

HP4

Halloween Projector

User Guide



■ CAUTION!

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

- DO NOT use while driving
- 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, battery, or charger away from any heat sources

■ Table of Contents

Chapter 1: HP4 at a Glance

HP4 Introduction	1
Remote & Keypad	2
Accessories	3

Chapter 2: Getting Started

Powering On / Off	4
Focus Adjustment / Throw Distance	6
Connecting to Speakers / Headphones	7
Loading External Content	8
Keystone Adjustment	11

Chapter 3: Menu Screens

Main Menu	13
Halloween Effects Menu	14
AutoPlay	15

Files Menu	17
Connecting to Device via Digital Input	19
Mirroring Menu	22

Chapter 4: Settings Menu

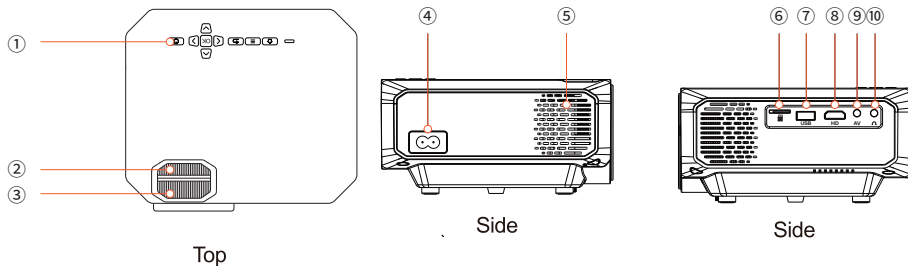
Picture Menu	28
Sound Menu	29
Options Menu	30
Bluetooth Menu	31
Timer Menu	32

Chapter 5: Technical Details

Troubleshooting	33
Specifications	36
Notes	37

Chapter 1: HP4 at a Glance

Main Unit

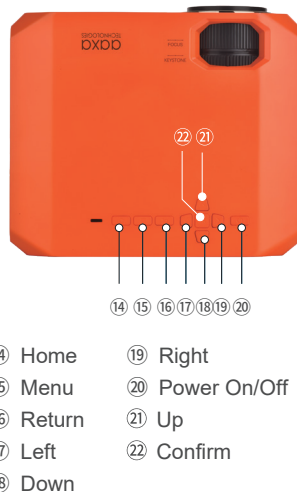


- ① Power Button
- ② Keystone Adjustment
- ③ Focus Adjustment
- ④ D/C Power

- ⑤ Vent Fan
- ⑥ TF Card
- ⑦ Standard USB 2.0 Compatible
- ⑧ Digital AV (HDMI Compatible)

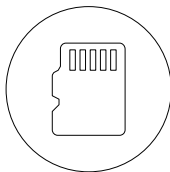
- ⑨ Composite AV
- ⑩ Headphone Out

Remote & Keypad

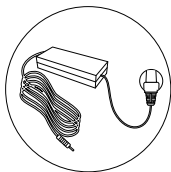


Both the keypad and remote can be used to navigate through the menus. The Main Menu Navigation on the remote functions exactly the same as the directional pad on the HP4 unit.

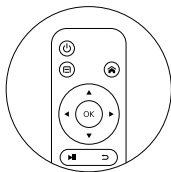
■ Accessories



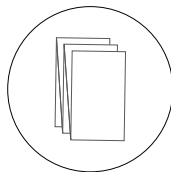
TF Card



Power Adapter



Remote Control



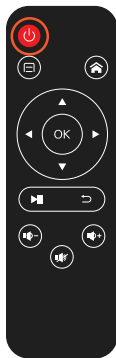
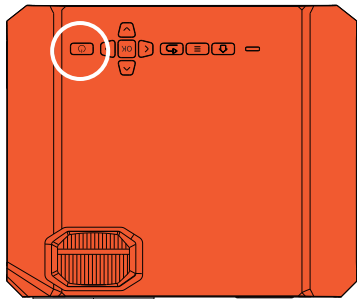
User Manual

*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 HP4.
- Connect the other end of the power cord into the wall power source.
- Press the On/Off button at the top of the HP4 for about 3 seconds, wait shortly and the projector should automatically boot up and turn on. You can also press the Power On/Off button on the Remote Control to power on the projector.



■ Getting Started

Standby Mode

1. To transition to “STANDBY” mode, press the power button twice on the remote control.
2. The optical engine should power off and the fan should stop spinning. The projector is now in “STANDBY” mode and can be turned on using the remote control.

***Note: Standby mode will still consume a small amount of power.**

Powering OFF the projector

1. To turn off the projector, press the “On/Off” button on the navigation pad on top of the projector or the remote control. This will fully turn off the projector.
2. Unplug and disconnect the HP4 from the power source

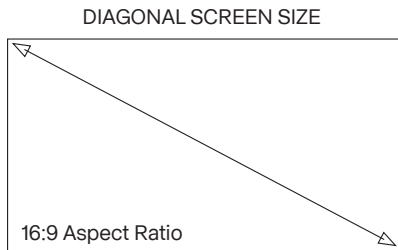
■ Focus Adjustment / Throw Distance

Focus Adjustment

- Spin the focus wheel until the image becomes clear.

Throw Distance Chart

Throw Distance	Diagonal Screen
Units: Inches	Units: Inches
25	20
30	25
40	33
50	41
60	49
70	57
80	66
90	74



Throw Ratio: 1.33:1

Projection Angle: 0% Offset

*minimum throw distance: 18 inches

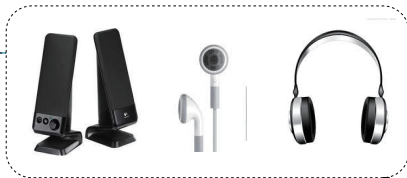
■ Connecting Speakers / Headphones

Step 1: Connect your speakers/headphones to the projector's audio port.

Step 2: Ensure that the projector and/or the headphones are powered on.

Step 3: Place the headphones on and enjoy!

***CAUTION:** Prolonged use of headphones at a high volume may impair hearing.



■ Loading External Content

The HP4 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

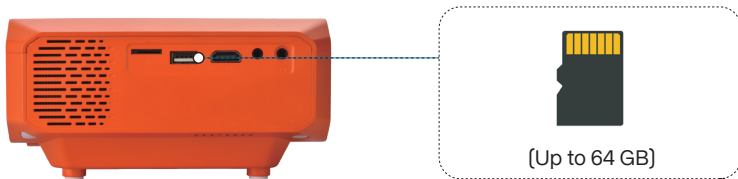


(Up to 64 GB)

■ Loading External Content Cont

How to insert your TF Card

- Slide in your TF card into the TF card slot on the side of the HP4
- Gently slide the TF card until it clicks into place.



■ 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 Correct Keystone

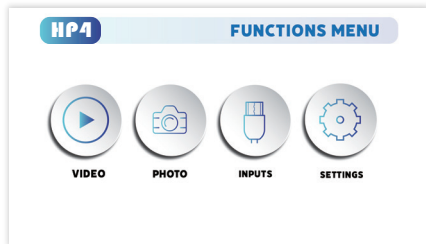
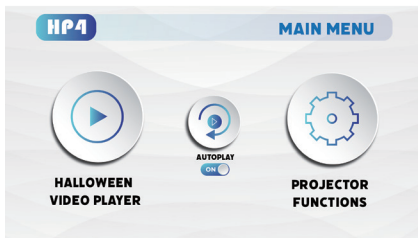
If the image looks trapezoidal with the base or the top larger, use the Keystone Adjustment wheel on the top of the HP4 projector to adjust the image until the projection screen is a squared image.



Chapter 3: Menu Screens

Main Menu

The HP4 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.

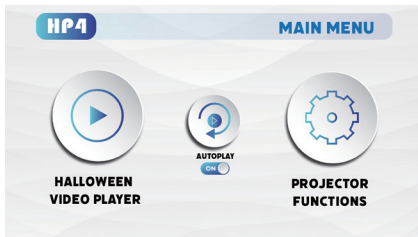


- Press the left and right directional buttons to choose an icon from the main menu.
- To select a menu option, press the “OK” button in the navigation pad.
- To go back to the previous screen, press the “Return” button.
- To return to the main menu, press the “Home” button.

■ Halloween Effects Menu

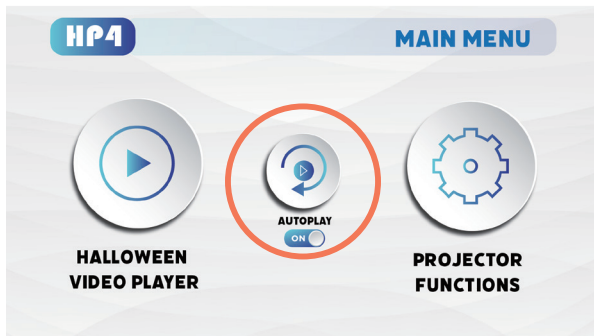
To play special Halloween effects:

- 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

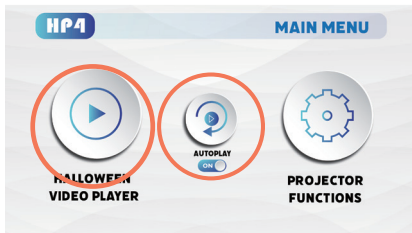
What is the HP4 AutoPlay™ feature? The AutoPlay function enables the HP4 projector to directly boot and play video(s) the user selects when the projector is turned on. This allows a specific video to be played directly upon projector startup without the user needing to select the video each time. The 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:

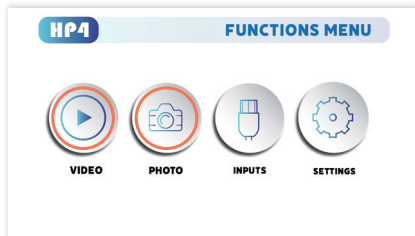
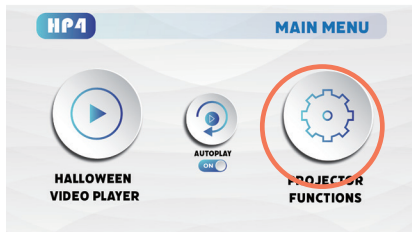
- Turn on the "AutoPlay" function in the main menu
- Go to the Halloween Videos Menu
- Choose the video(s) that you want to play and select the "Play Selected" icon
- The AutoPlay™ function works in conjunction with the onboard Timer system – which can be set to turn on and off the projector each time [See page 32].



Files Menu

Opening A File:

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



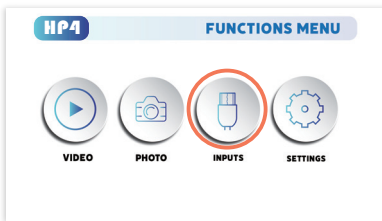
Files Menu

The HP4 will show all folders and files you have on your USB or TF Card drive. Use the navigation buttons on the navigation pad or the remote control to select folders or files.



■ Connecting to Device via Digital Input

- First, a digital input cable is required from your HP4 to your other device.
- In the Functions Menu , Select the “Inputs” Icon, Then select the “Digital Video” Icon



Connectivity to Multimedia Devices

The HP4 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 HP4'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 HP4. 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 HP4's Digital Input port.



Step 3: In the Input Menu, select the “Digital Video” Icon. Your HP4 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.

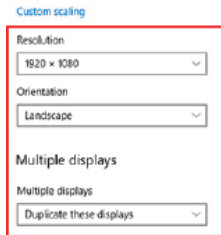
■ Connecting to a Computer via Digital Input

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

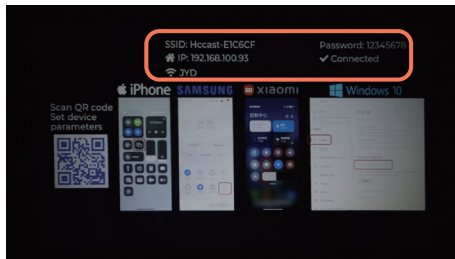
In the Main Menu, choose “Projector Functions” icon , In the Functions Menu, choose “Inputs” icon, then choose “Mirroring” icon.



■ 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 HP4 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.

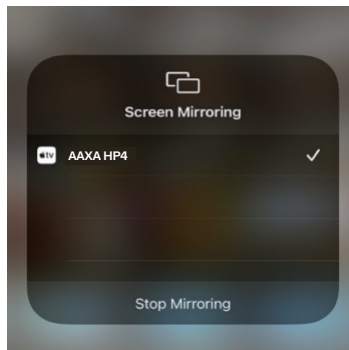
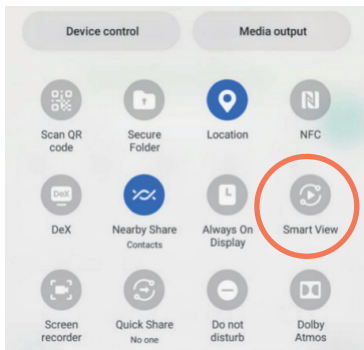
■ Mirroring Menu

To screen mirror Android device

- After connecting the HP4 and your device to the same WiFi network, please use “Smart View”

To screen mirror iOS device

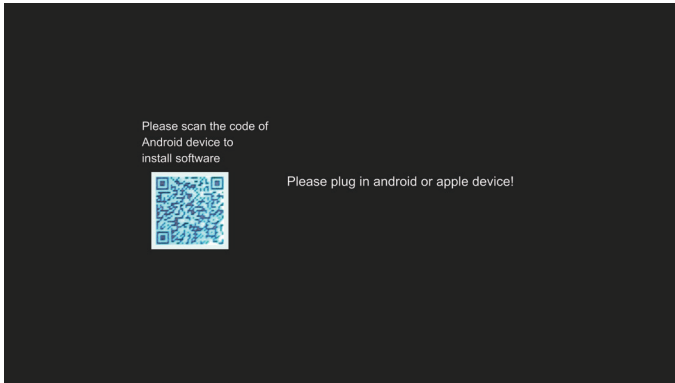
- After connecting the HP4 and your device to the same WiFi network, please select “AAXA HP4” in the Screen Mirroring menu.



■ Mirroring Menu

Wired Mirror

- Choose “Wired Mirror” icon, you can see the projector screen as below



■ Mirroring Menu

To screen mirror Android device

- Connect the smart-phone to projector by data cable
- Scan the code of Android device to install software, "elfcast"
- Then your mobile phone mirror to the projector

To screen mirror iOS device

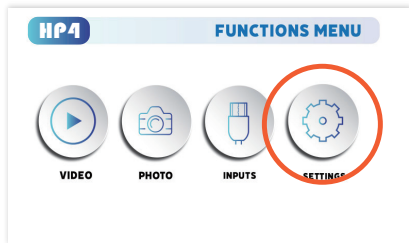
- Connect your iPhone to projector by data cable
- Press the "trust" in the pop up window.
- Wait a while, your iPhone will mirror to projector

Note: The first connection may take about 20 seconds



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

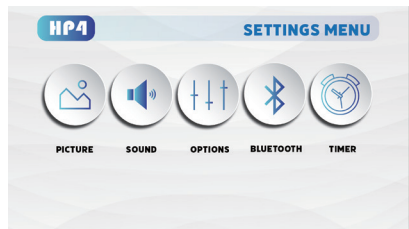
Options

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

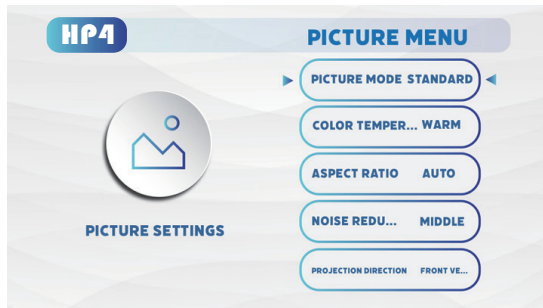
Bluetooth

Timer

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



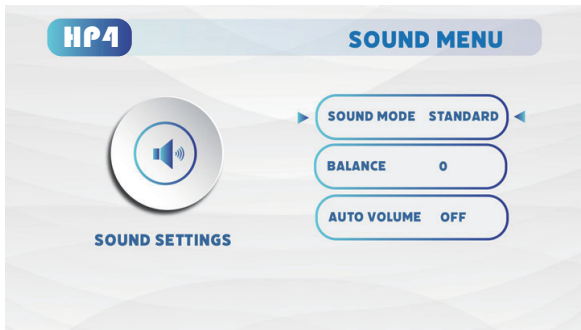
Picture Menu



In the Picture menu, you can set up:

- **Picture Mode:** Standard, Soft, Vivid, User
- **Color Temperature:** Cool, Medium, Warm, User
- **Aspect Ratio:** 16:9
- **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

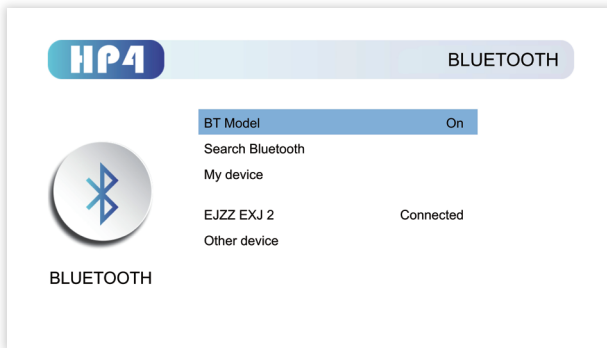
Options Menu



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



In the Bluetooth Menu, you can set up:

- **BT Model:** On, Off
- **Bluetooth Speaker Set:** Bluetooth Speaker Name, Bluetooth Speaker Mode
- **My device**
- **Other device**

■ Timer Menu



In the Timer Menu, you can set up:

- **Projector Time:** set the Projector Time
- **Automatic Timer:** Toggle Timer to “On” to have the projector automatically turn On and Off
- **Projector On Time:** Set the time for the projector to automatically turn on
- **Projector Off Time:** Set the time for the projector to automatically turn off

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 the crisp and clear. Make sure that the projector is placed at least 2 feet away from the screen. (check page 6)
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 adjust the keystone using the keystone adjustment wheel. (check 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 HP4 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 power adapter to ensure a proper connection with the wall 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 top 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

Brightness:	250 LED Lumens
Maximum Resolution:	1080P
Native Resolution:	1920x1080 (1080p)
Contrast Ratio:	2000:1
Aspect Ratio:	16:9
Projection Lens:	Manual Focus
Image Size:	18~200 inches
Video in:	HDMI, AV (3.5mm), Wireless Mirroring
File Play Back:	USB Memory Stick reader (Up to 64GB), Micro SD/TF Card Reader (Up to 64GB)
Audio Output:	3W High-Low Frequency Speaker, Stereo speaker / headphone mini-jack
Menu Language:	Czech, Danish, German, English, Spanish, Greek, French, Croatian, Italian, Hungarian, Dutch, Norwegian, Polish, Portuguese, Russian, Romanian, Slovenian, Serbian, Finnish, Japanese, Korean, Traditional Chinese, Simplified Chinese
USB:	Full Sized USB 2.0
Power Consumption:	50 Watts
Dimensions:	7.7in x 6.8in x 3.2in
Weight:	2.1lbs
Supported File Formats:	MP3 / WMA / OGG / WAV / AVI / MP4 / JPG / GIF / PDF / DOC / XLS / PPT
Wireless Mirroring:	Supports iOS, Android
Bluetooth Output:	5.0 Supported

■ Notes



Please direct all customer service inquiries to:

AAXA Technologies, Inc.

17781 Sky Park Circle, Suite #F, Irvine, CA 92614

Tel: +1 (714) 957-1999 | Email: info@aaxatech.com