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1. TROUBLESHOOTING GUIDE

- Copyrighted contents from Hulu, Netflix, and similar services can not be mirrored or cast.**
 - Due to the copyright restriction from Hulu, Netflix, and similar services, the contents 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.
- Blurry image**
 - Adjust the focus keystone.
 - The projector and screen/wall must be in the effective distance.
- Why doesn't the remote control work?**
 - Make sure the remote points at the IR receiver directly.
 - Please make sure you have installed two AAA batteries in the remote control.
 - Avoid mixing new batteries with old ones in the remote control as this can result in insufficient power supply and operational issues.
- Upside down images**
 - Go to **Homepage > Settings > Projector Setting > Flip mode** to flip the projection image.
- Factory reset**
 - Go to **Homepage > Settings > System Setting > Restore factory default** to restore the projector to default settings.

2. IN THE BOX

3. NOTICE

Recommended: Video, Movie, Up, Down, Homepage, Volume+, Menu.

NOT Recommended: PowerPoint, Excel, Word.

4. PRODUCT OVERVIEW

5. QUICK START

1. Projector Installation

Note: Whichever installation option you select, please make sure:

- To go to **Homepage > Settings > Projector Setting > Flip mode** to select the corresponding projection mode, so the images can be projected correctly.
- Mounting Screw 1/4" (not included)

2. Power On/Off

6. 3. Image Adjustment

Press the focus buttons on the remote to sharpen the image focus until the blurry image becomes clear.

Go to **Homepage > Settings > Projector Setting > Manual trapezoid** to manually correct the distortion.

7. PROJECTOR CONNECTION AND INPUT SOURCE

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

1. USB Connection

8. 2. HD Connection

9. 3. AV Connection

10. 4. Wired Speaker and Headphones Connection

11. WIFI CONNECTION

You can connect your projector to your router's WiFi by going to **Homepage > Settings > Network Setting**.

12. SCREEN MIRRORING For iOS System

Screen Mirroring Wirelessly

Step 1: Connect the projector and your mobile device to the same router's WiFi or directly connect your mobile device to the projector's AP hotspot.

Tip: When you are using the projector's AP hotspot, the contents will be mirrored via the cellular data.

Step 2: Go to **Homepage > Airplay** to enter the interface below.

Step 3: Go to the Control Center of your iOS device, then tap **Screen Mirroring/Air Playing** to search for the projector.

Step 4: Choose Vankyo-XXXX from the list, and once the connection is successful, the contents on your iOS device will be mirrored onto the projection screen or wall.

Screen Mirroring via a Lightning Cable

Step 1: Go to **Homepage > Apple Wired** to enter the interface below.

13. For Android System

To activate this function, please make sure your Android device supports Multi-screen/Smart View/ Wireless Display. Names vary on different Android devices.

Step 1: Go to the WiFi setting of your Android device to switch on the option of WiFi.

Note: It is not necessary to have a successful WiFi connection, but it is important to ensure that the WiFi is turned on your Android device.

Step 2: Connect your mobile device to the USB Port on the projector using the ORIGINAL lightning cable.

Step 3: Select Trust in the pop-up window of Trust This Computer?

Step 4: The contents on your iOS device will be mirrored on the projection screen/wall after a successful connection.

Step 2: Go to **Homepage > Miracast** to enter the interface below.

Step 3: Activate the Multi-screen/Smart View/Wireless Display function on your Android device and search for the projector.

Step 4: Choose Vankyo-XXXX from the list, and once the connection is successful, the contents on your Android device will be mirrored onto the projection screen or wall.

14. DLNA

Step 1: Connect your mobile device and the projector to the same router's WiFi.

Step 2: Go to **Homepage > DLNA** to enter the following page.

15. BLUETOOTH CONNECTION

1. Use as A Bluetooth Speaker

It is possible to use this projector as a Bluetooth speaker by connecting your mobile device to it through a Bluetooth connection.

Step 1: Go to **Homepage > Settings > BT Setting** and select BT reception mode.

Step 2: Access your mobile device's Bluetooth settings and activate Bluetooth. Search for Vankyo in the available devices list to pair your mobile device with the projector.

Step 3: Launch a video player App on your mobile device and select a video to play.

Step 4: Tap **Cast** to search for the projector and select Vankyo-XXXX to connect. The content on your device will be cast to the wall/screen.

Tip: When you cast a video from your mobile device, the video will only be displayed on the projected screen and you can still use your mobile device without interrupting the video or showing any of your other content.

Step 1: Turn on your Bluetooth device and make it ready for a Bluetooth connection.

Step 2: Go to **Homepage > Settings > BT Setting** and select BT transmission mode. Press OK to enable the Bluetooth function. Scan available Bluetooth devices, then select your Bluetooth device and pair it with the projector.

IMPORTANT: Compared with the wired connection to a speaker, BT 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 WiFi and BT 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 WiFi and BT wireless connection at the same time, we recommend using wired screen mirroring and BT connection or using HD connection via the provided HD cable and BT connection simultaneously. If you still want to use wireless screen mirroring, it is recommended to output the audio via a wired speaker.
- Adjust or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

 This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

* Move your BT device closer to the projector.
* Keep the projector and your BT device away from other BT devices to avoid interference.
* You may be able to adjust the latency by using the latency control 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 the compatibility issue between BT speaker/headphones and the projector, few BT devices may not be paired with the projector via BT wireless connection. Please contact us at support@vankyo.com for further assistance.

16. SETTINGS

Network Setting

Connect the projector to a working WiFi network.

BT Setting

- Connect the projector to external Bluetooth speakers/headphones.
- Connect the mobile device to the projector to use the projector as a Bluetooth speaker.

17. SYSTEM SETTING

- Set the projector's language.
- Update the software as needed.
- Check software version info.
- Restore the projector to the factory settings.

18. PROJECTOR SETTING

- Select the appropriate projection mode to ensure accurate image projection.
- Correct the keystone manually.
- Select your preferred image mode and adjust the hue and color temperature settings. When selecting User as the image mode, you can tweak brightness, contrast, saturation, and sharpness settings to optimize the image quality.
- Modify the image size between 50% and 100%.

19. PROJECTION DISTANCE AND SIZE

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

20. SPECIFICATIONS

Display Technology	LCD	Light Source	LED
Resolution	Native 1280 x 720P	Input Signal	576i/576P/720i/720P/1080i/1080P
Installation Type	Front/Rear/Ceiling	Aspect Ratio	16:9/4:3
Focus	Electric/Manual	Keystone	Electric/Manual
Speaker	SW/4Ω	Power Supply	DC 21V ≈ 2.85A
Unit Dimension	7.7 x 5.8 x 3.03 inches (195 x 146 x 77 mm)	Unit Net Weight	0.9kg/1.984lbs
Photo Format Supported	BMP/JPG/PNG/JPEG	Audio Format Supported	AAC/MP2/MP3/PCM/FLAC/WMA
Video Format Supported	AVI/MP4/MKV/FLV/MOV/RMVB/3GP/MPEG/MPEG2/XVD	Ports	HD in x 1/USB x 1/Audio Out x 1/AV in x 1/Power in x 1
Mounting Screws	1/4"	Screw Number	1 (not included)

21. FCC Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

 This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

22. ISED/C Warning:

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. The device is compliance with RF exposure guidelines, users can obtain Canadian information on RF exposure and compliance the minimum distance from body to use the device is 20cm. L'appareil est conforme aux directives d'exposition aux RF, les utilisateurs peuvent obtenir des informations canadiennes sur l'exposition aux RF et la conformité. La distance minimale du corps pour utiliser l'appareil est de 20cm. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Cet émetteur ne doit pas être colocalisé ou fonctionner en conjonction avec une autre antenne ou un autre émetteur. Operation of 5150-5250 MHz is restricted to indoor use only. Le fonctionnement de 5150-5250 MHz est limité à une utilisation en intérieur uniquement.

23. CAUTION

To avoid replacement of a battery with an incorrect type. Don't dispose of a battery into fire or a hot oven, or mechanically crush or cut a battery. Don't leave a battery in an extremely high temperature surrounding environment. To avoid battery subjected to extremely low air pressure. The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.