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SAFETY INSTRUCTIONS

Read all instructions before you use this projector. Do not make any changes or create settings that are not described in this manual. If physical injury, loss of data or damage is caused by failure to follow instructions, the warranty does not apply.

SETUP

• To reduce the risk of fire and/or electric shock, do not expose the device to rain or moisture. Objects filled with liquids, such as vases, should not be placed on this device.

• Do not place this device on soft surfaces such as tablecloths or carpets, otherwise the device could be a fire hazard.

• Do not place this device in areas susceptible to excessive dust and dirt or near any appliance generating a strong magnetic field.

• To prevent overheating do not block or clog the ventilation openings.

• Never place this device in a confined space. Always leave enough space around this device for ventilation.

• Protect this device from overexposure to direct sunlight, heat, large temperature fluctuations and moisture. Avoid extreme temperatures. The suitable operations and storage temperature for this device and its accessories is 0°C to 35°C/32°F to 95°F.

• When this device is running for a long period of time, the surface may become hot. Shut it down immediately and unplug the charger. Resume operation after this device has cooled down.

• Always handle this device with care. Avoid touching the lens. And do not look directly into the lens to avoid the strong light hurt your eyes.

Note: When projector is working, please do not look directly into the lens, the strong light will flash your eyes and cause slight pain if your eyes are close to the lens. Children should use the projector under the supervision of adults.

CHARGING

• The output voltage/current of the adapter is DC 5V 3A and the input voltage/frequency is AC100-240V, 50/60Hz.

• When charging, place this device in an environment that has a normal room temperature (ranges from 5°C to 25°C/41°F to 77°F recommended) and good ventilation.

BATTERY

• Do not replace the built-in battery yourself. Contact an authorized service center to replace it.

• The remote control contains 2 x AAA batteries, keep the remote control out of reach of children.

• Risk of explosion! Keep batteries away from heat, direct sunlight or fire. Never dispose of batteries by burning.

• When the remote control is not used for a long period of time, remove the battery.

• Replace the remote control battery only with the same or an equivalent type.

• Batteries contain chemical substances and should be disposed of properly.

• Charge this device regularly. Do not store this device with a completely discharged battery.

CLEANING

• Use a soft, lint-free cloth. Never use liquid, gaseous or easily flammable cleansers (sprays, abrasives, polishes, alcohol) to clean.

• Do not use any liquid cleaning agents to clean the lens to avoid damaging the coating film on the lens. Use lens cleaning paper to clean the lens.

REPAIRS

• Do not make any repairs to this device yourself. Only have your device repaired by an authorized service center.

• Improper maintenance can result in injuries or damage to this device.

• Refer all servicing to qualified service personnel.

CAUTION

• Possibly hazardous optical radiation emitted from this device.

• Do not stare at the operating beam. The bright light may damage your eyes.
WHAT'S INCLUDED

- WT50 Smart Mini Projector
- Remote Control
- Power Adapter
- HDMI Cable
- Mini Tripod
- Quick User Manual

OVERVIEW

1. Front View

- Volume adjustment
- Touch area
- Function key
- Home menu
- Return button

2. Rear View

- Lens protective cover
- Tripod socket

3. Left View

- Focus Adjusting Wheel
  (Adjusting the picture definition by rotating the focus adjusting wheel.)
- Turn ON/OFF
- Power switch button
- Micro SD card
4. Right View

1. USB: Support USB flash drive data read.
2. DC: Connect to power supply.
3. Earphone Aux-In Port: Connect to an external speakers/earphones.
4. HD: Connect to a playback device via HD output.

5. Remote control

1. ON/OFF
   - Press to select an option: shutdown.
2. Same Screen
   - Press to enter same screen mode.
3. Airplay
   - Press to enter Airplay.
4. Navigation Buttons
   - Navigate menus or adjust the selected content.
5. Menu
   - Access more options during play (available depend on the source).
6. Return
   - Return to the previous menu.
7. Volume + / -
8. Mute
   - Press to enter mute mode.
9. Mouse Key Mode
   - Press to enter/exit mouse key mode.
10. OK
    - Press to confirm a selection or entry. Pause/resume play.
11. Home
    - Open the home menu.

Note: When using the IR remote control, you should aim at the red light on the projector bottom rather than screen. And the ( ) on the remote control can only shutdown the projector (cannot turn on the projector) without charging.

GETTING STARTED

1. Placement
   - Place this device on a surface table or somewhere else, flat place in front of the projection surface. For best results, the projection surface should be white and flat. The best projection distance between this device and the projection surface is 1-1.5 m. Recommend for use in dimmer environments.

Note:
- It is unnecessary to tilt it towards the projection surface. You can correct the projection image with the built-in keystone correction.
- The distance between the device and the projection surface determines the projection image size.
2. Preparing the Remote Control

1. For first time use, install new batteries (2 x AAA batteries, not included).
2. To replace the batteries, unlock and open the battery compartment, insert two new batteries positioning the polarity (+/-) as indicated, and then close and lock the battery compartment.

3. Get Started

1. Fully charge the built-in battery before using for the first time by using the provided charger.
2. Slide ☁ to the left, and then press 🎥 on the projector to start the projection. After several minutes, the home menu will be displayed.
3. Turn the device towards a suitable projection surface or wall.
4. Rotate the focus adjusting wheel to get the best focus.
5. For first time use, follow the on-screen instructions to complete the basic settings.

Note: Please use the supplied charger to charge AKASO mini projector.

Note: On the home menu, press Bluetooth/Wi-Fi/RJ45 icon to access the corresponding interface directly. Press Micro SD card/USB flash drive/Battery icon, you cannot access the corresponding interface.

A. Wi-Fi

This device can be connected to the network via a wireless (Wi-Fi) connection.
1. Select [Wi-Fi] and press OK on the remote (or click on the touch area of the projector) to access the Wi-Fi interface. Or you can select 🎥 on the home menu to access the Network settings interface directly.
Press > on your control remote or move the mouse to OFF/ON button on the projection screen to turn on the Wi-Fi. After turning on the Wi-Fi, please select wireless network and type the password to start to connect. (Follow the on-screen instructions to complete the network connection).

After connecting to Wi-Fi, you can download the app from Google play or browse YouTube, NETFLIX directly.

B. Portable Wi-Fi hot spot

Select [Convenient hot spot] and press OK on the remote (or click on the touch area of the projector) to access the hot spot interface.

Press > on your control remote or move the mouse to OFF/ON button on the projection screen to turn on the Easy Wi-Fi hot spot. On this interface, you can reset Network SSID, password, the way of security and AP band (you can select 2.4G or 5G signals, see the second screenshot below). Click "Save" to save the message.

Use smart phone to select this hot spot, and enter password to connect.
C. Ethernet
With Ethernet function, you can connect the network to your projector via RJ45 cable.

**Note:** There is no RJ45 cable socket on the projector, it needs an external USB to RJ45 Console cable (IC drive RTL8152 or LAN9500 only).

① Select [Ethernet] and press OK on the remote (or click on the touch area of the projector) to access the Ethernet setting interface.

② You will see the details about your network indicating the connection is successful.

D. Bluetooth
You can connect external Bluetooth headphones or speakers to AKASO projector while in Bluetooth mode.

① Select [Bluetooth] and press OK on the remote (or click on the touch area of the projector) to access the Bluetooth setting interface. Then press > on your remote control or move the mouse to OFF / ON button on the projection screen to turn on the Bluetooth.

② Click “AKASO” and press OK on the remote (or click on the touch area of the device) to rename the Bluetooth.

Select “Available equipment” and choose available device to connect.

**Note:** In Bluetooth mode, you can transfer files to AKASO from an android device, but not an apple device.
2. Projection related Settings
Select [Settings] and enter into Network settings page, select [Projection mode] / [Keystone correction] to adjust the projection screen.

**Keystone correction**

- **[Auto-rotate screen on]**: The device is in an upside down or gravity change status, the image will be automatically corrected.

- **[Auto Keystone on]**: The picture can be automatically corrected in the form of a vertical trapezoid.

- **[Initial angle correction]**: When you select an angle as a horizontal plane and place the device in this horizontal plane, the picture will be automatically corrected up and down.

- **[Up-Down Correction]**: The picture can be corrected up and down.

- **[Left-Right Correction]**: The picture can be corrected left and right.

**Projector mode**

- **[Front]**: The device is located in front of the projection surface.

- **[Rear]**: The device is located behind the projection surface.

- **[Front Ceiling]**: The device is hanging from the ceiling in an upside down position. The image is rotated by 180 degrees.

- **[Rear Ceiling]**: The device is hanging from the ceiling in an upside down position. The image is rotated by 180 degrees and horizontal mirrored.

3. Other Settings
Select [Settings] find more settings.

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<thead>
<tr>
<th>[General]</th>
<th></th>
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<td>Increase/reduce the sound.</td>
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<tr>
<td>Brightness</td>
<td>Adjust picture brightness.</td>
</tr>
<tr>
<td>Keyboard &amp; input methods</td>
<td>Android Keyboard/Google input method.</td>
</tr>
<tr>
<td>Language settings</td>
<td>Select an on-screen display language.</td>
</tr>
<tr>
<td>Date &amp; time settings</td>
<td>Manually set date and time.</td>
</tr>
</tbody>
</table>

**Develop Options**

- **[Upgrade]**
  - Local upgrade: If we have new software, you can copy it to the USB flash drive to upgrade.

**[Reset]**

- Factory data reset: Reset and delete all data

---

**ENJOY**
Several different connections, you can choose any one to enjoy.

1. Connect to HDMI Playback Devices
The projector with HDMI input function is mainly used to input information of other device into the projector. It supports connections with various HDMI playback devices such as TV stick, TV box, DVD player, set-top box(STB), game machine or other devices.

① Connect this device to an HDMI playback device with an HDMI cable (Provided).
2. Screen cast

Press  to access the home menu, select [HDMI] and press OK on the remote (or click on the touch area of the projector).

**Note:** It will automatically start the HDMI playback when connected to an HDMI playback device for the first time.

For iOS devices:

![AirPlay Server](image)

You can use airplay mirroring or stream music, photos and video wirelessly from iPhone (or iPad or iPod touch) to TV now.

For Android devices:

![WiFi DISPLAY](image)

② WifiDisplay

Download Miracast app on your Android device when first time use. In the same network (Android device and projector should be connected to the same network) or hot spot (provided by the projector) status, enable Miracast on your Android device and then click “Search” on the projection surface, it will search for your smart Android devices, then find your device and click “agree” in the pop-up to connect.

For Android devices:

- **Search** Connecting...
- **Setting**
- **Source devices**
- **Paired groups**

① Airplay

In the same network (iOS device and projector should be connected to the same network) or hot spot (provided by the projector) status, enable AirPlay on your iOS device to wirelessly cast the content of your smart device onto the projection surface.

② Airplay

In the same network (iOS device and projector should be connected to the same network) or hot spot (provided by the projector) status, enable Airplay on your iOS device to wirelessly cast the content of your smart device onto the projection surface.

② WifiDisplay

Download Miracast app on your Android device when first time use. In the same network (Android device and projector should be connected to the same network) or hot spot (provided by the projector) status, enable Miracast on your Android device and then click “Search” on the projection surface, it will search for your smart Android devices, then find your device and click “agree” in the pop-up to connect.

For Android devices:

- **Search** Connecting...
- **Setting**
- **Source devices**
- **Paired groups**

① Airplay

In the same network (iOS device and projector should be connected to the same network) or hot spot (provided by the projector) status, enable AirPlay on your iOS device to wirelessly cast the content of your smart device onto the projection surface.
Install EShare app on Android/iOS device

1. Please make sure that Android/iOS device and projector are connected to the same network.

2. Operate according to the tips on the screen. Scan QR code or visit download website with your smart device.

Note:
Do not download the latest EShare version on Google play if you use Android device—the latest version may not be compatible with AKASO. Please follow the screen prompts to install EShare.
Certain content may be unavailable to be cast due to copyright restrictions. In this case, you can stream those content via the same apps installed in your AKASO projector.

Connect EShare with AKASO

1. When EShare installation is finished, run "EShare" on Android/iOS device and it will search for the projector which shares the same network with it automatically.

2. Click [Device List] on the top to search again and check device. Click your device, the projector will connect with it automatically.

**EShare Instructions**

- **Local Files**
  - You can transfer selected local files including music, video, picture and other files.

- **Mirroring**
  - You can cast the screen of the smart device to the projection screen.

- **TV Mirror**
  - You can transmit pictures from projector to smart device in real-time.

- **Wireless Control**
  - Your smart phone can be used as the mouse, remote controller, keyboard or fly mouse of the projector.

### 3. Online services and install apps

Once connected to a network, you can access online services, browse the web and install apps. Apart from the apps installed, you can also install any other apps from Google play store.

1. Press to access the home menu.
2. Select [YouTube]/[NETFLIX]/[Google play] and enter into the corresponding interface.
4. USB and Micro SD card
With these ports, you can enjoy musics, videos, and pictures.
① Press to access the home menu.
② Select and click [APP] icon.
③ Then find and click [Gallery]/[MX Player Pro]/[Music] icon.

SPECIFICATIONS
Specifications and design are subject to change without notice.

Projection parameters:
Dimensions: (L*W*H)5.7*3.1*0.8 Inches
Weight: 0.64lb / 10.26oz / 291g
Projection Technology: DLP(0.3"DMD)
Projection Light: RGB LED OSRAM Q6
Light Life: Up to 30000 hours
Light Luminance: 50 ANSI lumens
Light Type: LED
Standard Resolution: WVGA 854*480
Projection Area: 30-120 inch
Contrast: 1000:1
Projection Ratio: 1.19:1
Distortion: <1.0%
Luminance Uniformity: >85%
Projection Distance: 1-5m (37.8inch@1m)
Aspect Ratio: 16:9
Focus mode: Manual focus
Keystone Correction: Automatic, Vertical: ±40degree
Projector Character: Interaction
Projection Mode: Front Projection
Offset function: NO
3D: NO

System Parameters
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<tr>
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<th>Airplay/WifiDisplay/Eshare</th>
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<tr>
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<td>Android 7.1.2</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>2.4G/5G Wi-Fi</td>
</tr>
<tr>
<td>Built-in Battery</td>
<td>5000mA</td>
</tr>
<tr>
<td>Usage time</td>
<td>Work for about 2 hours</td>
</tr>
<tr>
<td>Usage time</td>
<td>MPEG-1, MPEG-2, MPEG-4 real-time video decoder, H.263, H.264, H.265, VC-1, RV, VP6/ VP8, Sorenson Spark, MVC</td>
</tr>
<tr>
<td>Audio Support</td>
<td>MP3, WMA, MP2, OGG, AAC, M4A, MA4, FLAC, APE, 3GP, WAV</td>
</tr>
<tr>
<td>Image Support</td>
<td>Support browsing in multiple image formats(jpg, png, bmp etc.)</td>
</tr>
<tr>
<td>Extended Storage</td>
<td>Support Hard Disk and Micro SD card</td>
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<tr>
<td>Control method</td>
<td>Support (IR)Infrared and 2.4G wireless control, Touch button</td>
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<tr>
<td>Built-in speaker</td>
<td>One speaker with 1W</td>
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<tr>
<td>Light machine Consumption</td>
<td>3W</td>
</tr>
<tr>
<td>Whole Power Consumption</td>
<td>5W</td>
</tr>
<tr>
<td>Power Performance</td>
<td>AC100-240V, 50/60Hz DC 5V 3A</td>
</tr>
</tbody>
</table>

Interface
| 1 * Micro SD Card: Max 32G |
| 1 * HDMI: HDMI Input 1.4 |
| 2 * USB: USB 2.0 |
| 1 * Earphone: 3.5 mm Audio output |
| 1 * DC input: DC 5V 3A |

MP3, WMA, MP2, OGG, AAC, M4A, MA4, FLAC, APE, 3GP, WAV

Usage time
MPEG-1, MPEG-2, MPEG-4 real-time video decoder, H.263, H.264, H.265, VC-1, RV, VP6/ VP8, Sorenson Spark, MVC

Audio Support
MP3, WMA, MP2, OGG, AAC, M4A, MA4, FLAC, APE, 3GP, WAV

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Support Hard Disk and Micro SD card

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Support (IR)Infrared and 2.4G wireless control, Touch button

Built-in speaker
One speaker with 1W

Light machine Consumption
3W

Whole Power Consumption
5W

Power Performance
AC100-240V, 50/60Hz DC 5V 3A

Interface
1 * Micro SD Card: Max 32G
1 * HDMI: HDMI Input 1.4
2 * USB: USB 2.0
1 * Earphone: 3.5 mm Audio output
1 * DC input: DC 5V 3A
1. Fail to power on?
   Slide to the left, and then press on the projector to power on.

2. The remote control doesn’t work?
   Change new batteries and retry.

3. Blurred image?
   Switch the focus adjusting wheel to get the best focus.

4. Cannot connect to a Wi-Fi network?
   Refresh the list of available networks and retry.
   Reboot the wireless router or the projector and retry.

5. Reversed projection image?
   Press to access the home menu, select [Settings]>[Projector Mode] and switch to a correct state.

6. How do I update the firmware?
   When we have a new version, we will post the news to our listing and then you can contact us for the updated firmware.

**NOTICE**

This production is designed and manufactured with high quality materials and components, which can be recycled and reused.

This symbol means the product must not be discarded as household waste, and should be delivered to an appropriate collection facility for recycling. Follow local rules and never dispose of the product and rechargeable batteries helps prevent negative consequences for the environment and human health.

**CONTACT US**

For any inquiries, issue or comments concerning our products, please send E-mail to the address below, and we will respond as soon as possible.

Email: cs@akasotech.com