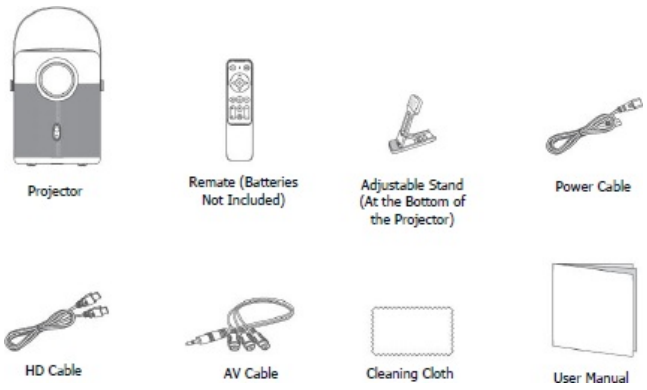

VANKYO Performance H300A Projector User Manual

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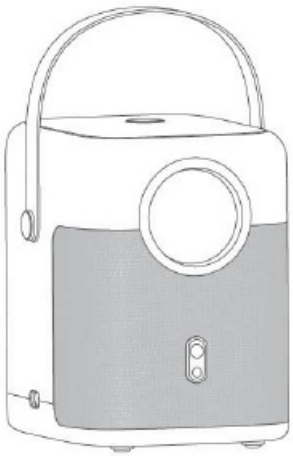
Performance H300A Projector

VANKYO



Performance H300A
User Manual

Dear customer,
Thank you for purchasing our product. Please read the following instructions carefully before first use and keep this user manual for future reference. Pay particular attention to the safety instructions. If you have any questions or comments about the device, please contact the customer line.
✉ www.alza.co.uk/kontakt
✆ +44 (0)203 514 4411
Importer Alza.cz a.s., Jankovcova 1522/53, Holešovice, 170 00 Praha 7, www.alza.cz

Troubleshooting Guide

How can I watch copyrighted content from services like Netflix, Hulu, Prime Video, etc.?

- Due to copyright restrictions from Hulu, Netflix, and similar services, the content MAY NOT be mirrored or cast. To play copyrighted content, please prepare a laptop, Fire TV Stick, Roku stick, or Chromecast™ and connect it to the projector.

Automatic Screen Fit

- Go to Homepage > SETTING > SETTINGS > Projection Settings > Automatic Screen Fit to adjust the projected image to match your screen.

Auto Focus and Auto Keystone Correction do not work properly

- Ensure the projector is not positioned at an angle of more than 25 degrees towards the screen/wall.
- Ensure the camera surface is clean and there are no obstructions in front of the camera that might hinder its view of the screen/wall.

Automatic Obstacle Avoidance

- Go to Homepage > SETTING > SETTINGS > Projection Settings > Automatic Obstacle Avoidance to detect and avoid obstacles in specific areas.

Reduce/enlarge the image size

- Go to Homepage > SETTING > SETTINGS > Projection Settings > Digital Zoom to enlarge or reduce the image size from 50% to 100%.
  Why can’t I hear any sound when playing videos from my Chromecast™, Roku, or

Fire TV stick on my projector?

- If you’re not hearing sound while playing videos from Netflix, Hulu, or similar apps, it may be due to copyright restrictions. To fix this, turn off Dolby or go to TV stick’s Sound Settings to select Auto Detect or PCM. This allows the projector to decode the audio, and you should hear sound.

Remote Unresponsive

- Remote batteries are not included. Please prepare and install them properly.
- Ensure the remote points at the IR receiver directly.
- Ensure the remote is within 8 meters of the projector.
- Do not cover the IR receiver.

Blurry Image

- Adjust the focus/keystone.
- The projector and screen/wall must be at an effective distance. The recommended distance is 2 meters.

Can I play a video with 4K resolution?

- Yes, but it will be decoded and displayed as 1080P resolution.

Upside Down Images

- Go to Homepage > SETTING > SETTINGS > Projection Settings > Projection Mode to flip the projection image.

Factory Reset

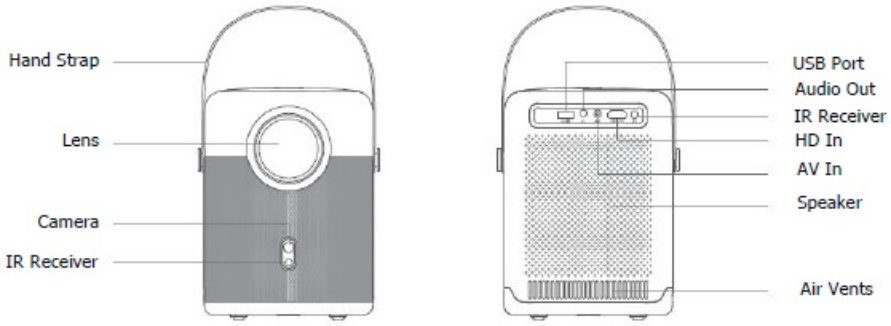
- Go to Homepage > SETTING > SETTINGS > System Update > Factory Reset

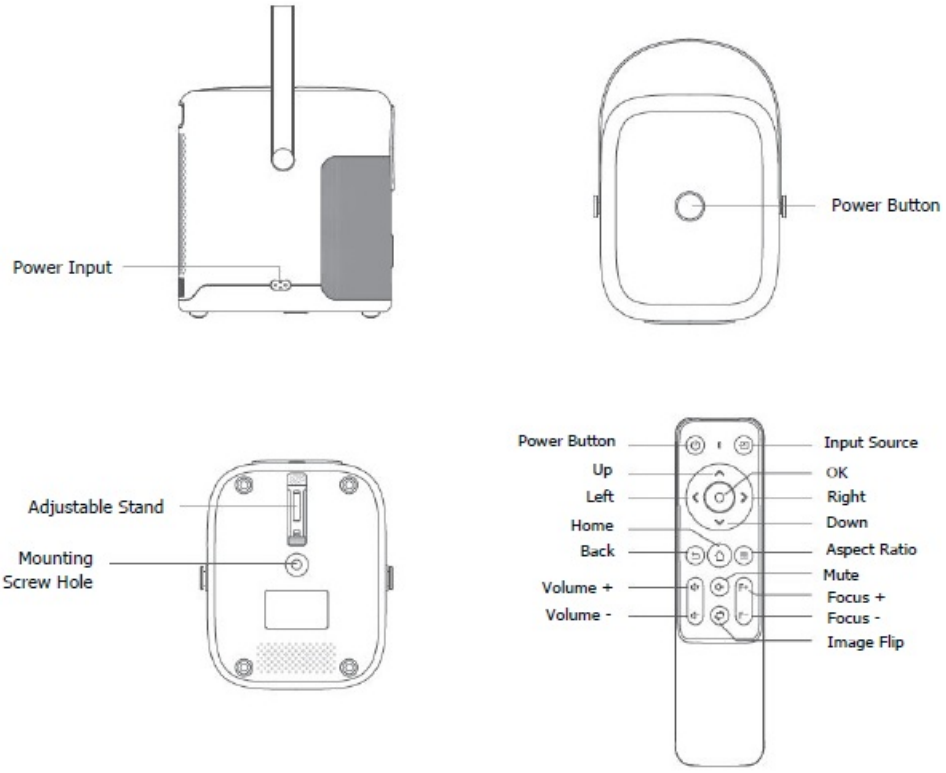
to restore the projector to default settings.

In the Box

Notice:

Device Overview





Quick Start
Projector Installation

Installation Options:

- Front Desktop
- Rear Desktop
- Front Ceiling
- Rear Ceiling

Note:

- Ensure that the projector is directly cantered in front of the wall/screen. For optimal projection performance, avoid placing it at an angle of more than 25 degrees towards the screen/wall.
- After installation, go to Homepage > SETTING > SETTINGS > Projection Settings > Projection Mode to select the appropriate projection mode to ensure the image is projected correctly.
- Mounting Screw: 1/4″ (not included)

Power On/Off

- Take off the protective film.
- Plug the power cord into an outlet.
- Press the Power Button once to turn on the projector.
- Press the Power Button twice quickly to turn off the projector.

Image Adjustment

Note: For optimal Auto Keystone Correction and Auto Focus performance, please ensure that the camera is clean and free from any obstructions that may obstruct its view of the screen/wall.

Keystone Correction

- Auto Keystone Correction: When the projector is powered on, it will automatically correct the keystone distortion.
- Manual Keystone Correction: Go to Homepage > SETTING > SETTINGS > Projection Settings > Manual Keystone Correction to manually correct the distortion.

Focus

- Auto Focus: When the projector is powered on, it will automatically adjust the image quality.
- Manual Focus: Go to Homepage > SETTING > SETTINGS > Projection Settings > Manual Focus or press the F+ and F- buttons on the remote to manually sharpen the image focus until the blurred image becomes clear.

Image Scaling

- Go to Homepage > SETTING > SETTINGS > Projection Settings > Digital Zoom, then press the up and down buttons on the remote to enlarge or reduce the image size (optional).

Automatic Obstacle Avoidance

This feature allows the projector to detect and avoid obstacles in specific areas.

Step 1: Go to Homepage > SETTING > SETTINGS > Projection Settings to turn on Automatic Obstacle Avoidance.
Tip: Before activating this feature, make sure Auto Keystone Correction is enabled.

Step 2: Move the projector to project the image on the screen/wall. The following view will appear. The areas outlined in red indicate regions where obstacles can be avoided. Ensure that there are no obstacles within the areas outlined in green to prevent trapezoidal distortion.

Step 3: Observe the projected image and see if it meets your requirements. If not, make adjustments until you achieve the desired display.

Notes:

- It is recommended not to use an ambient light rejection screen for this feature.
- It is recommended to use this feature in a dark environment for optimal

performance.

- The recommended distance between the projector and the screen/wall is 2 meters.

Automatic Screen Fit

You can use this feature to automatically adjust the projected image to match your screen.
Step 1: Go to Homepage > SETTING > SETTINGS > Projection Settings to turn on Automatic Screen Fit.
Tip: Before activating this feature, make sure Auto Keystone Correction is enabled.
Step 2: Move the projector to project the image on the screen. The following view will appear. Make sure the four white squares are within the screen and the height of the projected image on both sides is greater than the height of the screen.
Step 3: Observe the projected image and see if it meets your requirements. If not, make adjustments until you achieve the desired display.

Notes:

- Please use a black-bordered screen with an aspect ratio of approximately 16:9 and ensure that the screen is clean. It is recommended not to use an ambient light rejection screen for this feature.
- It is recommended to use this feature in a dark environment for optimal performance.
- The recommended distance between the projector and the screen is 2 meters.
- The Automatic Screen Fit feature takes precedence over Automatic Obstacle Avoidance when both are enabled.

Projector Connection & Input Source

Connect your device to the projector correctly, then select the right input source.

USB Connection

To play files stored on a USB disk, insert the disk into the projector first.
Option 1: Press the Input Source Button on the remote, then select USB as the input interface to play the desired file.
Option 2: Go to Homepage > Setting > USB to play the desired file.
Option 3: Go to Homepage > Apps > My apps > FileManager to play the desired file.

HD Connection

- Turn on the projector, then connect the projector to your device with the provided HD cable.
- Press the Input Source Button on the remote, then select HDMI as the input interface. The content of your device will be displayed on the screen/wall.

AV Connection

- Turn on the projector and connect your device to the AV Port of the projector with

the AV cable.

- Press the Input Source Button on the remote, then select AV as the input interface.
  The content of your device will be displayed on the screen/wall.

Homepage

Go to the Homepage and select your preferred platform, then log into your account to play the corresponding content.

Wi-Fi Connection

Go to Homepage > Setting > Setting > Network Settings to connect the projector to your router's Wi-Fi.

Screen Mirroring

For iOS System
Step 1: Connect the projector and your mobile device to the same router's Wi-Fi.
Step 2: Go to Homepage > Apps and select iOSCast under My apps to display the following interface.
Step 3: Activate Screen Mirroring/AirPlay Mirroring on your iOS device and search for the projector.
Step 4: Select Vankyo-XXXX from the searching list to connect.
Step 5: The content on your iOS device will be mirrored to the wall/screen.

For Android System

To activate this function, please make sure your Android device supports Multiscreen/ Wireless display/SmartView. Names may differ from one Android device to another.

Step 1: Turn on the Wi-Fi switch on your Android device.
Note: A successful Wi-Fi connection is not a must, but please make sure the Wi-Fi switch in your Android device is on.
Step 2: Go to Homepage > Apps and select Miracast under My apps to enter the following interface.
Step 3: Activate Multi-screen/Wireless display/Smart View function on your Android device and search for the projector.
Step 4: Select Vankyo-XXXX from the searching list to connect.
Step 5: The content on your Android device will be mirrored to the wall/screen.

Bluetooth Connection

Use as a Bluetooth Speaker
You can connect your mobile device to this projector via a Bluetooth connection and use it as a Bluetooth speaker.
Step 1: Press the Power Button once and select Speaker Mode.
Step 2: Go to the Bluetooth setting of your mobile device to turn on Bluetooth, then search for Vankyo from the search list and pair the mobile device with the projector.

Connect to an External Bluetooth Speaker

In addition to the wired 3.5mm audio output port connection, you can also connect a

Bluetooth speaker or Bluetooth headphones to this projector via the Bluetooth connection.
Step 1: Turn on your Bluetooth device and make it ready for a Bluetooth connection.
Step 2: Go to Homepage > Setting > Setting > Bluetooth Setting to turn on the Bluetooth and search for available Bluetooth devices. Afterward, select your Bluetooth device and pair it with the projector.

Important:

- Compared with the wired connection to a speaker, Bluetooth wireless connection spends more time processing digital audio data, converting said data to an audio signal, and streaming the signal. There may be a delay or slight lag on audio due to signal interference.
- As a result, the sound on the speaker may not be in sync with the image on the projector, especially when you are using wireless screen mirroring with Wi-Fi and Bluetooth wireless connection at the same time.
  If you are experiencing this situation, please check the following options to improve audio quality:
- Instead of using wireless screen mirroring with Wi-Fi and Bluetooth wireless connection at the same time, we recommend using wired screen mirroring and Bluetooth connection or using HD connection via the provided HD cable and Bluetooth connection simultaneously. If you still want to use wireless screen mirroring, it is recommended to output the audio via a wired speaker.
- Move your Bluetooth device closer to the projector.
- Keep the projector and your Bluetooth device away from other Bluetooth devices to avoid interference.
- You may be able to adjust the latency (Lip Sync) on your device which is playing the video. The way to adjust the latency varies with different devices; please consult it from the device manufacturer.
- Due to compatibility issues between Bluetooth speakers/headphones and the projector, a few Bluetooth devices may not be paired with the projector via Bluetooth wireless connection. Please contact us at support@ivankyo.com for further assistance.

Settings

Network Setting

- Connect the projector to a working Wi-Fi network.

Bluetooth Setting

- Connect the projector to an external Bluetooth speaker or Bluetooth headphones.

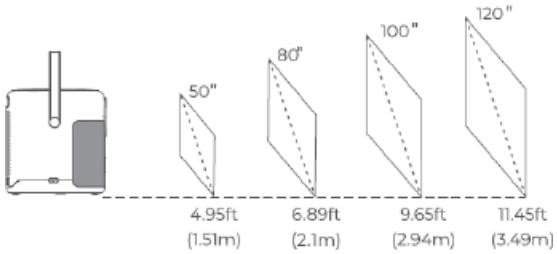
Projection Settings

- Change Projection Mode among Front-Desktop, Rear-Desktop, Front-Ceiling, and Rear-Ceiling.
- Correct the Keystone and adjust the focus manually or automatically.
- Digital Zoom: change the image size from 50% to 100%.
- Correction Settings:
  o Select Trapezoidal Correction Reset to restore the projected image to its original state.
  o Enable/disable Auto Keystone Correction at Power on and Power on Auto Focus.
- Turn on Automatic Obstacle Avoidance to enable the projector to avoid obstacles.
- Turn on Automatic Screen Fit to enable the projected image to automatically match the screen.
- Factory Reset: Restore the projector to the factory settings.

Other Settings

- Input Source Options: Choose HDMI, AV, or Off as the initial input source for your projector’s startup.
- Power On Option
- Direct: The projector will power on directly when you plug its power cord into an electrical outlet.
- Standby: You need to press the Power button to turn the projector on when you plug its power cord into an electrical outlet.
- Language Setting: Select a language for the projector.
- Scheduled Shutdown: Set the time duration for the projector to shut down automatically. Options include Off, 10 min, 20 min, 30 min, 60 min, 90 min, 120 min, 180 min, and 240 min.
- About: Check the System Version, Memory, ROM, MAC Address, and System Temperature of the projector.

Projection Distance & Size



The recommended projection distance varies with different projection contents. Please adjust the distance between the wall/screen and the projector properly as needed.
Ambient darkness will improve the clarity of the projected images.

Specification

Display Technology LCD

Resolution Native 1920 × 1080P
Light Source LCD
Input Signal 576i/576p/720i/720p/1080i/1080p/4K
Installation Type Front/Rear/Ceiling
Aspect Ratio 16:9 / 4:3
Focus Auto/Manual
Keystone ±25°
Speaker 5W/4Ω
Power Supply AC 100-240V 50/60Hz 60W
Unit Dimension 5.65 × 7.23 × 7.71 inches (143.5 × 183.6 ×195.8 mm)
Unit Net Weight 3.97lb (1.8kg)
Photo Format Supported BMP/PNG/JPEG/JPG
Audio Format Supported FLAC/M4A/MP3/WAV
Video Format Supported 3GP/FLV/MKV/MP4/MPC/TS/VOB
Ports HD In × 1 / USB × 1 / Audio Out × 1 / AV In × 1
Mounting Screws 1/4″
Screw Number 1 (not included)

Warranty Conditions

A new product purchased in the Alza.cz sales network is guaranteed for 2 years. If you need repair or other services during the warranty period, contact the product seller directly, you must provide the original proof of purchase with the date of purchase.
The following are considered to be a conflict with the warranty conditions, for which the claimed claim may not be recognized:

- Using the product for any purpose other than that for which the product is intended or failing to follow the instructions for maintenance, operation, and service of the product.
- Damage to the product by a natural disaster, the intervention of an unauthorized person or mechanically through the fault of the buyer (e.g., during transport, cleaning by inappropriate means, etc.).
- Natural wear and aging of consumables or components during use (such as batteries, etc.).
- Exposure to adverse external influences, such as sunlight and other radiation or electromagnetic fields, fluid intrusion, object intrusion, mains overvoltage, electrostatic discharge voltage (including lightning), faulty supply or input voltage and inappropriate polarity of this voltage, chemical processes such as used power supplies, etc.
- If anyone has made modifications, modifications, alterations to the design or adaptation to change or extend the functions of the product compared to the purchased design or use of non-original components.

EU Declaration of Conformity

This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and Directive 2011/65/EU amended (EU) 2015/863.

C E

WEEE

This product must not be disposed of as normal household waste in accordance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE – 2012/19 / EU). Instead, it

shall be returned to the place of purchase or handed over to a public collection point for the recyclable waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. Contact your local authority or the nearest collection point for further details. Improper disposal of this type of waste may result in fines in accordance with national regulations.

Documents / Resources

	VANKYO Performance H300A Projector [pdf] User Manual H300A, Performance H300A Projector, Performance H300A, Performance, H300A Projector, Performance Projector, Projector

References

- Alza | Alza.co.uk
- Alza.cz – rychlý a pohodlný nákup odkudkoliv | Alza.cz
- alza.de
- alza.hu
- alza.sk
- User Manual

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