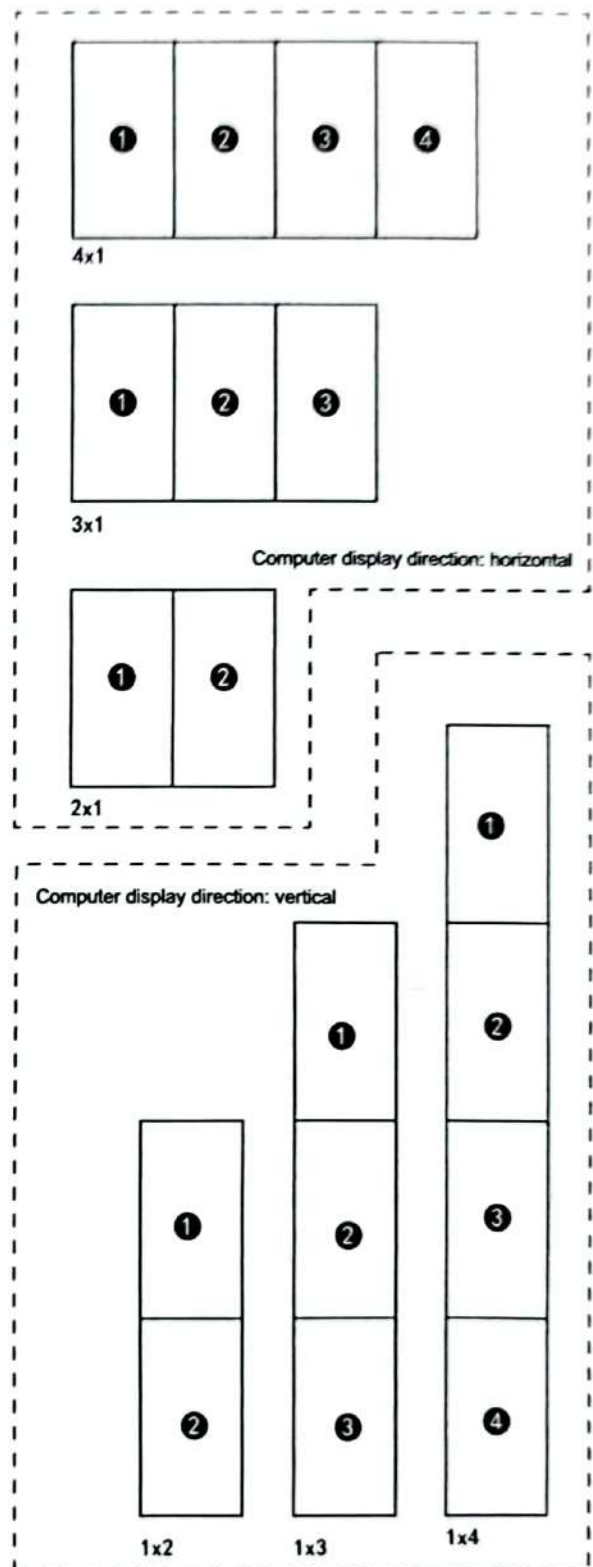
1x4 resolution: 7680*1080@60/7680*1200@60

2x1 resolution: 1920*2160@60/1920*2400@60

3x1 resolution: 1920*3240@60/1920*3600@60

4x1 resolution: 1920*4320@60/1920*4800@60

2x2 resolution: 3840*2160@60/3840*2400@60



Accessories :

1. Multi-screen box
2. Remote control

1PC
1PC

3. Power adapter
4. User manual

1PC
1PC

RS232 cable(optional)

The remote control:



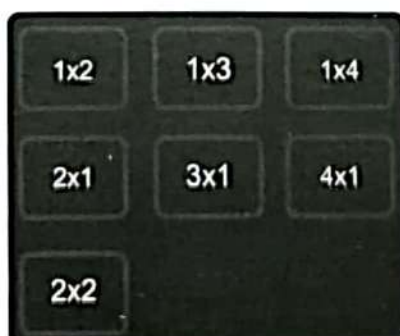
Resolution : Switch resolution **Mute** : Mute

Mirror
Output1 Output2 Output3 Output4 : Picture mirror

Swap
Output1 Output2 Output3 Output4 : Picture loop replacement

SOURCE : Input sources switch

OSD : Screen Info Display/Close



Mode selection



Bezel adjustment

Reset : Reset (restore to 2x2 mode, 3840x2160@60Hz)

Connection Diagram :

