

UNITEK V1110A / V1111A



## UNITEK 4K HDMI SWITCH

# User Manual

UNITEK V1110A 5 IN to 1 OUT HDMI1.4 Switch 4Kx2K@30Hz 10.2Gb/s  
UNITEK V1111A 3 IN to 1 OUT HDMI1.4 Switch 4Kx2K@30Hz 10.2Gb/s

*Thank you for purchasing our product .Before operating this product, please read the manual in detail and maintain it in good condition for reference in future!*

### Packaging contents

- 1.HDMI Switch x 1pc
- 2.Power Cable x 1pc
- 3.Remote Control x 1pc
- 4.User Manual x 1pc

### Installation and precautions

Before installing and using the product,read the instruction about safety and operation,and operate it accordance with the instruction.

- Maintain the manual for reference in future.
- Don't place cables under heavy items.
- Before using the product, please keep the room ventilated to make sure its normal operation and heat elimination.
- Don't put the product on built-in device such as bookcase, book shelf and etc., laundry tub, swimming pool and lake or in a wet basement.
- Don't place the product on unsteady places such as on the trolley, tripod and dining table and etc.

### Description of Product

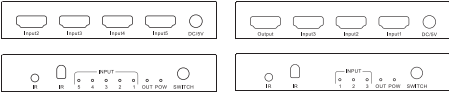
The HDMI multiple way switch allows access to multiple HDMI sources, using a single HDMI sink. The Switch allows multiple HDMI devices to be switched easily through one HDMI compatible monitor or projector. The Switch can also be placed at the end of a long HDMI cable to regenerate the HDMI signal.

### Description of Product

- Multiple HDMI input signals switched to a single HDMI sink devices.
- Support deep color 30bit, 36bit.
- Support Blu-Ray 24/50/60fs/HD-DVD/XVYCC.
- Digital audio format, as  
DTS-HD/Dolby-TrueHD/LPCM7.1/DTS/Dolby-AC3/DSD.

- Support signal retiming.
- Inputs can be switched with the IR remote control , also can be controlled by button.
- It can smartly jump over those input sources which are not connected.
- No loss of quality.
- Installs in minutes.

### Connection



- 1/2/3/4/5: HDMI input led status light.
- OUT: HDMI output led status light.
- POW: Power input led status light
- SWITCH: Input Signal Switch Button
- IR: Infrared Receiver Interface
- Connect the Infrared Receiver cable to the HDMI switch to use the remote function.
- DC/5V: 5V power input.
- When the voltage of a single HDMI cable is insufficient, external power supply is required.
- Input 1-5: HDMI input interface.
- Output: HDMI output interface.

### Operating and Connecting

1. Connect one cable from each HDMI source devices into HDMI Switch inputs.
2. Connect one cable from display (monitor or projector) into the HDMI Switch outputs.
3. Use the remote control to remotely switch or use button to switch between sources.

### SPECIFICATIONS

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| HDMI resolution             | 24/30/50/60fs/2160P/1080p/1080i/720p/576p/576i/480p/480i |
| Support video color format  | 24bit/deep color 30bit,36bit                             |
| Support audio format        | DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3/DSD            |
| Max bandwidth               | HDMI1.4 340MHz                                           |
| Max baud rate               | HDMI1.4 10.2Gbps                                         |
| Input/Output TMDS signal    | 0.5~1.5Volts p-p(TTL)                                    |
| Input/Output DDC signal     | 5Volts p-p (TTL)                                         |
| Max working current         | 350mA                                                    |
| Operating Temperature range | (-15 to +55°C)                                           |
| Operating Humidity range    | 5 to 90%RH (No Condensation)                             |
| Dimension (L x W x H)       | 110x60x20 (mm)                                           |
| Weight                      | 170g                                                     |

### IR Remote Operating Instruction

1. Firstly take off the plastic film in the rear of the remote board.
2. If you want to select any of the signal sources to the output, press the number key .Like if you want to switch the 2 input signal to the output, press the 2 key directly.
3. The up/down key in board is for switching the signal to the output, and the remote will jump over the signal source input when it is no signal input.
4. The plastic film is strongly advised to put into the rear of the remote board when the remote is not used for long time.

### Notes

Please use the machine as the instruction listed to keep the long use lifetime of the machine.

1. The machine should be placed at the spot far from the Damp.
2. High-Temperature, Dusty, Erosive, and oxidative environment.  
All parts will be free from the strong shake, hit, fall.
3. Please do not open the cover and do not touch the inside parts.

Before power on, please check the connection line carefully. And make sure that all interfaces are normally connected. The common trouble shooting way shows below:

| Serial No. | Trouble Description | Cause and Ways to deal with                                                                                                                                                                                                                                            |
|------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1          | No Picture          | 1. Please to make sure that the TV is on and has been connected with the machine.<br>2. To check if the signal source is on and well connected.<br>3. Check the system connection quality.<br>4. Check if the line is all good quality.<br>5. Check the cable quality. |
| 2          | Obscure Picture     | 1. To try again to connect the cable to be free from the unsuccessful connection.<br>2. HDMI Cable Quality.                                                                                                                                                            |
| 3          | Remote              | 1. Please check if the film that stops the current has been taken out.<br>2. To check if the remote battery is working full.                                                                                                                                           |

UNITEK V1110A / V1111A



## UNITEK 4K HDMI 切換器

# 使用說明書

UNITEK V1110A 5入1出 HDMI 1.4 切換器 4Kx2K@30Hz 10.2Gb/s  
UNITEK V1111A 3入1出 HDMI 1.4 切換器 4Kx2K@30Hz 10.2Gb/s

多謝選購本產品，在開始操作本產品前，請細心閱讀本說明書及保存本說明書於良好狀態，以便將來作參考之用。

### 包裝內容

1. HDMI 分配器 x 1
2. 電源供應器 x 1
3. 遙控器 x 1
4. 使用說明書 x 1

### 安裝及注意事項

安裝及使用本產品前，請閱讀有關安全和操作說明，並按照說明進行操作。

- 保存本說明書於良好狀態，以便將來作參考之用。
- 切勿將電纜放置於重物之下。
- 使用本產品前，請保持房間空氣流通以確保其正常運作及足夠散熱。
- 請勿將本產品放在書架、書櫃、洗衣盆、游泳池、湖泊或潮濕的地下室。
- 請勿將產品放置在不穩定的地方，如手推車、三腳架和餐桌等。

### 產品描述

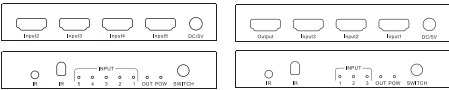
HDMI切換器可讓多組HDMI 訊號來源，快速、簡易地共享於一組HDMI 顯示設備。  
HDMI切換器能協助另一組HDMI的顯示器或投影儀輕鬆切換多個HDMI設備。  
HDMI切換器也可以放在HDMI線的末端，有效延長傳輸距離，改善傳輸信號

### 功能

- 同時讓多組HDMI 訊號來源，快速、簡易地共享於一組HDMI 顯示設備。
- 支援30Bit、36Bit影像色深。
- 支援Blu-Ray 24/50/60fs/HD-DVD/XVYCC。
- 支援DTS-HD/Dolby-TrueHD/LPCM7.1/DTS/Dolby-AC3/DSD數位音訊。
- 支援信號時鐘校正。

- 輸入信號可通過紅外線搖控切換，也可通過面板按鍵切換。
- 切換器會自動跳過沒有訊號輸入的接口。
- 完美傳送信號，保持最佳畫質。
- 簡易安裝設計。

### 連接說明



- 1/2/3/4/5: HDMI輸入信號燈。
- OUT: HDMI輸出信號燈。
- POW: 電源輸入信號燈。
- SWITCH: 信號切換按鍵。
- IR: 紅外線信號接收。
- 如要使用紅外線搖控，請接上紅外線接收配線到IR插孔上。
- DC/5V: 5V電源輸入。
- 當只有一組HDMI輸入時，請接上外部供電。
- Input 1-5: HDMI輸入接口。
- Output: HDMI輸出接口。

### 連接說明

1. 連接一組或多組HDMI裝置訊號到HDMI切換器的輸入接口。
2. 由顯示裝置（屏幕或投影機）連接一組HDMI訊號線到HDMI切換器的輸出接口。
3. 使用紅外線搖控器或面板上的按鍵切換不同的輸入信號。

### 規格

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| HDMI resolution             | 24/30/50/60fs/2160P/1080p/1080i/720p/576p/576i/480p/480i |
| Support video color format  | 24bit/deep color 30bit,36bit                             |
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| Max working current         | 350mA                                                    |
| Operating Temperature range | (-15 to +55°C)                                           |
| Operating Humidity range    | 5 to 90%RH (No Condensation)                             |
| Dimension (L x W x H)       | 110x60x20 (mm)                                           |
| Weight                      | 170g                                                     |

### 紅外線搖控使用指引

1. 請先移除紅外線搖控器背面電池保護膠片。
2. 如要選擇輸出一個指定信號源時，請按搖控器上的數字鍵。例如當要切換到信號源2，可按搖控器上的數字鍵2來進行直接切換。
3. 紅外線搖控器的上/下鍵是用於切換信號來源，當其中一個輸入口沒有信號時，切換器會自動跳過沒有訊號輸入的接口。
4. 建議保留電池保護膠片，當需要長時間儲存紅外線搖控器時，應該電池保護膠片從新裝上。

### 注意

請跟據以下指引操作本產品，以維持本產品的使用週期。

1. 機器應放置在遠離潮濕，高溫，多塵，腐蝕和氧化環境的地方。
2. 所有部件都不應受到震動，撞擊及跌落。  
請勿打開外殼，內部零件不能觸碰。

接通電源前，請小心檢查所有接線已正確安裝，常見問題及解決法案如下：

| 編號 | 常見問題 | 解決法案                                                                                                                       |
|----|------|----------------------------------------------------------------------------------------------------------------------------|
| 1  | 沒有影像 | 1. 請檢查並確定顯示屏已開啟電源及檢查接線已正確安裝。<br>2. 請檢查並確定訊號來源裝置已開啟電源及檢查接線已正確安裝。<br>3. 請檢查所有接線已正確安裝。<br>4. 請檢查所有接線是否在良好狀態。<br>5. 請檢查所有線材品質。 |
| 2  | 影像模糊 | 1. 請嘗試重新接駁影像輸出模糊裝置上的線材。<br>2. 請檢查HDMI線材的品質。                                                                                |
| 3  | 搖控問題 | 1. 請確保搖控器上的電池保護膠片已移除。<br>2. 請檢查搖控器內的電池有足夠電源。                                                                               |