

HP5

Halloween Projector User Guide



■ CAUTION!

WARNING: Please use this product as instructed. Misuse may cause injury or death.

- DO NOT expose to water or wet surfaces. Electric shock may occur
- DO NOT expose the projected LED image to your eyes or the eyes of others
- DO NOT block or restrict airflow from ventilation holes as this may cause the projector to overheat
- Keep the projector, or power cable away from any heat sources
- **NOTE: NOT FOR OUTDOOR USE**

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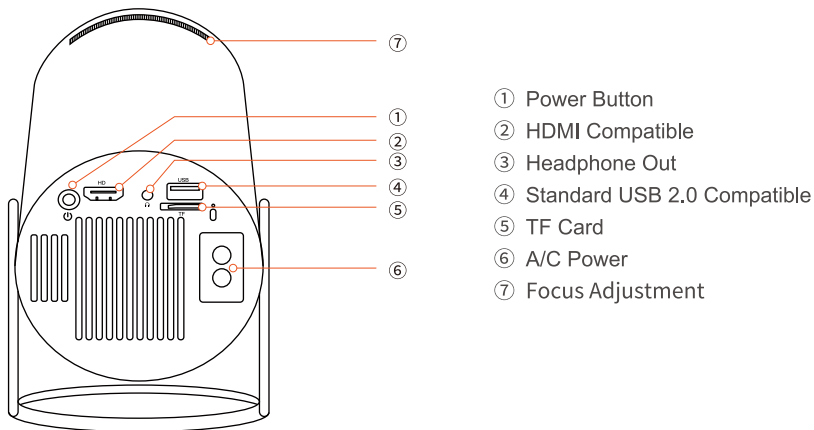
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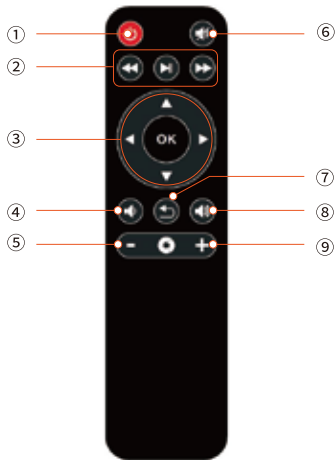
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Chapter 1: HP5 at a Glance

Main Unit

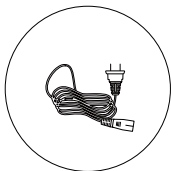


■ Remote & Keypad

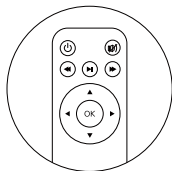


- ① Power On/Off
- ② Media Player Menu Navigation
- ③ Main Menu Navigation
- ④ Volume Down
- ⑤ KeyStone Adjustment -
- ⑥ Mute
- ⑦ Back/Return
- ⑧ Volume Up
- ⑨ KeyStone Adjustment +

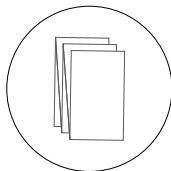
■ Accessories



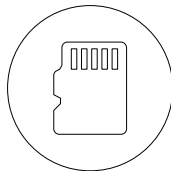
AC Cable



Remote Control



User Manual



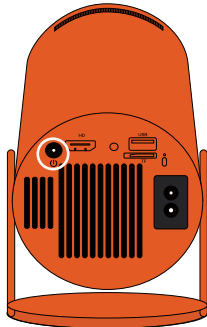
TF Card

*Under various circumstances, the actual accessories may be different from those shown in the pictures above.
Additional accessories are available for purchase at www.aaxatech.com

■ Chapter 2: Getting Started

Powering ON the projector

- Connect the power cord to the HP5.
- Connect the other end of the power cord into the wall power source.
- The projector can be turned on or off (once power is supplied) with either the On/Off button on the back of the projector, or the supplied remote control.
- The On/Off Timer can also turn the projector on/off. Please see the Timer page 29.



Focus Adjustment / Throw Distance

Focus Adjustment

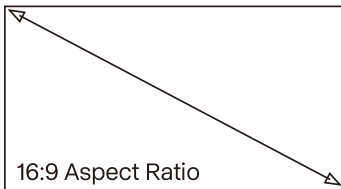
- Spin the focus wheel until the image becomes clear.

Throw Distance Chart

Throw Distance	Diagonal Screen
Units: Inches	Units: Inches
20	25.50
30	38.24
40	50.99
50	63.74
60	76.49
70	89.24
80	101.99
90	114.73
100	127.48
110	140.23
120	152.98



DIAGONAL SCREEN SIZE



Throw Ratio: 0.9:1

Projection Angle: 0% Offset

*minimum throw distance: 30 inches

■ Connecting Speakers / Headphones

The HP5 can connect a **Bluetooth or Wired speaker**

- For Bluetooth Speaker Connection instructions, please see page 28
- For Wired Speaker instructions please connect the appropriate 3.5mm audio wire to the back of the projector.

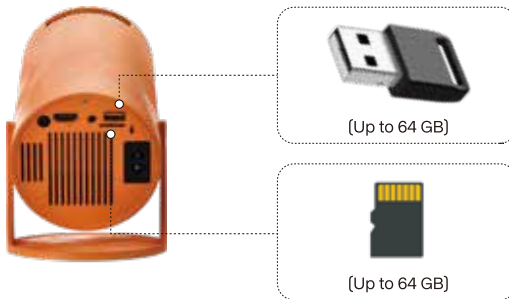


■ Loading External Content

The HP5 Projector can read files directly from both a TF Card and USB Drive.

Supported file types include: MP3 / WMA / OGG / WAV / AVI / MP4 / JPG / GIF / PDF / DOC / XLS / PPT

Note: The existing Halloween Special FX Videos are found on the TF Card. Additional Halloween Special FX Videos can be found on www.spectralillusions.com for download. Load these videos directly to the existing or new TF card.



■ Loading External Content Cont

How to insert your TF Card

- Slide in your TF card into the TF card slot on the back of the HP5
- Gently slide the TF card until it clicks into place.



(Up to 64 GB)

■ Loading External Content Cont

How to insert your USB Drive

- Slide your USB Drive into the USB port.
- Gently slide the drive until it cannot go in any further



(Up to 64 GB)

■ Keystone Adjustment



What is Keystoneing?

“Keystoneing” occurs when a projector is aligned non-perpendicularly to a screen, or when the projection screen has an angled surface. The image that results from one of these misalignments will look trapezoidal rather than square.

Keystone Adjustments

By adding a special, selectable algorithm to the scaling, some new projectors are able to alter the image before it reaches the projection lens. The result is a squared image, even at an angle.

■ Keystone Adjustment

How to Reset Keystone

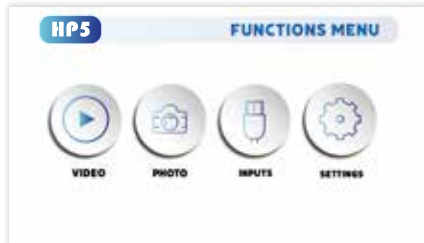
Keystone can be reset in Projector Functions -> Settings -> Options, and clicking on the Keystone Top or Bottom buttons.



Chapter 3: Menu Screens

Main Menu

The HP5 features an Onboard Media Player. To play videos, pictures, and music files directly from your connected devices, go to the “Projector Functions” in the Main Menu.



- Press the left and right directional buttons to choose an icon from the main menu.
- To select a menu option, press the “OK” button on the remote control.
- To go back to the previous screen, press the “Back/Return” button.

■ Halloween Effects Menu

To play special Halloween effects:

- Select the “Halloween Video Player” icon in the Main Menu then choose the your preferred effects in the “Video Menu” .
- Select effect(s) you want to play and press the "Play Selected" icon, The effects will be played in a loop.
- Select “Reset” icon if you wish to Deselect all effects.
- To go back to the previous screen, select the “Return” icon.



■ AutoPlay

What is the HP5 AutoPlay™ feature? The AutoPlay function enables the HP5 projector to directly boot and play video(s) the user selects when the projector is turned on. This allows a specific video to be played directly upon projector startup without the user needing to select the video each time. The AutoPlay™ function works in conjunction with the onboard Timer system – which can be set to turn on and off the projector each time.



■ AutoPlay

Selecting a Single or some Videos for Playback:

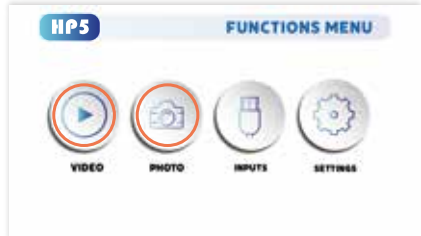
- Turn on the "AutoPlay" function in the main menu
- Go to the Halloween Videos Menu
- Choose the video(s) that you want to play and select the "Play Selected" icon
- The AutoPlay™ function works in conjunction with the onboard Timer system – which can be set to turn on and off the projector each time (See page 29).



Files Menu

Opening A File:

- Select the “Projector Function” icon in the Main Menu
- In the “Functions Menu”, select the “Video” or “Photo” icon



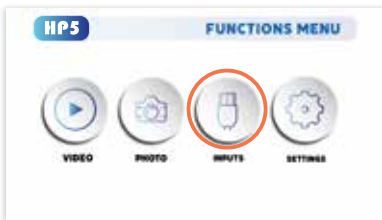
■ Files Menu

The HP5 will show all folders and files you have on your USB or TF Card drive. Use the navigation buttons on the remote control to select folders or files.



■ Connecting to Device via Digital Input

- First, a digital input cable is required from your HP5 to your other device.
- In the Functions Menu , Select the “Inputs” Icon, Then select the “Digital Video” Icon



Connectivity to Multimedia Devices

The HP5 can connect to many media devices including: computers, laptops, iPhones, iPads, DVD players, smart phones, cameras, video game consoles and other peripherals with ease. The HP5's digital input is compatible with HDMI interface. The connection type is “full sized”.

*Some smartphones require video out capabilities to be displayed with the HP5. Check with your phone manufacturer.

■ Connecting to Digital Input Video Devices

Step 1: Connect one end of the Digital Input Cable to your device's Digital Input port.



Step 2: Connect the other end of the Digital Input Cable to your HP5's Digital Input port.

Step 3: In the Input Menu, select the "Digital Video" Icon. Your HP5 should now be mirroring the content from your device.



Note: If you're connecting to a computer or laptop and the projector does not automatically mirror it, read onto the next page for more information.

Step 4: After connecting your projector to your computer or laptop via a digital input cable, you may need to enable Digital Video output on your computer. To enable Digital Video output on your computer most computers require "turning on" the video output feature. Each computer is different. Please consult your owner's manual for instructions to enable Digital Video output. Below are standard instructions for a Windows 10 computer – not all systems are the same.

■ Connecting to a Computer via Digital Input

Step 5: Press Windows+P to toggle through display settings.
Select either “Duplicate” or “Extend” depending on your viewing option.

***NOTE:** Different operating systems may differ



- Step 6:**
- Right click on computer desktop and select “Screen Resolution.”
 - Display Properties window will pop up and select the Advance Display Settings.
 - Please make sure the “Multiple displays” has the “Duplicate these displays” option selected and the Resolution is 1920 x 1080 or below as pictured in the red box.
 - If the image is blurry or the text is not legible, adjust the screen resolution.



■ Mirroring Menu

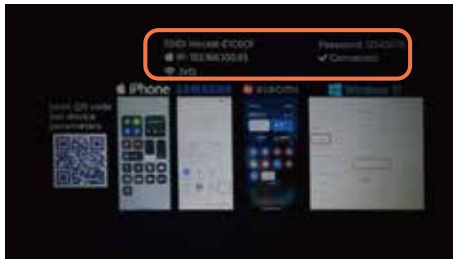
In the Main Menu, choose “Projector Functions” icon , In the Functions Menu, choose “Inputs” icon, then choose “Mirroring” icon.



■ Mirroring Menu

Wireless screen

- Choose “Wireless screen” icon, you can see the projector screen as below
- Please connect your mobile phone to the projector's SSID "Hccast-*****" or set the mobile phone and projector connected to the Same WiFi .
- Use built-in AirPlay, AirPinCast, AirPinPCSender to screen mirror from your iOS devices, Android portable devices or Windows PC.



To screen mirror, your devices and the HP5 have to be connected to the same WiFi network. DMCA (copyright) content cannot be wirelessly mirrored. This includes content from streaming services such as Netflix, Hulu, Disney+, etc.

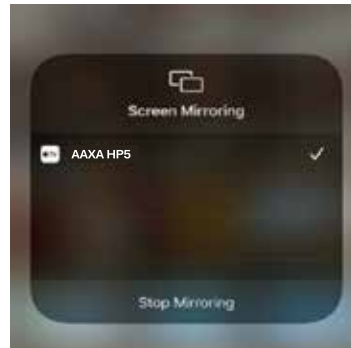
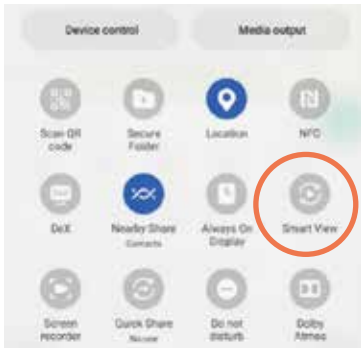
■ Mirroring Menu

To screen mirror Android device

- After connecting the HP5 and your device to the same WiFi network, please use “Smart View”

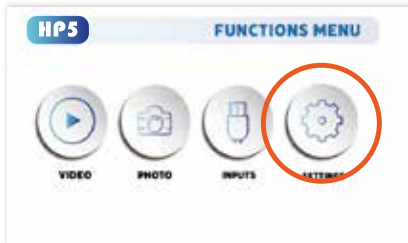
To screen mirror iOS device

- After connecting the HP5 and your device to the same WiFi network, please select “AAXA HP5” in the Screen Mirroring menu.



Chapter 4: Settings Menu

The Settings Menu can be accessed by selecting “Settings” icon in the “Functions Menu”.



Picture

- Picture Mode
- Color Temperature
- Aspect Ratio
- Noise Reduction
- Projection Direction

Sound

- Sound Mode
- Balance
- Auto Volume

Options

- OSD Language
- Restore Factory Default
- Slideshow Time
- Software Version

Bluetooth

- BT Model
- Bluetooth Speaker Set
- My device
- Other device

Timer

- Projector Time
- Automatic Timer
- Projector On Time
- Projector Off time

Picture Menu



In the Picture menu, you can set up:

- **Picture Mode:** Standard, Soft, Vivid, User
- **Color Temperature:** Cool, Medium, Warm, User
- **Aspect Ratio:** 16:9, 4:3, Auto
- **Noise Reduction:** High, Middle, Low, Default, Off
- **Projection Direction** (Rotate)

■ Sound Menu



In the Sound menu, you can set up:

- **Sound Mode:** Standard, Sports, Movie, Music, User
- **Balance:** Increase or decrease sound balance
- **Auto Volume:** Turn Auto Volume On or Off

Options Menu



In the Options Menu, you can set up:

- **OSD Language:** Change the OSD Language
- Restore Factory Default
- **Slideshow Time:** 5sec, 10sec, 15sec, OFF
- **Software Version:** Check Software Version

Bluetooth Menu



The Bluetooth is designed to connect an external speaker or amplifier.

To connect an external speaker:

- Turn on external speaker and place the speaker in “connect” or “search” or “broadcast” mode
- Turn on Bluetooth and select “Search Bluetooth” if necessary on the HP5 Projector Menu
- Select the appropriate Bluetooth device and click on the device
- The Bluetooth device should connect automatically
- The HP5 will “remember” the connected Bluetooth speaker upon reboot.

■ Timer Menu



- The Timer Function is a unique feature of the HP5 that allows the Projector to be turned off and on at a set time. The HP5 will “remember” the set times for a limited time even if power is cut / projector is unplugged. To use the Timer function:
 - ❶ Projection Functions -> Settings -> Timer
 - ❷ Set the correct Projector Time by selecting the time (in 24 hour format)
 - ❸ Set the Projector On Time (in 24 hour format)
 - ❹ Set the Projector Off Time (in 24 hour format)
- The HP5 projector will now turn on and off at the set times

Chapter 5: Technical Details

Troubleshooting

1. IMAGE IS BLURRED

Possible Causes	Solution
The Projector is not in focus.	Adjust the focus wheel on the top of the projector until the image is crisp and clear. Make sure that the projector is placed at least 2 feet away from the screen. (check page 5)
The Projector is offset from plane / angle of operation.	Move the projector so that it is both 180 degrees and on an even plane with the screen or use the Keystone buttons on the remote control to adjust the keystone. (See page 11)

2. THE HALLOWEEN VIDEOS ARE CORRUPTED

Possible Causes	Solution
The pre-loaded Halloween videos are corrupted.	Please contact our customer support via email info@aaxatech.com , we will help you download new Halloween effects.
The TF card is corrupted	Please contact our customer support via email info@aaxatech.com , we will help you with a replacement.

■ Technical Details

Troubleshooting

3. NO SYNC, NO SIGNAL

- Be sure to setup the computer to enable a video signal output. On some laptops this is done by pressing and holding Function F5 key. If using the HP5 as an external monitor on Windows based systems, this can be done by selecting “extend my desktop to this monitor”.
- Depending on the video driver different resolutions may need to be selected for proper output.

4. THE PROJECTOR DOES NOT TURN ON

Possible Causes	Solution
There is no power.	Check to ensure the power outlet source is good. Check the AC cable to ensure a proper connection with the outlet as well as the projector.
Cannot power on the projector from the remote control.	To power on the projector, press and hold the “On/Off” button on the back of the projector. Next, if the projector is not powered on, press the Power button on the remote control.

■ Technical Details

Troubleshooting

5. NO PICTURE / FILE NOT SUPPORTED

Possible Causes	Solution
The video source is not properly connected or selected	Check the video source signal to ensure that it is properly connected. Select the current input source by choosing the input desired from the main menu
Incorrect file extension / Video is encoded with incorrect codec	Please refer to “Specifications” page to see which file types and codex are supported. Verify that the file was encoded properly.

■ Specifications

Maximum Resolution:	1920 x 1080 (1080P)
Native Resolution:	1280 x 720 (720P)
Contrast Ratio:	500:1
Aspect Ratio:	16:9
Projection Lens:	Manual Focus
Image Size:	30~200 inches
Video in:	HDMI, Wireless Mirroring
File Play Back:	USB Memory Stick reader (Up to 64GB), Micro SD/TF Card Reader (Up to 64GB)
Audio Output:	2W High-Low Frequency Speaker, Bluetooth 4.3, Stereo speaker / headphone mini-jack
Menu Language:	English, Spanish, Chinese, German
USB:	Full Sized USB 2.0
Power Consumption:	60 Watts
Dimensions:	7.5" H x 3.75" D (fully vertical)
Weight:	1lbs
Supported File Formats:	MP3 / WMA / OGG / WAV / AVI / BMP / JPG / GIF / TXT
Wireless Mirroring:	Iphone / Samsung / Android
Bluetooth Output:	4.2 / 5.0 Compatible

■ Notes



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