1. Features

(1). H803TV is an online master controller that transmits data over DVI/HDMI interface.

(2). Four network interfaces drive maximum 400000 pixels.

(3). It supports dual-monitor mode, multi-monitor extension mode and duplication mode.

(4). Support the following resolutions: 1024x768, 1280x720,1280x960, 1280x1024, 1360x765, 1360x1020, 1600x900, 1600x1200.

(5). Use the autorun USB to transmit and control data, which is applied to both 32-bit and 64-bit operating systems.

2. Supported driver chips

LPD6803, LPD8806, LPD1882, LPD1889, LPD6812, LPD1883, LPD1886, DMX512, HDMX, APA102, MY9221, DZ2809, SM16716, SM16711, UCS6909, UCS6912, UCS1903, UCS1909, UCS1912, WS2801, WS2803, WS2811, WS2812, INK1003, TM1812, TM1809, TM1804, TM1803, TM1913, TM1914, TM1926, TM1829, TM190, TM1814, BS0901, BS0902, BS0825, BS0815, LY6620, BS0825, LD1510, LD1512, LD1530, LD1532, TLS3001, TLS3002, DM412, DM413, DM114, DM115, DM13C, DM134, DM135, DM136, MBI6023, MBI6024, MBI5001, MBI5168, MBI5016, MBI5026, MBI5027, 74HC595, 6B595, TB62726, TB62706, ST2221A, ST2221C, XLT5026, ZQL9712, ZQL9712HV, HEF4094, A8012, etc.

Note: H803TV supports more than the chips listed above(some chips have the same sequence diagram, such as UCS2903 has the same sequence diagram with UCS1903, so H803TV supports them all).

3. Controller and Accessories display



USB cable



HDMI/DVI cable



Adapter(9V DC 1A output)



4. Package Include

1 pcs controller, 1 pcs USB cable, 1 pcs DVI cable, 1 pcs adaptor

5. Basic Workflow





Step 2. Change the appearance of display

Press WIN+X on keyboard





Please refer to the following settings

- 🗇 👻 🛧 🛄 > Control Panel > Appe	arance and Personalization > Display > Screen Resolution	Search Control Panel	P		
	Change the appearance of your display	Detect			
	Display: 1 2. Multiple Monitors ~ Resolution: 1024 × 768 ~ Orientation: Landscape ~				
	This is currently your main display.	Advanced settings			
	Project to a second screen (or press the Windows logo key 44 + P) Make text and other items larger or smaller				
	What display settings should I choose?				

Note:

 H803TV supports the following resolutions: 1024x768, 1280x720, 1280x960, 1280x1024, 1360x765, 1360x1020, 1600x900, 1600x1200.

2). It supports dual-monitor mode, multi-monitor extension mode and duplication mode.

Here, i just choose 1024x768 and duplication mode for example.

Then, click "Apply", "OK".

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			Detect Identify		
	Display: Resolution: Orientation: Multiple displays:	1 2. Multiple Monitors \sim 1024 × 768 \checkmark Landscape \checkmark Duplicate these displays \checkmark			
	This is currently yo	ur main display.	Advanced settings		
	Project to a second Make text and othe What display settin	d screen (or press the Windows logo key er items larger or smaller Igs should I choose?	- P)		
			OK Cancel Apply		

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The visible area of your screen should be 1024x768 now.

Step 3. Configure Led Studio

LED Studio Dwonload:

https://drive.google.com/open?id=0B1gzqyV6hfOgbFZrMHdwVzU1X

0E



Open it



Software Setting Bright.	Color Setting
Screen Off OffX: 0 + OffY: 0 +	Play window StartX: 0 Width: 400 tartY: 0 Height: 300
Hardware interface Network&WIFI H803TV-DVI	 Start when windows starts up Load file when starting Play document when starts up
Play speed: 30	Clear LED screen when pause
Acceleration: Low	Stretch the play window by sculpt size Video output: Default



Password is not needed

File Cont	rol Setting	Tool Help			
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For example if you have a 64(pixels) by 64(pixels) screen. Click the following icon or "File" -- "New".









LED DVI CONTROLLER	Bright	100 V	Red:	100	8	Green:	100 •		Blu	e: 100	evers
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	GrayLev	el: 256	~			E	ОК		Cancel	٩	Apply



Then, click "Apply", pops up the following window.

Origin position: the top left corner of your screen, normally, i set X, Y both to 0

Slave setting		×
Bright: 100	Red: 100 🔽 Green: 100 💌 Bi	lue: 100 💌
ClockRate: 1.00 ~	MHz Port Number: 8 Y Gamma: 2.2	ColorReverse
LightType: RGB	Add ColorTest IC Type: TM1812 O3TV parameter settings	~
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3 RGB 4 RGB	Y£ 244	100 2.2 100 2.2 0.4MHz
ri 	efresh rate: 30 OK Cancel	
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OK Cancel	Apply

Then, click "OK"

Slave settir	ng									×
Bright:	100 🔽	Red:	100 🔽	-	Green:	100		Blu	e: 100	
ClockRa	te: 1.00 v	MHz Port N	umber:	8 ~	Gamr	ma: 2.2			ColorR	everse
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⊠Net	LightType	ControlType	Clock	Bright	Reverse	Ports	Red	Gre	Blue	Ga
1 2 3 4	RGB RGB RGB	TM1812 TM1812 TM1812 TM1812	LEDPlaye	Send :	success! OK	× 3 3 3	100 100 100	100 100 100 100	100 100 100 100	2.2 2.2 2.2 2.2
						OK		Cancel	A	pply

Note:

Four ports of H803TV can drive different chips, each port can be configured individually.

Slave setting										×
Bright: 100		Red:	100 🔻		Green:	100 🔻	•	Blu	e: 100	
ClockRate:	1.00 ~	MHz Port N	umber:	8 ~	Gamm	na: 2.2			ColorR	everse
LightType:	RGB	 ✓ Add 	ColorT	ſest		IC Type	P98	13	~	
⊠Net Li	ghtType	ControlType	Clock	Bright	Reverse	Ports	Red	Gre	Blue	Ga
1	RGB	APA102	1.00	100	No	8	100	100	100	2.2
2	RGB	TM1812	1.00	100	No	8	100	100	100	2.2
3	RGB	D0012	1.00	100	No	0	100	100	100	2.2
4	RGD	F 9015	1.00	100	INU	0	100	100	100	2.2
					_				_	
						OK	(Cancel	A	pply





Click menu "Setting" -- "Multi-Net Setting"

	M	lulti-Net Setting			×
		IP	SlaveNO.	SlaveN	
NET 1	-	192.168.1.255	1-1	1	
NET 2	-	192.168.2.255		0	
NET 3	-	192.168.3.255		0	
NET 4	-	192.168.4.255		0	
			/		
			There is only 1 s	slave control	ler
		i	n this manual		
		-			
	;	Slave number: 1			
				OK	

For example, if there are 8 slave controllers.

	oldreite.	Slavely
2.168.1.255	1-8	8
2.168.2.255		0
2.168.3.255		0
2.168.4.255		0

You can distribute slave controllers to each Net of H803TV

IP	SlaveNO.	SlaveN	
92.168.1.255	1-2	2	
92.168.2.255	3 - 3	1	
92.168.3.255	4 - 7	4	
92.168.4.255	8 - 8	1	

LED DVI CONTROLLER	
NET4 NET3 NET2 NET1	DC9V USB RUN DVI

Then, click "File" -- "Send to H803TV"



Software will remind you again, just enter coordinate and click "OK".

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Then, save all these settings and go back to main window.



In MADRIX





In Jinx!

Jinx! - LED Matrix Control		– 🗆 X							
File View Setup Help									
Matrix Options									
Output Devices Output Patch									
Network Options									
Remote Control									
Configure DVI Window									
GUI Options									
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Channel 2 Mix	Oamma (2.23)	Go to Settings to activate Windows.							
Progressive V	Master	Progressive -							



6. Specifications

Input Voltage: DC9V

Power Consumption: 1W

Drive Pixels Number: 400000

Weight: 1KG

Dimension: L183 x W139 x H40

Carton Size: L205 x W168 x H69