Video wall controller
LM-TV04S

Operating Manual

I. Product descriptions

LM-TV04S is a high-definition LCD screen with 4 pictures for LCD TV, ultra narrow edge LCD screen and projector，and support 4 way HDMI signal output,and it can connect four LCD TV or other display devices.We can according to user needs, customized 1x2 1x3 1x4 2x1 2x2, 3x1, 4x1.The product uses high definition processing chip to support the input and output of 1080P. At the same time, it supports 1 channel USB and 1 HDMI inputs, and the input signals can be switched to the large screen for splicing display, and the audio output is synchronized with the corresponding video.The user is simpler and more intuitive in the process of splicing the processor，Infrared remote control and chassis key control are designed in the product.The user carries out one button quick control and full function control through the button or remote control;The operation is more humanized and simpler.

II. Product features

1、Four picture stitching function

LM-TV04S Splicing LCD processor supports 4 way HDMI signal output,and can connect the four LCD TV or other display devices such as projector, DLP, plasma display unit.The four display units join together to form a super large picture.We can according to user needs, customized 1x2 1x3 1x4 2x1 2x2, 3x1, 4x1.

2、Input signal

LM-TV04S Splicing LCD processor supports 1 channel HDMI and 1 USB total 2 signal inputs, and the input video signals can be synchronized with audio output and realize splicing display.

3、Mirror Function

LM-TV04S supports for each display unit to a 180 degree mirror flip. When the user uses common LCD TV splicing, the upper LCD TV is turned 180 degrees, which greatly reduces the splicing gap of liquid crystal, and reduces the distortion caused by the large side seam of the image，as shown below:

4、Edge shielding function

All the tiled display units have a certain physical gap, and in the case of no edge shielding function, the image will appear visually pulling the open image, feeling very unnatural; after the edge shielding treatment of the image without deformation, stretch, visual more natural and realistic.Compare the pictures before and after the edge shield:

LM-TV04S Splicing LCD processor can realize USB playing and splicing function. Users in the realization of the basic function of LCD splicing, and then realize simple video or picture format splicing playback, only need to our product USB interface insert a U disk can be achieved, without the need to configure a computer or other playback equipment, simple and practical.USB can support some commonly used videos, pictures, MP3, TXT documents.LM-TV04S Splicing LCD processor can support video playback can be selected or select, support all video round robin play / pause, fast forward, program list and other functions.
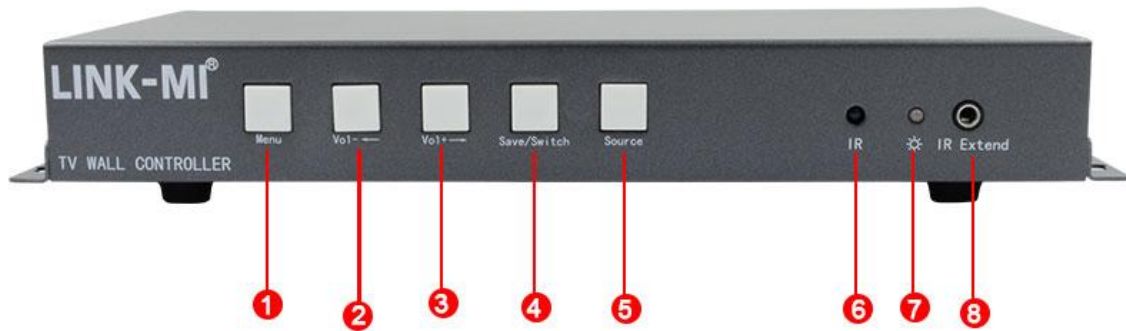
The remote controller is specially designed for LM-TV04S, and the functions of the splicer are completely corresponding to the remote control button, and the remote control is not in the market. Red bag remote control can complete the mosaic processor settings, switching, adjustment of all the functions, and the use of ultra sensitive design, remote control distance of 7 to 10 meters.
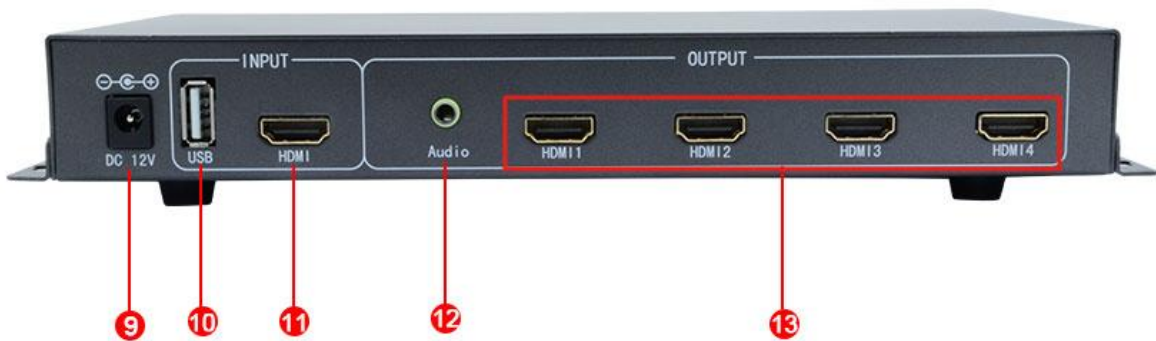
6、 Remote control function

III.Hardware Description

1 MENU button	**7** Power LED
2 Vol- or Left	**8** IR Extend port
3 Vol+ or Right	**9** 12V Power input
4 Save or Switch	**10** USB input
5 Source Switch button	**11** HDMI input
6 IR Receive window	**12** Audio output
	13 HDMI1-4 output

IV. Product pictures

234mm

140 mm

32 mm

Weight: 0. 85kg

254 mm

VI. System topology diagram

LCD WALL

Remote

INPUT   OUTPUT

DC 12V   USB   HDMI   Audio   HDMI1   HDMI2   HDMI3   HDMI4

U disk   Player   Speakers

VII. Technical specifications

name	Supported Standards
Video input	
HDMI input	HDMI1.3 DVI1.0，HDMI embedded audio
USB	USB 2.0 Port; Support video, pictures, MP3, TXT format playback, Support video coding format: Mpeg1,2,4 (1920*1080@30P and below), Divx, Xvid (1920*1080@30P and below), RM, RMVB (1920*1080@25P and below), H.264 (1920*1080@30P and below), VC-1 (1920*1080@30P and below), MJPEG (640*480@30P).
Video output	
HDMI output	4 way HDMI output: 1920x1080P/60HZ, 1280x720/60HZ, 1024x768@60HZ
Audio output	3.5 audio interface, support left and right channel stereo, audio and video signal synchronization switch,
others	
control mode	Remote control, chassis keys
Power supply	DC-12V
Splicing scale	Simple type four stitching
power consumption	20W
Chassis specification	
Chassis size	234mmx140mmx32mm
weight	0.85KG