## H803TV Manual

Connect the USB, DVI interface of H803TV to computer, and power on H803TV.



Configure H803TV on computer

In "Control Panel", double-click "NVIDIA Control Panel"(different computer might be different).



Then click "Set Multiple Displays"

🛃 NVIDIA 控制面板		
文件(21) 编辑(22) 桌面(22) 显示器(22) 帮助	1 H)	
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选择一项任务	■ ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ● ●	• • • • • • • • • • • • • • • • • • •
田 3D 设置 日 显示		恢复默认设置
—运行显示器优化向导 —更改分辨率 —调整桌面颜色设置	您可以调整屏幕上显示的信息量并减少闪烁 号,还可以选择高清晰 (HD)制式。	。如果您正在使用高禧晰度电视 (HDTV),并为标准清晰度 (SD) 电视设置了
- 调整集面尺寸和位置 - 旋转显示器 - 运行多显示器向导 - 设置多个显示器 표 视频	1. 选择您希望更改的显示器。 Seike/Epson LTM1	19
N N	2. 应用以下设置。	
	连接器 (2):	
	VGA - PC 机显示器 分辨率(S)	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
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	1280 × 1024 (本机)	颜色深度 (C):
	1280 × 800 1280 × 768	最高 (32-位)
	1280 × 720 1152 × 864	
	1024 × 768	
	自定义 (@)	
▶ 系统信息		
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Choose "Duplication Mode", and click "Apply"





Set resolution Click "Adjust Resolution"

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	选择一项任务	▶ 沿署名个显示哭	
WF2 第二時 G 初のCP 状态 G 行多型示器病导 WE 25 7 显示語 e 視频     1.      佐邦 受用的 aVier 显示模式. C 仅 使用一一 欠量示器 (1 — 模式) ① C 在活 个 显示器 (1 — 模式) ② C 在活 个 是示器 (1 — 模式) ③ C 作 力 一 个 大都 互直面 (1 查 里 平移模式) ③ C 作 力 一 个 大都 互直面 (1 查 里 平移模式) ④ C 作 力 一 个 大都 互直面 (1 查 里 平移模式) ④ C 推移 型表 使用的 显示器. C 医 体 型 一 型 - 型 - 型 - 型 - 型 - 型 - 型 - 型 - 型 -	<ul> <li>○ 显示</li> <li>● 显示</li> <li>更次分辨率</li> <li>调整桌面颜色设置</li> <li>调整桌面颜色设置</li> <li>调整桌面颜色设置</li> </ul>	WIDIA nView 技术可使你具体规定如何使用多个显示器。复制模式特别适合于演示,双屏显示模式特别适用于大型桌面。	恢复默认设置
送到 Saikoy Epson LTB1702F-A01 这词: 这句:	編結長示器 査看 和OPE 状态 运行多足示器的导 微望多/1运示器 ≄ 视频		
・ 3月間 U.D. に対応 M で 5		75 SER ( 171) 19/ / / *	



For H803TV, it supports 1024X768, 1280X720, 1280X960, 1280X1024, 1360X765, 1360X1020, 1600X900, 1600X1200. So, the best option is to choose a resolution that both your computer and H803TV support. Here, i choose 1280X1024(both my computer and H803TV support it).

Refresh frequency is 60HZ.

Open LED Studio Software, click setting-- system setting.



"Hardware interface" must be "H803TV-DVI", if it's not, choose it and restart software. After setting up, click "Apply"-- "OK".

Software Setting	Bright/Color	Setting		
Screen Off OffX: 0 OffY: 0	Play w StartX: StartY:	indow 0 0	] Width: ] Height:	450 300
Hardware interfact	e Start Cload Play Clea	t when wir d file wher documen r LED scro	ndows star n starting it when sta een when	its up arts up pause
Play speed: 25 Acceleration: Low	Exit	does not t tch the pla utput: De	urn off LEI ay window fault	D display by sculpt size

Click "setting"-- "setting sculpt". Password is empty.

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ACT: 💭 🖬	Play window setting Language	
	Setting sculpt Shift+L	
	System setting F5 <u>R</u> EC AVI Option F4	
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Module: Single aixel	
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79 0	
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89 0	
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Lines number 0	
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iceady X: 14 ,Y: 1	and a second

Click "File"-- "New" to create a new sculpt.

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File	<u>E</u> dit <u>V</u> iew	<u>S</u> etting	Help					
New				Ctrl+N	ſ	 X	# 🔊	
Open	<b>.</b>			Ctrl+O				
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Send	l to H8O3TV							
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Dele	te current	dísplay m	odule	Ctrl+Delete				
Prin	.t							
Prin	nt pre <u>v</u> iew							
P <u>r</u> in	it setup							
Retu	urn –			Esc				
LineL	imitPixels:	4096	~					
No.	Cou	nt	~					
7	5 0		-					
7	6 0							
7	7 0							

Because H801RC (slave controller) has eight ports. So, i set the height to 8, and width is 200(or more, the total pixels number must be less than 8192). And click "OK".

	sculpt 11.	le 🔀
Size		Sculpt
Width:	200	⊙ Plane
Height:	8	O Sphere

Connection mode: i choose "Single row", and "eight line with a slave" (H801RC has 8 ports), module is "single pixel", line limit pixels is 200 (width is 200), then rectangular choose pixels from left top corner to right bottom corner.





Note: H801RC supports "one line with a slave" (pixels number of this line must be less than 8192), "two lines with a slave" (pixels number of each line must be less than 4096), "four lines with a slave" (pixels number of each line must be less than 2048), "eight line with a slave" (pixels number of each line must be less than 1024).

Click "setting"-- "slave setting". After all set up, click "Apply", system prompts "send success", then click "OK".



Slave setting												
Bright: 100 🔽	Red:	100 🔽	] G	reen:	100 🔻	7	Blue	100		-choos	e chip typ	e
ClockRate: 0.75	Hz GrayL	.evel: 409	16 🔽	Port	Number:	8 🗸	Ga	mna: 2	.2			
LightType: RGB	Add	ColorTe	st ICT	ype:	TM1812			olorRe	verse			
	CentralTy		Bright	Grov	Dovor	Po	Pod	Gr	Blue			
1 RGB	M1812	0.75	100	Gray	No	8	100	100	100			
2 RGB	M1812	0.75	100		No	8	100	100	100			
4 RGB	M1812	0.75	100		No	8	100	100	100			
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Set slave controller for each port of H803TV.

Click "setting" -- "Multi-Net Setting".



Here, you can see, software distribute four IP address for H803TV automatically, 192.168.1.255 is the first port, 192.168.2.255 is the second port, 192.168.3.255 is the third port, 192.168.4.255 is the fourth port. we only have one slave controller, so i distribute it to the first port of H803TV. (if you have, for example 8 slave controller, you can distribute 2 slave controllers for each port of H803TV).

IP	SlaveNO.	Slave	
92.168.1.255	1 - 1	1	
32.168.2.255		0	
32.168.3.255		0	
32.168.4.255		0	
MoveUp N	loveDown R	efresh	

Click "File"-- "Send to H803TV", software prompts "send success".

le <u>E</u> dit <u>V</u> iew <u>S</u> etting <u>H</u> elp		
New	Ctrl+N	1-
<u>O</u> pen	Ctrl+0	
Save	Ctrl+S	
Save <u>A</u> s		
Output image	Shift+0	
Send to H8O3TV		
Export display module	E	
Import display module	Ctrl+I	
Delete current display module	Ctrl+Delete	
<u>P</u> rint		
Print pre <u>v</u> iew		
P <u>r</u> int setup		
Return	Esc	

We back to main window.



Click "Setting"-- "System Setting"

) 🚅 🖬 🗐	Play window setting Language	F F	
	Setting sculpt	Shift+L	
	System setting	F5	
	REC AVI Option	F4	
	Schedule Table Art-Net setting		Studio

Play win StartX: StartY:	2 30	Width: Height:	400
StartX: StartY:	2 30	Width: Height:	400
StartY:	30	Height:	0.00
		- 18485-468	300
Load Play o Clear Exit d Streto	file when locumer LED scr oes not ch the pl tout: De	n starting nt when sta reen when turn off LEI lay window	nts up pause D display by sculpt size
	Load Play o Clear Exit d Streto Video ou	Load file whe Play documer Clear LED sc Exit does not Stretch the p Video output: De	Load file when starting     Play document when sta Clear LED screen when     Exit does not tum off LE Stretch the play window Video output: Default

We can set StartX, StartY to 0,0. The Width and Height is the same or bigger as the size of sculpt. So here we set to 200, 8. Then click "Apply"-- "OK" to exit.

Software	Setting	Bright/	Color S	Setting	ξ	
OffX:	0ff 0 0	•	Play wi StartX: StartY:	ndow 0 0	Width: Height:	200 8
Hardwa Netv H80 H80	work&WIFI 11TV-DVI 13TV-DVI		Start	when w I file wha docume r LED so	vindows star en starting ent when sta	its up arts up pause
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Click "New window" -- "Design window" to create a new design window.



Then click "Config" to configure color.

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File Control Setting Tool	Help			
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	SpaceBetween:	3 0	verpass:	8

By the way, you can click "I" to show or hide screen.

File Control Setting Tool	Help		
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ACT: 🗂 🗔 🗙 🕈 🗲	/indow StartPage	Homepage	
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	ToyBricksWid: 2	Frequency:	5
	ToyBricksHei: 2	ReboundHei:	0
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After clicking "Config", the following displays.

Ok Cancel
Back: Color: Transition mode Transition grade: 2 • Transitional colors: 32 • Color Total: 768
Clear Delete Save Color pad lib:

Normally, i clear the color in color plate, set transition grade to 5, and choose the second color in color pad library for test. Then click "OK" to exit.

Ok Cancel	Ok Cancel	Ok Cancel	Ok Can el
Back: Color: Color: Transition mode © Transition grade: 2 • © Transitional colors: 32 •	Back: Color: Transition mode Transition grade: Transitional colors: 1 2	Back: Color: Color: Transition mode Transition grade: 5 • Transitional colors: 32 •	Back: Color: Color: Transition mode Transition grade: 5 • Transitional colors: 32 •
Color Total: 0	Color Total: 0 4 8 12 Clear Pelete 10	Color Total: 0	Color Total: 156
Color pad lib 1	Color pad lib:	Color pad lib:	Color pad lib:

You can choose among many actions and modes. Here, i choose "Moving" and "Right".

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File Control Setting Tool	Help				
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	ToyBricks	Hei: 2		ReboundHei:	0

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Then click " ro play the program.

Program2	Caption: gn window Frame: None
Design window	StartX: 0 Width: 500 Oct
A	StartY: 0 Height 8 Alpha
	Back: ColorPad: Config
	Action: Moving ▼ Mode: → Right(2) ▼
	Render: Not -
	Play speed: 30 Frame Per Second
	ToyBricksWid: 2 Frequency: 5
	ToyBricksHei: 2 ReboundHei: 0
	SpaceBetween: 3 Overpass: 8
	Eile Control Setting Tool Help
	Program2

You can set the play window "Top display" so that any other programs won't effect the play window.

	Play window setting	•	1	Top display	Ctrl+T
Program2	Language	•	~	Show/Hide Play window	Ctrl+H
	Setting sculpt Shi System setting REC AVI Option	ift+L F5 F4	Г	Play window translucency Lock Play window	Ctrl+A Ctrl+L
	Schedule Table Art-Net setting				

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This is the end of this tutorial manual, many of the settings are just for display so you can have a quick knowledge of this software. There are many of the functions of this software aren't introduced.

My email: <u>huacanxing@gmail.com</u> Skype: qishu\_2014. Contact me if you have questions.