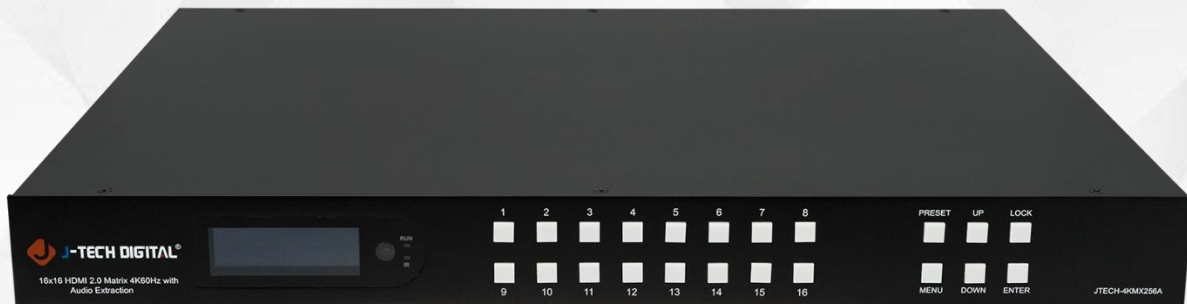




# J-TECH DIGITAL<sup>®</sup>

## USER MANUAL



4K60HZ 16X16 HDMI MATRIX WITH AUDIO EXTRACTION

JTD-2956 | JTECH-4KM256A

J-TECH DIGITAL INC.

9807 EMILY LANE

STAFFORD, TX 77477

TEL: 1-888-610-2818

E-MAIL: [SUPPORT@JTECHDIGITAL.COM](mailto:SUPPORT@JTECHDIGITAL.COM)



Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

## **SURGE PROTECTION DEVICE RECOMMENDED**

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

# Table of Contents

1. Features .....	5
2. Package Contents .....	5
3. Specifications .....	5
4. Panel Descriptions .....	8
5. Wiring Diagram .....	9
6. Input / Output Channel Key Operation .....	9
7. Video Switching Operation .....	10
7.1 Video Switch .....	10
7.2 Video Control .....	11
8. Remote Control Description .....	20
9. RS232 Command Control .....	21
10. Web Control .....	23
10.1 Enter Web and Control .....	25
10.2 Status Interface .....	26
10.3 Input Interface .....	26
10.4 Output Interface .....	27
10.5 Matrix Interface .....	29
10.6 Preset Interface .....	29
10.7 System Interface .....	30
11. Firmware Upgrade .....	30
12. Maintenance .....	32
13. Warranty .....	32

14. Mail-In Service ..... 33

15. Limited Warranty Limits and Exclusions ..... 33

## 1. Features

- 16 x HDMI 2.0 input and 16 x HDMI 2.0 output
- HDMI 2.0 version support 4K@60Hz YUV4:4:4, 18Gbps, Deep color 8bit
- HDCP 2.2/1.4 compliant (follow input)
- Dolby Vision, HDR, HDR10
- Audio format LPCM up to 7.1, Dolby Atmos and DTS-X Atmos, 192KHz
- 16 x Analog Audio Matrix (3pin phoenix port)
- Supports Audio Return Channel (ARC)
- Control via panel buttons with LCD, IR Remote control, RS232 Control, TCP/IP Control
- Supports 4K downscale to 1080p
- Smart EDID management
- DC 24V / 4A Power input
- Firmware updating through RS-232 port

## 2. Package Contents

- 1 x Main Unit (HDMI Matrix)
- 1 x DC 24V / 4A power adapter
- 1 x Remote control
- 1 x IR receiver cables
- 1 x CD for user manual & command list
- 17 x 3-Pin Phoenix terminal plug
- 1U rack design metal case with 2 mounting ears
- 1 x USB 2.0 to RS232 upgrade cable

## 3. Specifications

Operating Temperature Range	-5 to +40°C (23 to +104 °F)
Storage Temperature Range	-10 to +60°C (-14 to +140 °F)
Operating Humidity Range	5 to 90 % RH (no condensation)
Input Video Signal	0.5-1.0 volts p-p

Input DDC Signal	5 volts p-p (TTL)
Bandwidth	18G
Video Format Supported	4K@60Hz, YUV4:4:4 8bit 4k@30Hz / 1080P / 1080i / 720P / 576P / 480P /576i/ 480i
HDCP Compliant	HDCP 2.2 and HDCP 1.4
Output Video	HDMI 2.0
Audio Format Supported	LPCM up to 7.1, Dolby Atmos and DTS-X Atmos
Power Consumption	80watts (Max.)
Dimensions	L438 x W334 x H44 mm / 17.2 x 13 x 1.7 inches
Mass (Main Unit)	5.38 KG / 11.86lbs

### VESA Resolution List

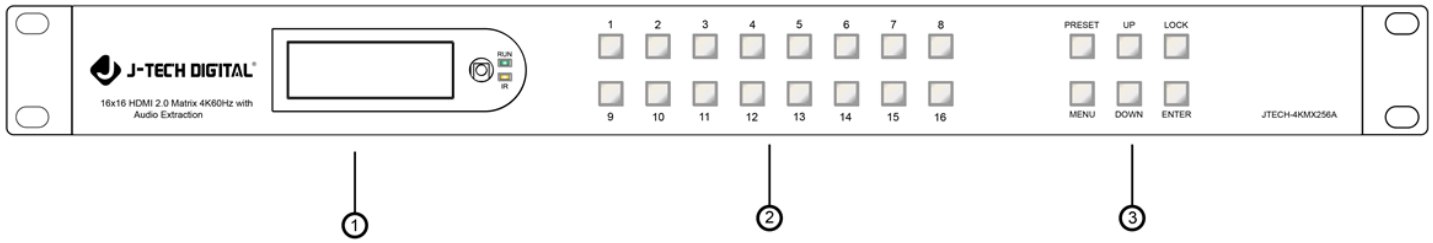
Rate	Resolution	Supported	Mark
60Hz	640×480	✓	
	800×600	✓	
	1024×768	✓	
	1280×768	✓	
	1280×1024	✓	
	1600×1200	✓	
	1400×1050	✓	

	1920×1080	√	
	1280×720	√	
	1360×768	√	
	1920×1200	√	

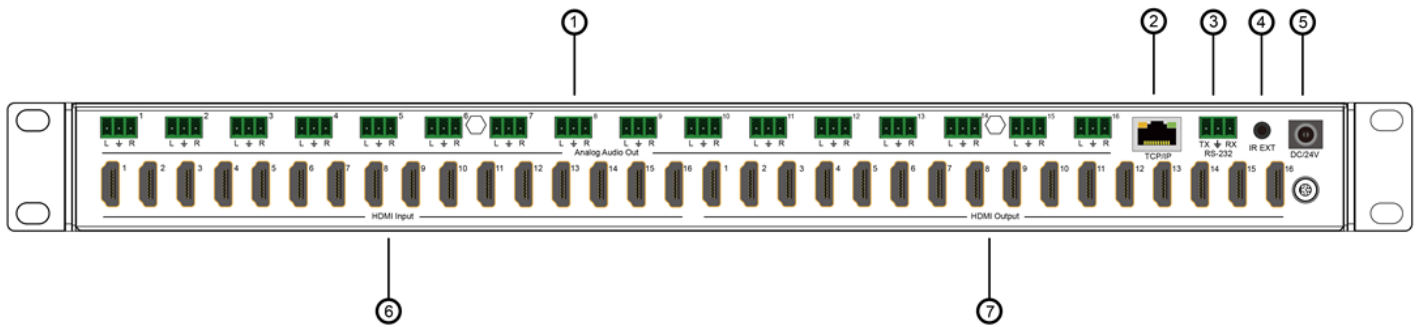
### Testing Resolution List

Rate	I/P	Resolution	Supported	Mark
50Hz	I	576i	×	
	P	576P	√	
	P	720P / 1080P / 4K2K	√	
60Hz /59.94Hz	I	480i/1080i	√	
	P	480P / 720P / 1080P / 4K2K	√	
30/29.97Hz	P	720P / 1080P / 4K2K	√	
24Hz	P	1080P / 4K2K	√	
25Hz	P	720P / 1080P / 4K2K	√	

## 4. Panel Descriptions



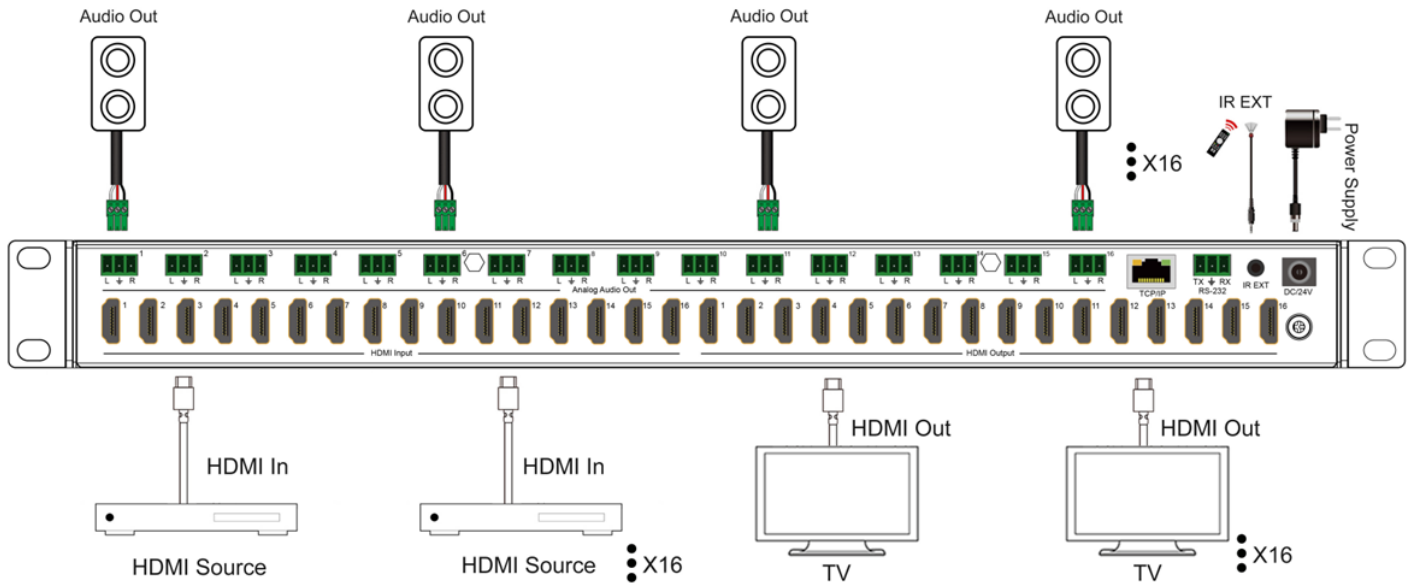
- ① LCD: Showing Matrix information
- ② Output button OUT1~16 & Input button IN1~16
- ③ Function button: PRESET; MENU; UP; DOWN; LOCK; ENTER



- ① Analog Audio out x16 (supports Audio Matrix and ARC function)
- ② TCP/IP port
- ③ RS232 port & FW update port
- ④ IR EXT
- ⑤ Power On/Off
- ⑥ HDMI input x16
- ⑦ HDMI output x16



## 5. Wiring Diagram



## 6. Input / Output Channel Key Operation

Channel	Button method
Any Key	The first operation of the button can wake up the screen and do the command
Output 1-16 Input 1-16	<p>1: By using UP / DOWN Button to select Output or Input channel</p> <p>2: Directly press the number key, such as the output channel 5, press button "5" and press it again to cancel the selection;</p> <p>Long press output to select all channels, and long press again to cancel</p> <p>3: Directly press the number key, such as input channel 1, and select "1" to press (only when the output port is selected, the input channel number will be valid)</p> <p>Long press means all outputs select current input</p>
PRESET	Shortcut key for calling the preset

MENU	Function Button; Short press to enter the function option or back to previous option
ENTER	Confirm Button: enter function selection mode
UP	Button for UP option
DOWN	Button for NEXT option
LOCK	Long press to LOCK (button blue light on), Long press again to UNLOCK (button blue light off)

## 7. Video Switching Operation

### 7.1 Video Switch

The signal switch includes 16 free switching channels, which can be configured as input/output according to the requirements, forming a matrix of 1 x 16 ~ 16 x 1, which can switch any input signal to 1 channel output or all channel output.

The specific operation as follows:

Output	1	2	3	4	5	6	7	8
Input	1	2	3	4	5	6	7	8
Output	9	10	11	12	13	14	15	16
Input	9	10	11	12	13	14	15	16

Switching the input to the output:

Operation format: "output channel" + "input channel"

For Example: Output port 1 switch to input 5

Operation: Press OUT number "1" + Button "DOWN" + IN number "5" to complete the switch.

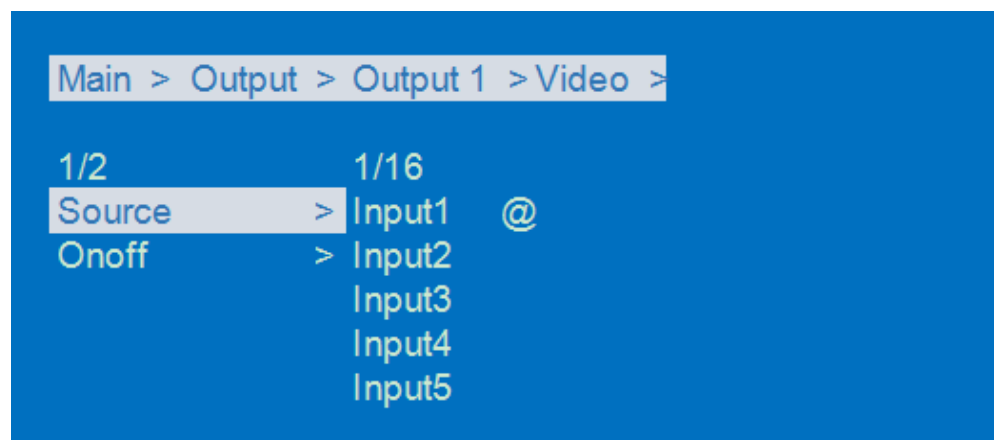
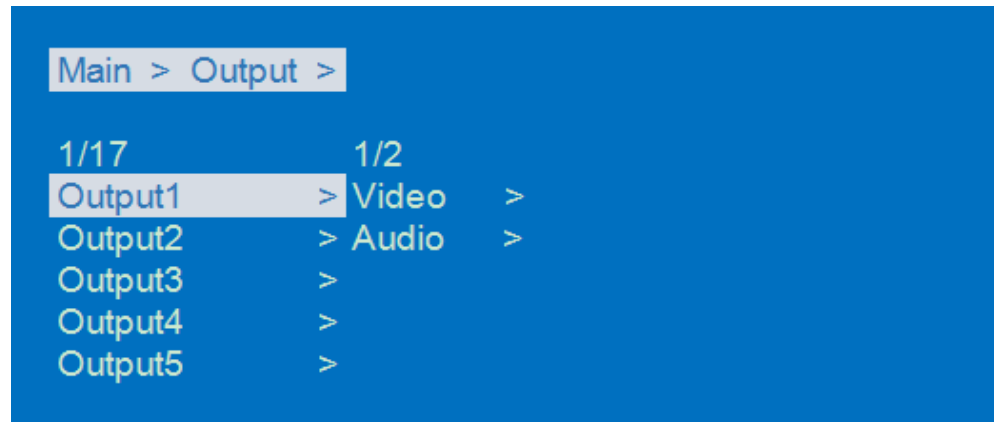
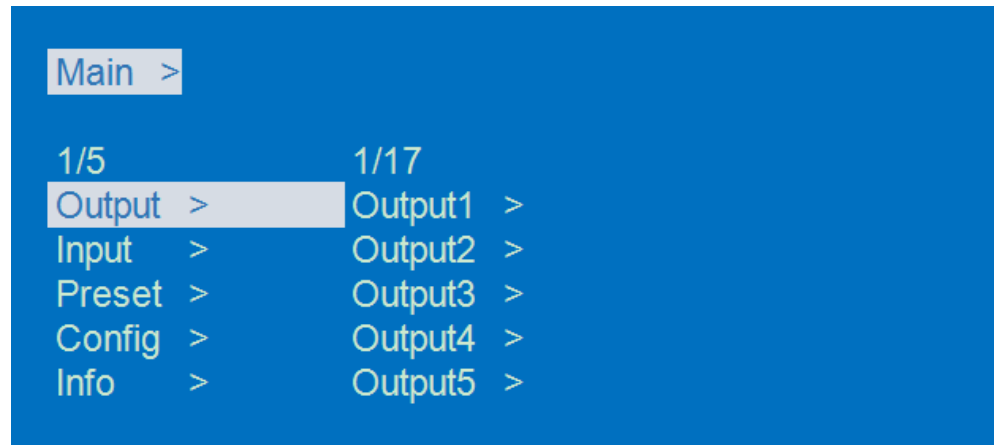
## 7.2 Video Control

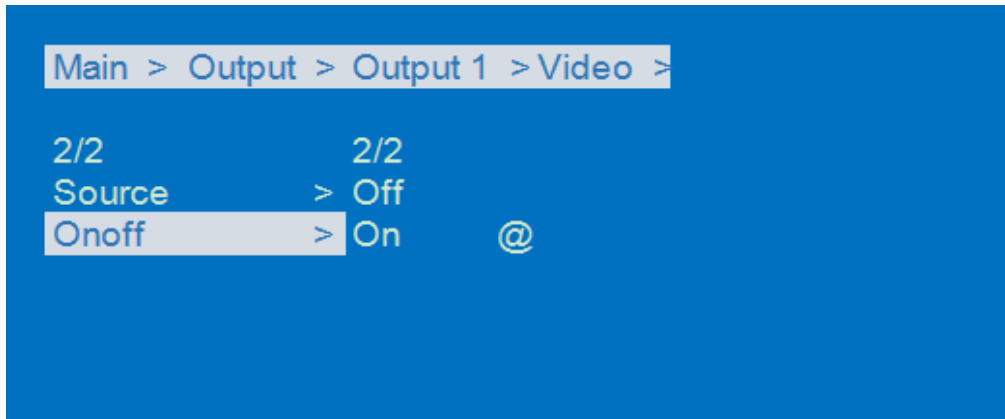
The Main interface has five sub menus:

### 1. Output Settings:

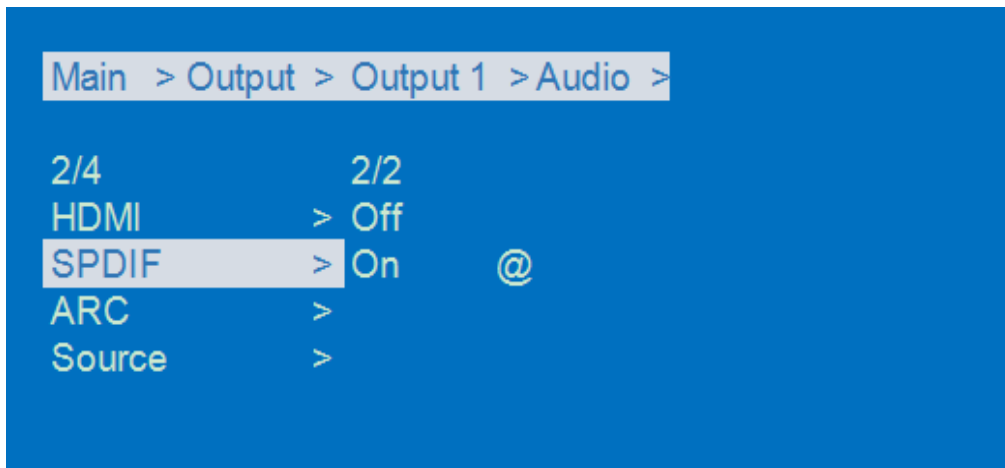
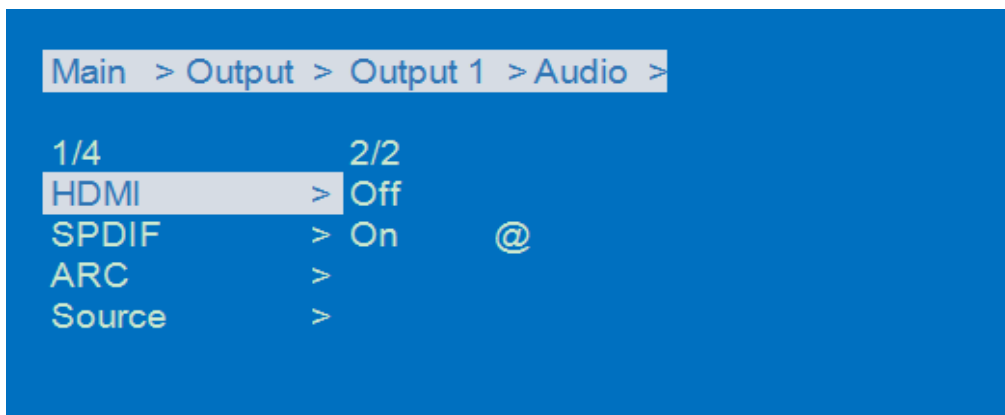
Includes 17 sub menus (Output 1~16, All). Each sub menu has Video and Audio options.

Video supports switching the channels and turning video signals on/off.





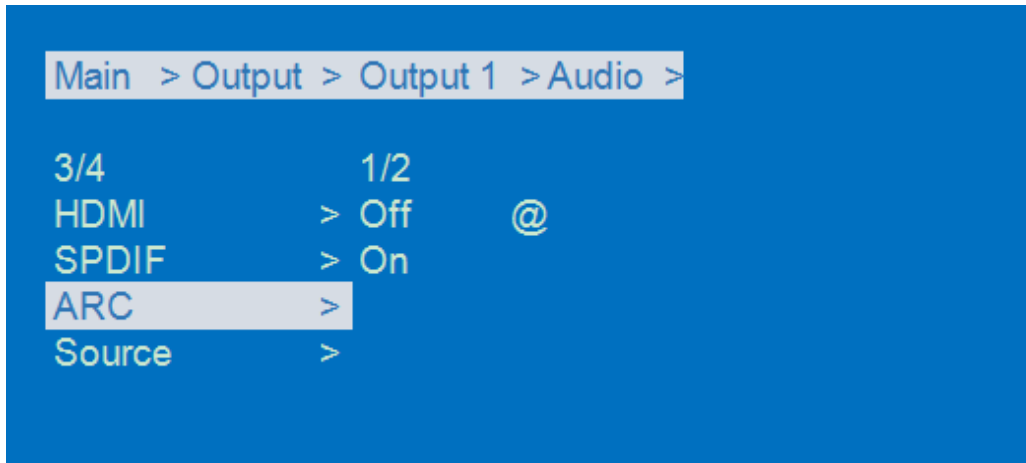
Audio supports turn on/off HDMI, Analog, ARC, and Source switching.



ARC function by default is Off.

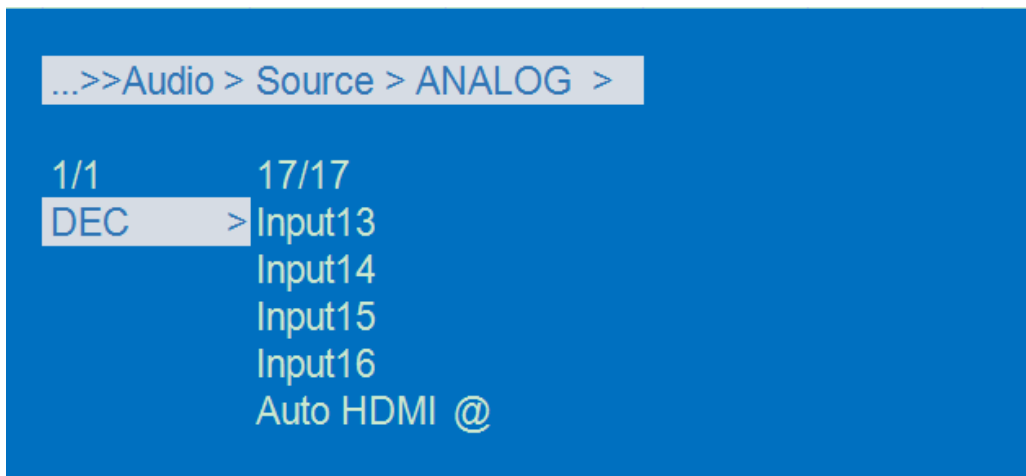
After turning it On, connect HDMI Outputs to TV's ARC port, TV's audio will be return to the corresponding analog output port.

For example: Output 1 connect to the TV's ARC port >> Back to the analog 1.



### Audio Matrix

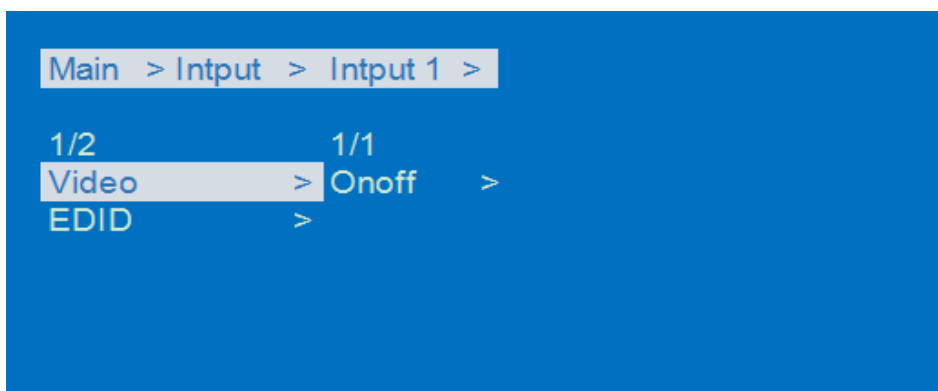
Auto HDMI means Output's audio follows with the Input. Supports to select other input's audio.



## 2. Input Settings

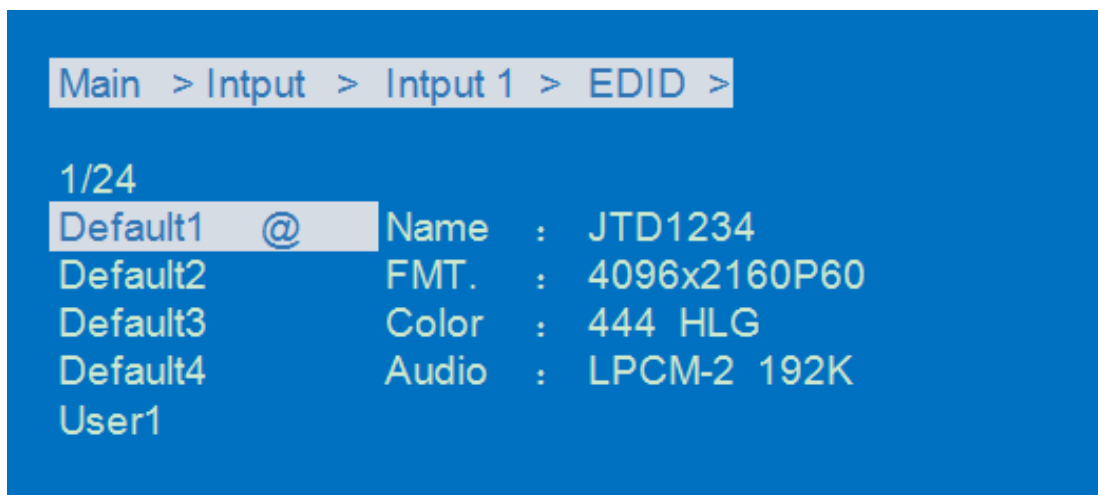
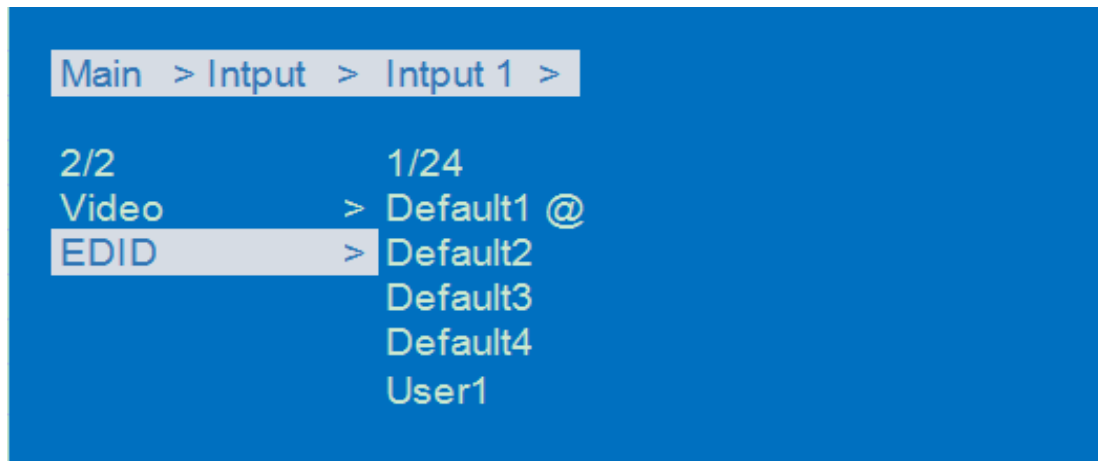
Includes 17 sub menus (Output 1~16, All). Each sub menu has Video and EDID options.

Video supports turning on/off the video signals, and won't affect the audio extraction.



EDID includes 4 x Default, 4 x User, 16 x Copy Output options.

Default-1	4096x2160P@60Hz 444 LPCM2.0	Default-2	4096x2160P@60Hz 420 LPCM2.0
Default-3	4096x2160P@30Hz 444 LPCM2.0	Default-4	1920x1080P@120Hz 444 LPCM2.0



### 3. Preset Settings

Includes Clear, Save, Call options. There are a total of 8 preset support options.

Main > Preset >

1/3                      1/1  
Clear                    > Preset   >  
Save                     >  
Call                      >

Main > Preset > Save > Preset >

1/9  
Preset 1                @  
Preset 2  
Preset 3  
Preset 4  
Preset 5

#### 4. Config Settings:

Includes Network, RS-232, User EDID, System options.

Main > Config >

1/4                      1/6  
Network                > DHCP       >  
RS-232                 > IP           >  
User EDID             > MASK       >  
System                 > Gateway   >  
                                 Port           >

Main > Config > Network > DHCP >

1/2

No	@	DHCP	:	Off
Yes		IP	:	192.168.1.168
		MASK	:	255.255.255.0
		GW	:	192.168.1.1
		MAC	:	4658-4E9E-E0F3

...>>Network > IP > Part 4 >

169/256

164		DHCP	:	Off
165		IP	:	192.168.1.168
166		MASK	:	255.255.255.0
167		GW	:	192.168.1.1
168	@	MAC	:	4658-4E9E-E0F3

...>>Network > Port > TCP >

5000/65534

4996		DHCP	:	Off
4997		IP	:	192.168.1.168
4998		MASK	:	255.255.255.0
4999		GW	:	192.168.1.1
5000	@	MAC	:	4658-4E9E-E0F3

Main > Config > RS-232 > Baud >

6/6

9600	
19200	
38400	
57600	
115200	@



Main > Config > User EDID > User 1 >

1/21

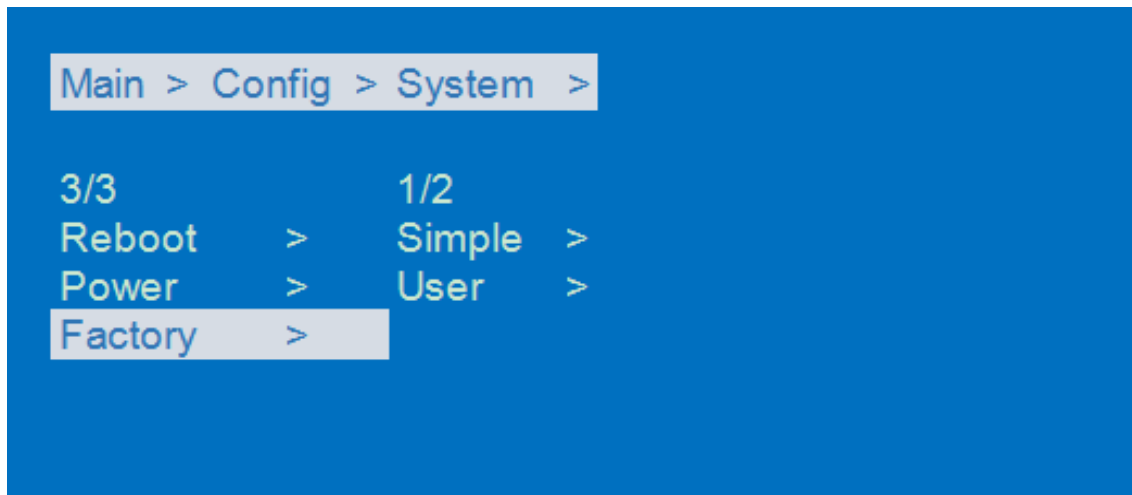
Default1 @	Name :	JTD1234
Default2	FMT. :	4096x2160P60
Default3	Color :	444 HLG
Default4	Audio :	LPCM-2 192K
Output1		

Main > Config > System >

1/3	1/2	
Reboot >	No	@
Power >	Yes	
Factory >		

Main > Config > System > Power >

1/3	16/16	
Timed Off >	1 D	
Timed On >	2 D	
Auto Sl... >	3 D	
	7 D	
	Endless	@



\*Factory simple: restore running info. (Includes video, audio, EDID, setup).

\*Factory All: reset all default setup functions.

## 5. Info Settings:

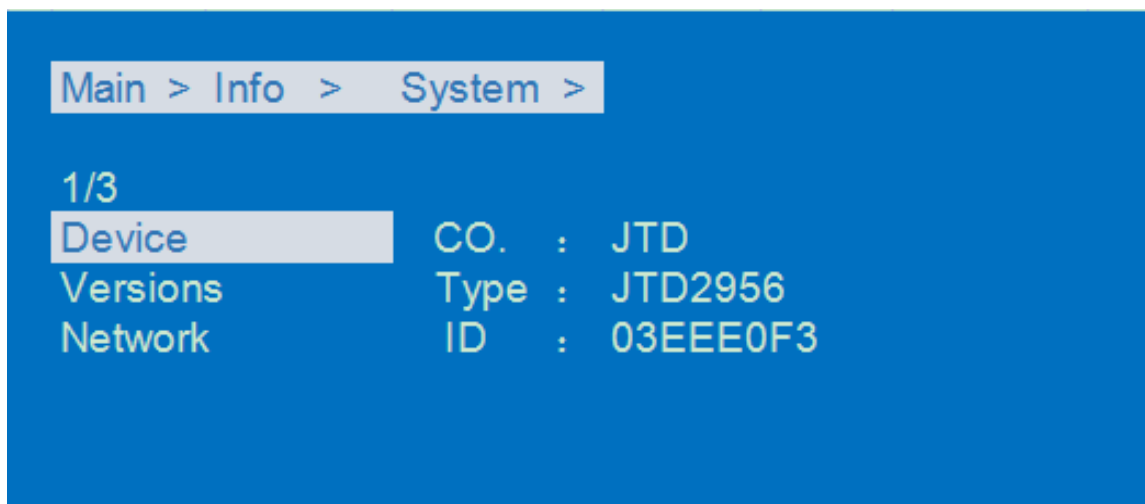
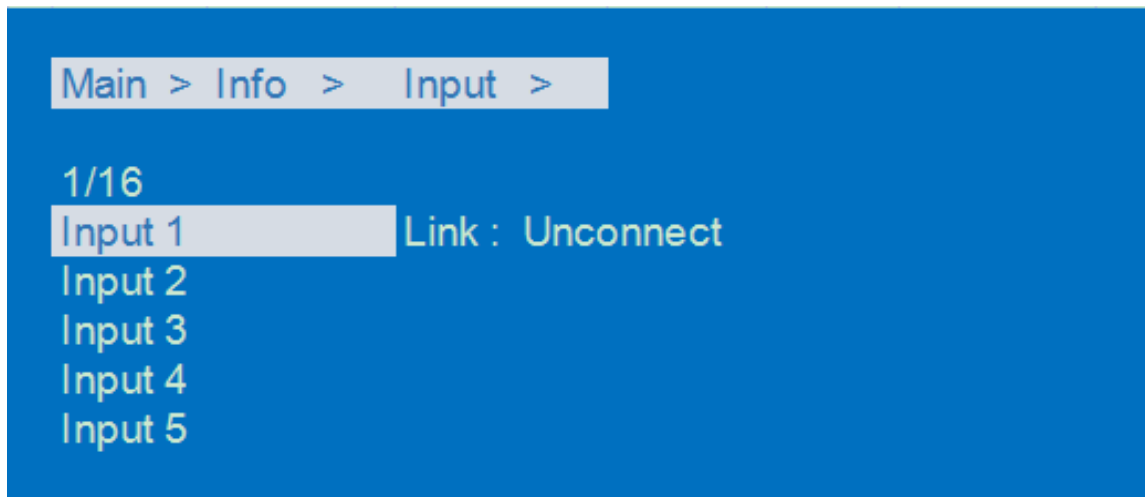
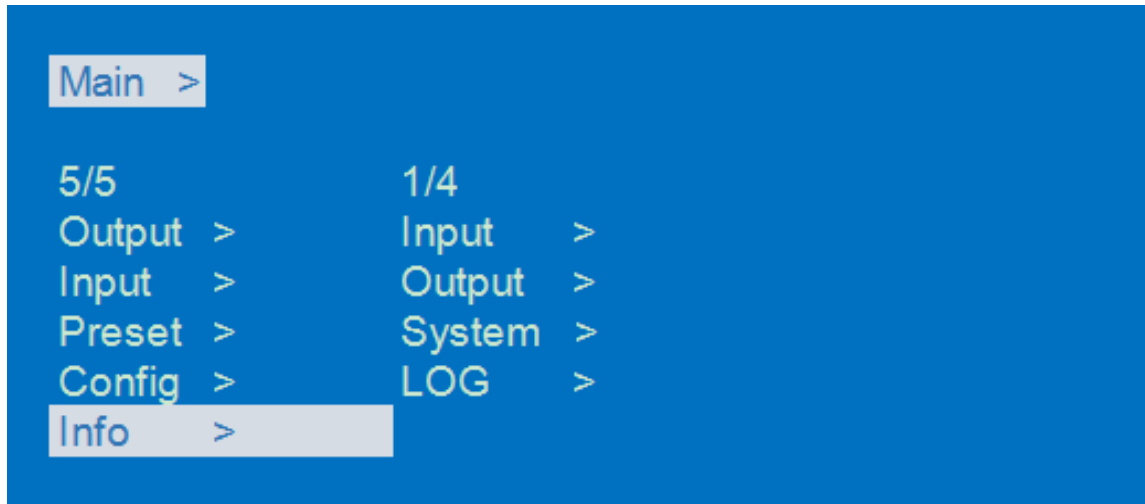
Includes Input, Output, System, LOG options.

Input: Shows connection status, input resolution, deep color, audio format and HDCP version etc.

Output: Shows TV info.

System: Shows the device info, versions, network.

LOG: Shows products common information like running time, booting times etc.



Main > Info > LOG >

1/1

Common

Time : 1D 06:32:02

Boot : 52

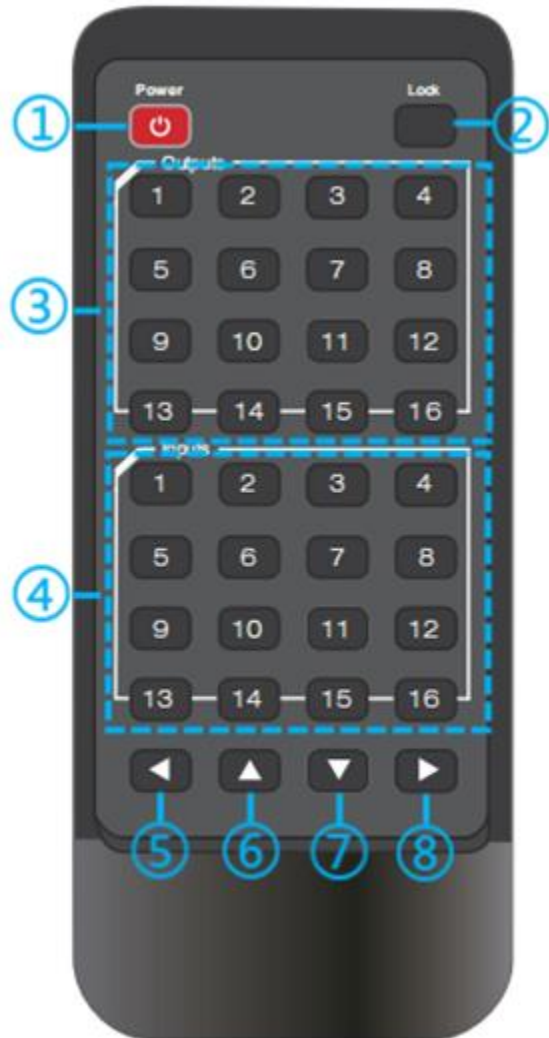
EXE : 6912

ERR : 0

TMP : 52 °C

## 8. Remote Control Description

- ① Standby Mode
- ② Lock or Unlock the Panel Button
- ③ Choose output from 1-16
- ④ Choose input from 1-16
- ⑤ Menu (back to previous option) button
- ⑥ UP button
- ⑦ Down button
- ⑧ Enter button



## 9. RS232 Command Control

Default IP Address	192.168.1.168
TCP Port	5000
UDP Port	5001
Telnet Port	23
Baud Rate	115200

Control software operation:

The serial control software is illustrated with **SSCOM32** as an example.

Basic Settings:



Double-click the software in the installation package to run specifically and install the RS232 software on the computer.

Enter the main interface of the software.

In the parameter config. area, select the serial port number that the serial line connects to the PC

Baud rate: 115200 (default)

Data location: 8.

Stop bit: 1

Check bit: no

You can input commands in the command input area to control the local or remote receiver, such as changing IP address to be 192.168.1.168:

Command is: #network ip=192.168.1.168

## Instructions:

1. All commands start from "#", command head "%c": "d" parameters, "l" lock, "s" save.
2. The "\_" in the commands cannot omit. Parameter: %d: 0 means ALL. 1-x means specified output (1~16).
3. Command head & Parameter1 & Parameter2... need to add one "SPACE".

The following table is only an example. Please refer to the list of instructions.

Instruction description	instruction	parameter 1	parameter 2	parameter 3
Video switch	#video_%c	out%d	in%d	matrix=%d
Audio Mode Switch	#audio_%c	in%d	/	enc=%d
EDID	#EDID_%c	In%d	cfg=%d	/

Please refer to the " Command list" for details.

Example: ALL output switches to input 4.

Operation format: #video\_d out0 matrix=4

Supports multi-Outputs selecting, such as: #video\_d out3,2,1 source=3

## TCP/UDP Control

- ① Commands are the same as the RS232 commands
- ② TCP supports command feedback, UDP only for sending commands, no data feedback
- ③ Can't support PUTTY type's tools

## Telnet Control

- ① "window"+ "R" typing "cmd"+ "Enter"
- ② Typing: Telnet 192.168.1.168 (According to the correct IP address) + "Enter"
- ③ User: **admin**; Password: **admin**
- ④ Command: #cmd to get the command list

```
ip=%d. %d. %d. %d
mask=%d. %d. %d. %d
gw=%d. %d. %d. %d
port_tcp=%d
port_udp=%d
device=%15T
```

```
-----
#menu
call=%16, d
cmd=%c%d
time_to_main=%d
select_run=%d
```

```
-----
#account
login
register%d
id=%15t
psd=%15t
```

```
-----
#uart
baud=%d
```

```
-----
#lcd
bl_lv=%d
bl_cnt=%d
```

```
-----
#factory
lv=%d
```

## 10. Web Control

- 1). Connect the Ethernet port of matrix to the Ethernet port on PC by a crossover cable with RJ45 connectors.
- 2). Configure your PC as follows:
  - ① Click **Start > Control Panel > Network and Sharing Center**.

- ② Click **Change Adapter Settings**.
- ③ Highlight the network adapter you want to use to connect to the device and click **Change settings of this connection**.

3). The local Area connection properties window for Network selection appears as below:

4). Click the Highlight **Internet Protocol Version 4 (TCP/IPv4)**.

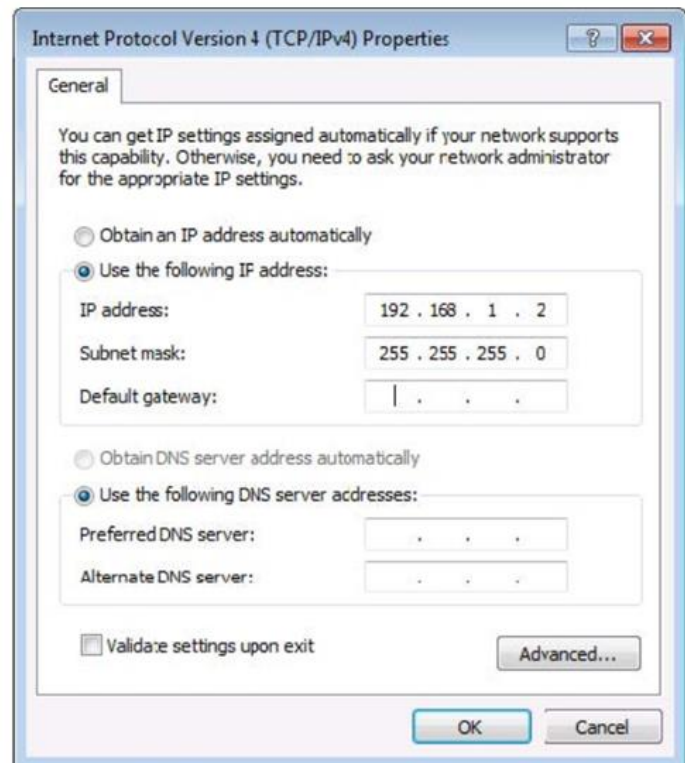
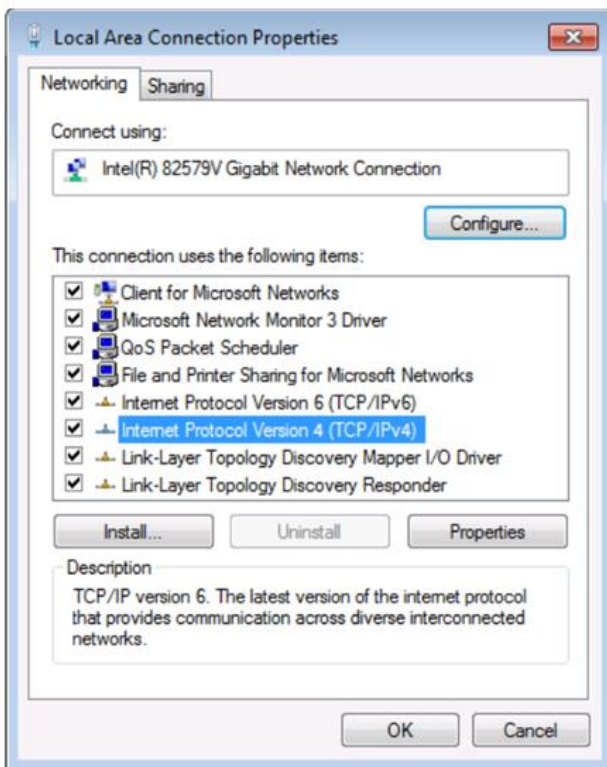
5). Click **Properties**.

6). Select **Use the following IP Address** for static IP addressing and fill in the details.

For TCP/IPv4 you can use any IP address in the range 192.168.1.1 to 192.168.1.255 (excluding 192.168.1.168).

7). Click **OK**.

8). Click **Close**.





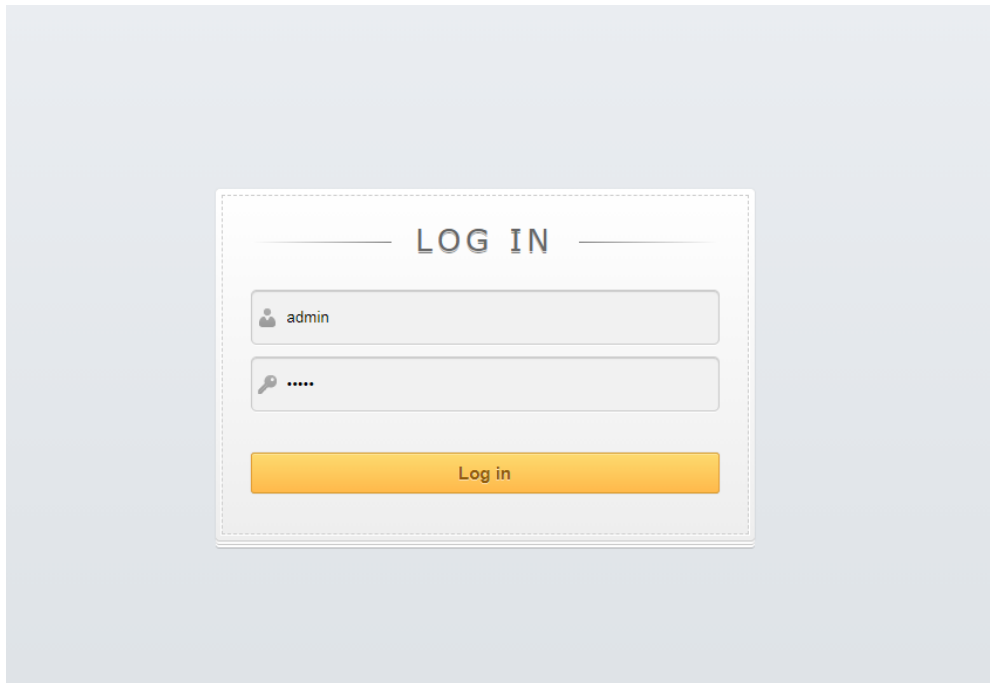
## 10.1 Enter Web and Control

Enter the default IP address of the matrix: 192.168.1.168

Account: **admin**

Password: **admin**

(If you forgot the account information, send command: `#factory root=8` to restore back to the default account information)



# 10.2 Status Interface

Input Info & Output Info & Device Info:

The screenshot displays a web interface for system status. On the left is a vertical navigation menu with options: Status, Input, Output, Matrix, Preset, and System. The main content area is divided into three sections:

- Input Info:** A table with columns: Connected, Resolution, Color, Audio, and HDCP. It lists 16 input ports (In1 to In16), each with an 'x' in all five columns, indicating they are connected and support these features.
- Output EDID Info:** A table with columns: Connected, Resolution, Color, Audio, and Product. It lists 16 output ports (Out1 to Out16), each with an 'x' in all five columns, indicating they are connected and support these features.
- Device Info:** Two rows showing version information:
  - MCU Version : V0.05
  - HTML Version : V0.04

# 10.3 Input Interface

**Rename:** Double click to revise the input port’s name, max 15 characters.

**Video:** Turn On/Off the Input’s video, won’t affect the audio extraction.

**EDID:** For setting and checking Default EDID, Copy output and User EDID information.

**USER EDID:** Supports saving Default or Output’s EDID to User EDID, and using the BIN documents upload to the User EDID.

Input	Rename	Video	Copy EDID From
In1	Input1	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In2	Input2	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In3	Input3	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In4	Input4	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In5	Input5	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In6	Input6	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In7	Input7	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In8	Input8	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In9	Input9	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In10	Input10	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In11	Input11	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In12	Input12	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In13	Input13	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In14	Input14	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In15	Input15	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
In16	Input16	<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾
All		<input checked="" type="checkbox"/>	Default1:4096x2160P@60-444 HDR:HLG ▾

Copy EDID From	Default1:4096x2160P@60-444 HDR:HLG LPCM:2.0 JTD ▾	to	User1 ▾	Apply	
User EDID	<input type="text"/>	Browse	to	User1 ▾	Upload

## 10.4 Output Interface

Rename: Double click to revise the output port's name, max 15 characters.

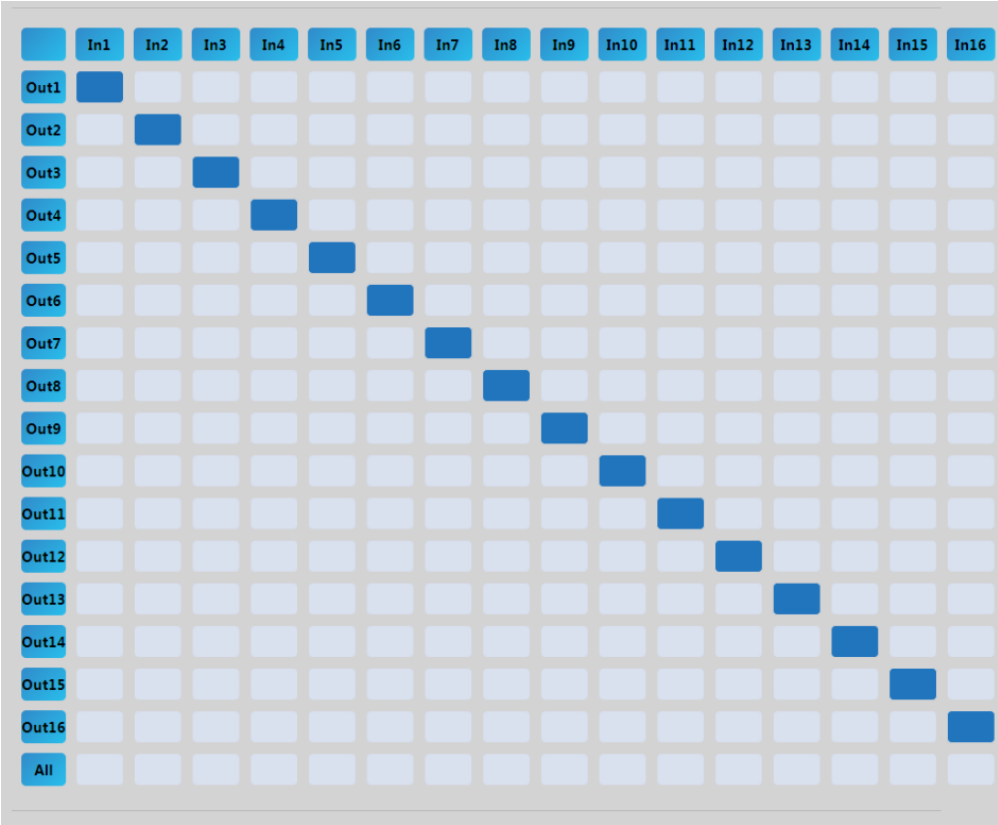
Audio Dec and ARC can only enable one of them.

Dec Src means decode the source audio from HDMI 1~16.

Auto HDMI means follow with the output's selection.

Output	Rename	Video	Audio HDMI	Audio Dec	Dec Src	Arc
Out1	Output1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out2	Output2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out3	Output3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out4	Output4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out5	Output5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out6	Output6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out7	Output7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out8	Output8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out9	Output9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out10	Output10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out11	Output11	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out12	Output12	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out13	Output13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out14	Output14	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out15	Output15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
Out16	Output16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>
All		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Auto HDMI ▾	<input type="checkbox"/>

# 10.5 Matrix Interface



# 10.6 Preset Interface

	Rename	Save	Call	Clear
Preset1 :	Preset1	Save	Call	Clear
Preset2 :	Preset2	Save	Call	Clear
Preset3 :	Preset3	Save	Call	Clear
Preset4 :	Preset4	Save	Call	Clear
Preset5 :	Preset5	Save	Call	Clear
Preset6 :	Preset6	Save	Call	Clear
Preset7 :	Preset7	Save	Call	Clear
Preset8 :	Preset8	Save	Call	Clear

# 10.7 System Interface

The screenshot displays a web-based system interface with three main sections:

- Network management:** Includes fields for Mac Address (46:58:4E:9E:E0:F3), IP Address (192.168.1.168), Net Mask Address (255.255.255.0), Gate Way Address (192.168.1.1), a DHCP toggle switch (set to Off), and TCP Port (5000). An 'Apply' button is located at the bottom of this section.
- Account management:** Includes fields for User Name, New Password, and Confirm the Password. An 'Apply' button is located at the bottom of this section.
- System management:** Includes buttons for Reboot, Factory Simple, and Factory All, each with an 'Apply' button to its right.

\*Factory simple: restore running info. (Includes video, audio, EDID, setup).

\*Factory All: reset all default setup functions.

# 11. Firmware Upgrade

First upgrade MCU (layer of application) and then upgrade CPLD. Finally upgrade MCU, HTML (web page). (CPLD, HTML, MCU all support to use USB Micro port for upgrading).

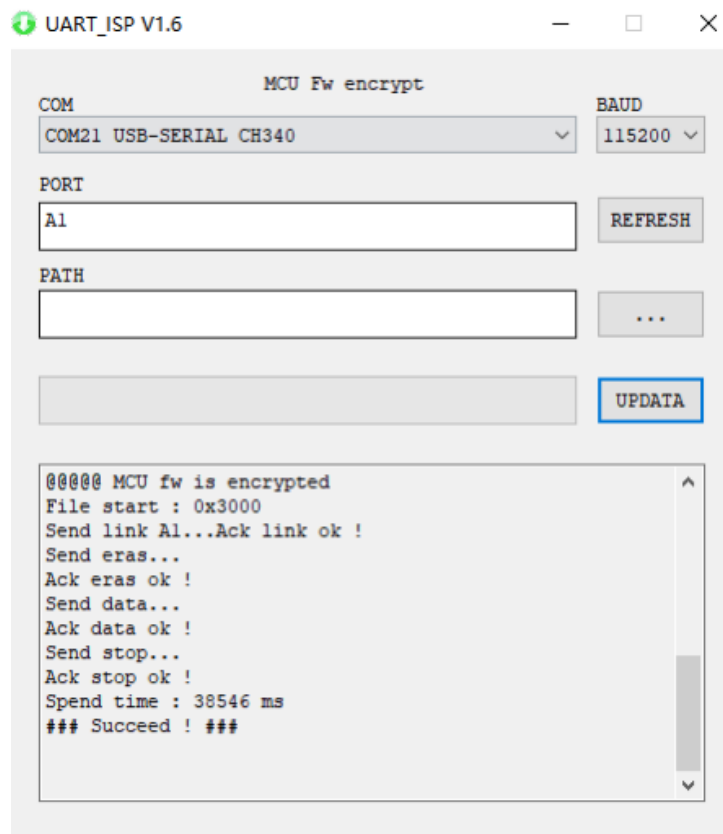
A1 means MCU

C0 means CPLD

F0 means HTML

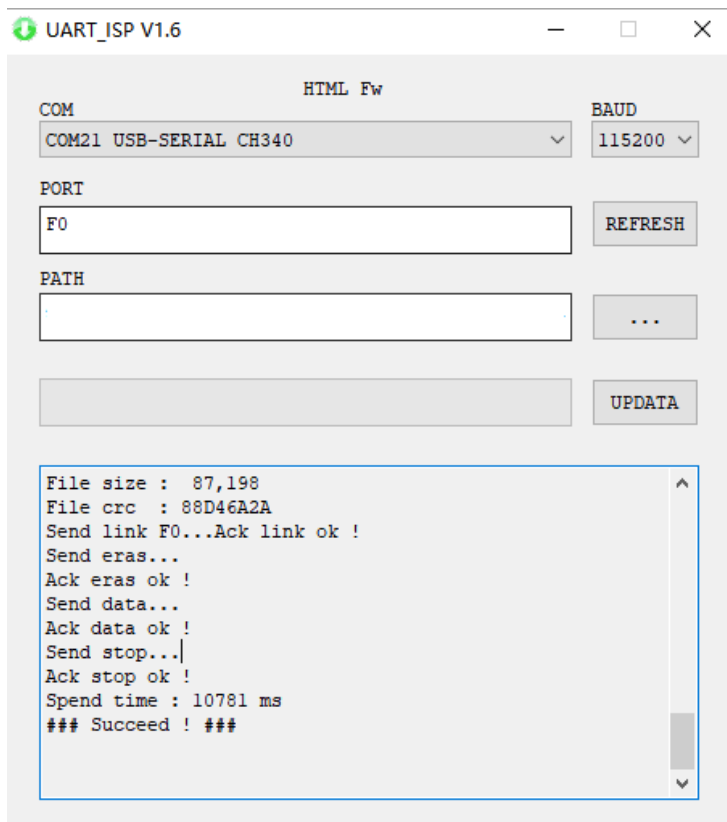
### MCU Upgrade:

Open the software UART\_ISP\_V1.6.exe on PC, select the correct port and baud rate 115200, enter "A1" in Port, then select the path of the program in PATH (XXX. Bin), and click UPDATA to complete the upgrade.



### HTML (WEB GUI) Upgrade:

Open the software UART\_ISP\_V1.6.exe on PC, select the correct port and baud rate 115200, enter "F0" in Port, then select the path of the program (XXX. HTML) in PATH, and click UPDATA to complete the upgrade.



## 12. Maintenance

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner, or benzine to clean.

## 13. Warranty

If your product does not work properly because of a defect in materials or workmanship, our company (referred to as “the warrantor”) will, for the length of the period indicated as below, “Parts and Labor (1) Year”, which starts with the date of original purchase (“Limited Warranty period”), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the “Labor” limited warranty period, there will be no charge for labor. During the “Parts” warranty period, there will be no charge for parts. You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.



## 14. Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured, and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone and/or email address where you can be reached.

## 15. Limited Warranty Limits and Exclusions

This Limited Warranty ONLY COVERS failures due to defects in material or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, mis-adjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Servicer, or damage that is attributed to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.) PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.



[WWW.JTECHDIGITAL.COM](http://WWW.JTECHDIGITAL.COM)  
PUBLISHED BY J-TECH DIGITAL INC.

9807 EMILY LANE  
STAFFORD, TX 77477  
**TEL:** 1-888-610-2818  
**E-MAIL:** [SUPPORT@JTECHDIGITAL.COM](mailto:SUPPORT@JTECHDIGITAL.COM)