Welcome

Thank you very much for purchasing this product. Before you start, you are recommended to read this manual step by step to obtain the best results with your new Pico projector. We wish you enjoy it.

EN

About the product

This is the latest generation of Pico projector with DLP technology inside. Known for great cinema projectors, the DLP technology provides rich colors and enhances the contrast of the image. Integrated with WLAN, the Pico projector provides cable-free connection from your notebook, tablet, or smartphone to the Pico projector by streaming pictures, videos, websites, and documents wirelessly and projecting the images up to 120'' (300 cm) in size. With its support to multiple media files, Office and PDF documents, and versatile connection options including HDMI, MHL, AV-in, VGA, USB and SD card slot, this Pico projector is the best solution for mobile use in business and entertainment.

Safety Notice

1. Keep the device and packaging materials out of the reach of infants and children.
2. Avoid subjecting the power adapter and other contacts to dripping or splashing water and dry your hands before you use it. Do not place objects filled with liquids such as vases, etc. on or near the device.
3. Make sure that the used power outlet is always readily available and never hidden. In case of emergency, use the power adapter to separate the device from the power network.
4. Keep your device away from all flames such as candles and do not set them up in the vicinity of the device.
5. Keep the unit at least 10 cm away from other objects. Make sure the ventilation is not covered by newspapers, tablecloths, curtains, etc.
6. For your own safety, do not use the projector during thunderstorms or lightning.
7. Relative Humidity is 20% ~ 80%, non-condensing.
8. The battery is integrated with the device. Do not dissemble and modify. The battery should be replaced by an authorized service center only.
9. Ensure that the ambient room temperature is within 5 ~ 35°C.
10. Wait before using if the device has been moved from a cold location into a warm one. Any condensation that has formed may in certain circumstances destroy the device. As soon as the device has reached room temperature it can be used without risk.
11. Handle the product with care. Avoid contact with sharp objects. Keep device away from metallic objects.
12. Place the projector on a flat surface. Any collision or falling to the ground is likely to damage the product.

13. Do not drop or disassemble the product otherwise the warranty voids. Opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to an authorized service center.

14. Use only the accessories supplied by the manufacturer.

15. Both product and user's manual are subject to further improvement or supplement without further notice.

Care and Safety Information for Pico Projectors

1. Avoid facing directly into the projector's lens.

2. During the operation, this product may heat lightly, which is normal.

3. The device should not be used in a very dusty environment. Dust particles and other foreign objects may damage the unit.

4. Do not expose the device to extreme vibrations. It may damage the internal components.

5. Use the enclosed power adapter (see technical data):
Check whether the mains voltage of the power supply matches the mains voltage available at the setup location. This equipment complies with the voltage type specified on the unit.

Avoid Hearing Damage:
Listening at high volume for a long period of time could cause damage to your ears.

Notice for Long-time Projection

The built-in battery supports approximately 120 mins of projection. For long time projection, you are recommended to use AC adapter.

When the battery is too weak to stay in operation, the low battery capacity icon (▭!) will flash. You need to charge the product while the icon showed.

It's normal that the projector will feel warm with continuous use due to its high performance. If the projector runs for a long time and over-heated, the High-Temperature icon (⚠) will appear on the screen. The system will automatically enter the standby mode.

FCC Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subjected 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.

This equipment has been tested and found to comply with 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 residential installations. 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 interference to radio or television equipment 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.
- Move the equipment away from the receiver.
- Plug the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for additional suggestions.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.
This device and it's antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

FCC Radiation Exposure Statement:
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 & your body.

All cables used to connect peripherals must be shielded and grounded. Operation with cables connected to peripherals that are not shielded and grounded may result in interference to radio and television reception.

You are cautioned that any change or modifications to the equipment not expressly approved by the party responsible for compliance could void your authority to operate such equipment.

If the time arises to throw away your product, please recycle all the components possible. Batteries and rechargeable batteries are not to be disposed in your domestic waste! Please recycle them at your local recycling point.

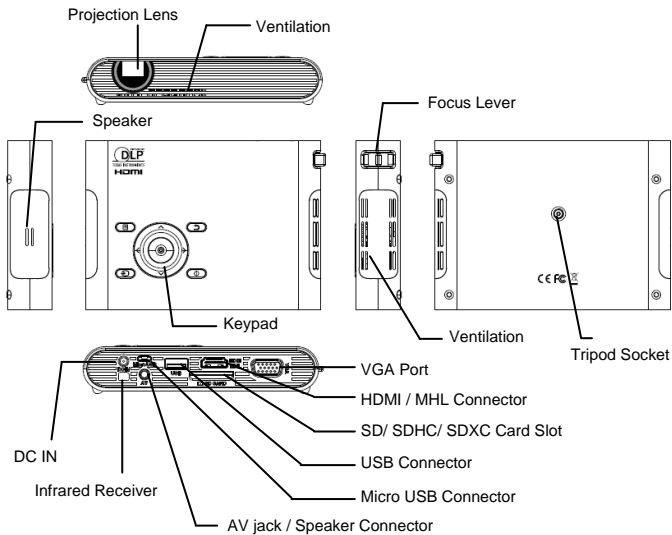Together we can help to protect the environment.

Table of Content

Package Content

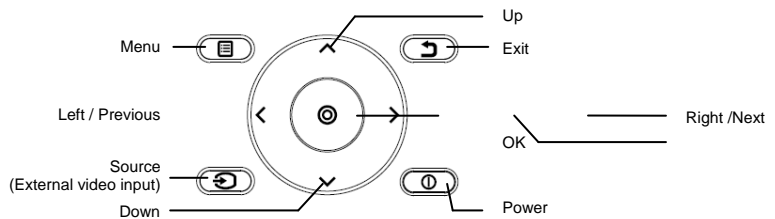Please check if the following items are located in your packaging:

- Pico Projector
- Power Adapter
- Exchangeable Power Plug
- Remote Control
- HDMI Cable (A to A type)
- MHL Cable (HDMI A to USB D type)
- AV Cable
- Micro USB Cable
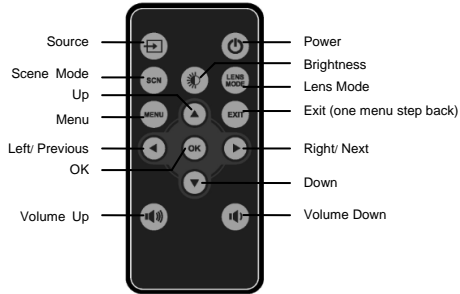- Carry Bag
- User's Manual

Knowing your Device

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Projector

Projection Lens — Ventilation

Focus Lever

Speaker

Keypad

Ventilation

Tripod Socket

DC IN

Infrared Receiver

AV jack / Speaker Connector

VGA Port

HDMI / MHL Connector

SD/ SDHC/ SDXC Card Slot

USB Connector

Micro USB Connector

Control Panel

Menu

Left / Previous

Source
(External video input)

Down

Up

Exit

OK

Right /Next

Power

Remote Control

Source — Power
Scene Mode — Brightness
Up — Lens Mode
Menu — Exit (one menu step back)
Left/ Previous — Right/ Next
OK — Down
Volume Up — Volume Down

Installing the Remote Control Battery

1. Remove the battery holder by holding down the side release firmly and pulling out the battery holder.

2. Insert a CR2025 coin cell battery and align the polarity correctly according to the marking in the battery holder.

   Note: When you use the remote control for the first time, there is a plastic sheet between the battery and its contact. Remove the sheet before use.

3. Insert the battery holder.
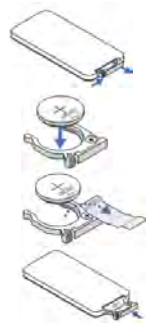
Warning:

Improper use of the battery may cause overheating, explosion or ignition, which can result in an injury or a fire. Battery leakage may damage the remote controller.
Do not expose the remote controller unit to direct sunlight.
Do not expose the battery to fire or water.
Immediately replace the exhausted battery.
Take out battery when the remote is not in use for a long time.

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Operating Range with Remote Control

± 20°

7m / 22.97 feet
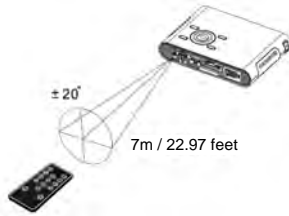
Note: Actual operating range may slightly differ from the diagram. Additionally, a weak battery reduces or eliminates the operating range of the remote control.

Getting Started

Charging the product

The projector is built in a Li-Polymer battery for mobile use. Please charge the projector for 8 hours prior to its first use. Repeat charging will take around 4 hours.

The battery will be charged only when the projector is not in use (Power off). Connect one end of the supplied AC adapter to DC IN jack and the other end to a power outlet to start charging.

Exchange the plug (EU, US and etc.) of AC adapter that accommodates the type of power outlet in your country if it's different.

Charging LED Indicator

During charging, the LED on Power button turns Orange. It turns to Green when the battery is fully charged.

Turn On / Off the Projector

Push the Power button for 2 seconds to turn on the projector.

To turn off the projector, push the Power button downward for 2 seconds.

Standby mode: Push the Power button for 1 second to turn on/ off the projector lamp for a short break to save the battery and system reboot time. (The LED on buttons are still on when the projector is in standby mode.)

Adjusting the Focus according to distance

Place the projector on a flat surface and toward a wall or a projection screen. The projectional distance and projectional size are:

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Distance: 50 cm ~ 425 cm (20 " ~ 167 ")
Image size: 36 cm ~ 305 cm (14 " ~ 120 ")

Adjust the focus by turning the Focus Lever upward or downward to get a sharp and clear picture.

Note: Use a tripod (not included) to increase the height of the projectional image when necessary. The tripod socket is located under the projector.

Select the Language

Use the navigation keys < > ∧ ∨ to select 'Setting' and press ◎ (OK) to enter the submenu. Select 'Language' and press ◎ (OK) to enter the language list. Select your preferred language and confirm with ◎ (OK). Press ↰ (Exit) to return to Main Menu.

Projecting from External Video Input Source

The projector has built-in multiple interface on the rear side. You can connect your external video Input source to the projector by using the appropriate cable and press the Source key on the control panel of the projector to select the input source.

EN
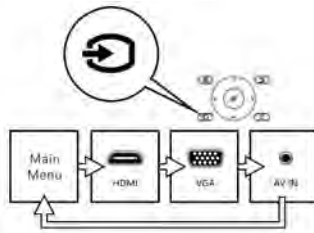
HDMI

Use the HDMI cable to connect the HDMI port on the rear panel of the projector to the external HDMI signal source. After connected, the screen switches to HDMI source automatically.

VGA

Use a VGA cable to connect the VGA port on the rear panel of the projector to the external VGA signal source. After connected, press the Source button on the remote control or control panel to select VGA source.

Note: VGA cable is not included in standard package.

AV IN

Follow the figure below to connect the external AV output device to the AV jack. Connection is color-coded. After connection, press the Source button on the remote control or control panel to select the AV-IN source.
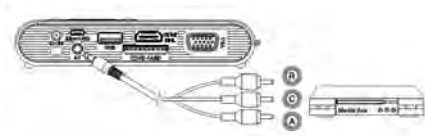
Changing Playback Setting for External Video Source

Press ▤/Menu on control panel or remote control to enter the playback setting.

1. Aspect ratio
   When the video file is in 4:3 aspect ratio, this function allows you to adjust how the image should appear on the 16: 9 screen.

   Press ◎/OK to display the options.

   1) Pan & Scan: the image is scaled up to fit to 16:9 screen.
   2) Letterbox: the image is displayed by original aspect ratio.

Illustration for the Aspect ratio setting:		
Source Screen	4:3 Aspect Ratio	
Projection Screen	Pan & Scan (16:9)	Letterbox (16:9)

2. Brightness
   It allows you to change the brightness according to the environment and the power consumption.
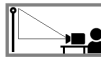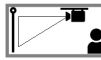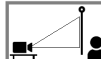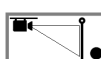
   1) Enhanced: Select this mode when external power supply is available to maximize the performance.
   2) Normal: The default mode for optimizing the projection performance and battery capacity.

3) Eco: This mode is recommended when the projector is operated under battery mode to save power.

Note: The projector is automatically switched to Enhanced mode when It's powered by the power adapter.

3. Projection (Lens) mode
It allows you to select the projection mode, depending upon how the projector is mounted.

Front: This is the most common way to position the projector for quick setup and portability.

Front Ceiling: The projector turns the image upside down for ceiling-mounted projection.

Rear: The projector reverses the image so that it can project from behind a translucent screen.

Rear Ceiling: The projector reverses and turns the image upside down. It can project from behind a translucent screen in the ceiling-mounted position.

4. Scene selection
It allows you to select the ideal mode for watching movie, photo slideshow, or reading the text with balanced brightness, color, and contrast.

Cinema: ideal for watching movie
Normal: ideal for photo slideshow
Text: ideal for image with text

5. Information
Shows firmware version: Txxxx / Axxxx

Projecting from Smartphones or Tablets

1. Connect smartphones supported **MHL (Mobile High-Definition Link)** for projection.
   Connect **Samsung Galaxy S2, Note; new HTC one, one X+, one X, one S; or Sony Xperia Z** with the projector via MHL (A to USB D type HDMI) cable.

   Connect **Samsung Galaxy S4, Note II** with the projector via MHL (A to USB D type HDMI) cable and Samsung 5 to 11 pin MHL converter (as illustration shows) for projection.

   Note: It's normal that the projector is automatically charging the smartphones or tablets when connected with the MHL cable for projection.

2. Connect **iPhone 5** for Mirror projection (with Lightning connector)

   Connect iPhone 5, iPad 4th, iPad mini and iPod touch 5th with the projector via Apple Lightning Digital AV adapter and A-to-A type HDMI cable.

   iPhone 4S, 4, New iPad, iPad 2, and iPod touch (4th) can connect with projector with Apple 30-pin digital AV adapter and A-to-A type HDMI cable

Charging the External Mobile Device

The internal battery of the projector cannot only be used for projection, but also charge your mobile device.

1. Connect your mobile device to the projector via the USB cable with the end of Type A connector plugged into the USB port on the rear side of projector.
2. When the projector is powered on, the device will be charged automatically.
3. When the projector is powered off, please press the Source button (⊕) to start or stop charging.

Note: The projector provides 5V/500mA output power for charging the mobile devices.

Projecting from Memory

Projecting from Internal Memory

The projector has 2 GB internal memory and 1.2 GB is free for file storage. Please download media files from your PC or Notebook to the internal memory for projection:

1. Turn on the PC and the projector.
2. Connect the micro-USB port of the projector to the PC or Notebook via USB cable. Once the connection is established, the screen and ventilation fan will automatically turns off to save the power. Now the projector is in mass storage mode.
3. You can copy the pictures, videos, music, Windows Office (PowerPoint, Word, and Excel), and PDF files from your PC to the internal memory or delete the files on the internal memory.

Note: 1. The remote controller is not applicable when the projector is connected to PC or notebook.

2. Please refer the supported file format in 'Functions and Operations' (P.15)

Projecting from External Memory

1. **External SD/SDHC/SDXC card slot**
   The memory card slot is built in to reading SD, SDHC, and SDXC card up to 128 GB. Gently insert the card by following the direction shown below until it reaches the bottom of the slot. To remove the memory card, gently push the top edge of the card and pull it out.

2. **USB Device**
   The projector can project the content from USB device such as USB memory stick or Hard Disk Drive (with its own power supply).

Note: External memory source will be the default memory displayed on the playlist. When both SD/SDHC card and USB memory stick are in use, USB memory stick will be the default memory displayed on the playlist.

Selecting the memory source

Use the navigation keys ⟨ ⟩ ∧ ∨ to select **'Setting'** and press ◎ (OK) to enter the submenu. Select 'Memory' and press ◎ (OK) to enter the memory options. Select your preferred memory source and confirm with ◎ (OK). Press ↰ (Exit) to return to Main Menu.

Main Menu

EN
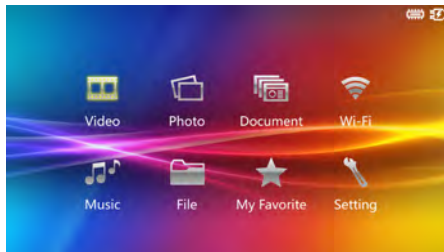
Press the navigation key **< > ∧ ∨** to highlight the desired item and press
◎**/OK** to enter the submenu; press ⮌ /Exit to return to Main Menu.

| Icon	Function	Description
	Video	This function allows users to select video file for projection.
	Photo	This function allows users to select JPEG, JPG or BMP image file for projection.
	Document	This function allows users to select Office PowerPoint, Word, Excel, and PDF files for projection
	Wi-Fi	Enable wireless function for the projector
	Music	This function allows users to select MP3, WAV, and OGG files to playback on the projector.
	File	This function allows users to navigate all folders and files regardless their file format in the selected memory source. Photo and Video can be previewed while navigating the list. You can copy selected file to another memory source or delete it.
	My Favorite	View all files that are marked as favorites.
	Setting	This function allows users to setup preference settings including Brightness, Scene selection, Language, and Memory.

Projecting Videos

Select and project video files.
1. Select and press OK to enter '**Video**' on the main menu.
2. In the file list, use ▲▼ to select the folder and press ◎/OK to open the selected folder. Use ▲▼ to navigate the playlist. Press ◎/OK to start playing and projecting the selected video.
3. During playback, press ◀ ▶ to play the previous / next video.
4. Press ◀ ▶ longer to fast rewind /fast forward.
5. Press ◎/OK to pause and press it again to resume.
6. To adjust the video volume, press ▲▼ to adjust the value.

Changing Video Playback Setting:

Under the file list, press ▤/Menu to enter the video setting.
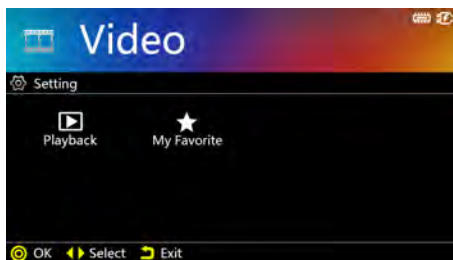
1) Playback: Select the playback mode (as Table A) for video clips.

<Table A>

	Repeat Off	Play current video or track once
⇉	Normal	Play current folder
	Repeat One	Play current video or track repeatedly
⇄	Repeat All	Play current folder repeatedly
⤫	Random	Play current folder repeatedly in random order

2) My Favorite: The file will be marked ★ icon and be grouped into "My Favorite" folder for easy access (like a bookmark). (Please refer to page 21, "My Favorite" section introduction.)

● You may also select a file in the file list and press ◎/OK for 2 seconds to mark the file. If want to unmark the selected file, just press the ◎ "OK" for 2 seconds again to remove the mark.

Note: The projector supports the following video formats:

File Extension	Video Decoder	Audio Decoder
*.avi	MJPEG Xvid H.264/AVC MPEG4	AAC (AAC-LC and HE-AAC) PCM ADPCM
*.mov *.mp4	MPEG4 H.264	AAC PCM ADPCM
*.mpg	MPEG1	LPCM

Projecting Photos

Select and project still images.

1. Select '**Photo**' and press ◎/OK to enter Photo mode on the main menu.
2. Use ▲▼ to select the folder and press ◎/OK to open the selected folder. Use ▲▼◄ ► to navigate the thumbnail of photos.
3. Press ◎/OK to project the selected photo in full screen.
4. Press the Left/Right (◄ ►) key to move to previous/next picture.
5. Zoom or Pan the picture:
   ● Press the Up ▲ key to enter Zoom mode. Use Up/Down (▲▼) keys to Zoom in / Zoom out.
   ● In Zoom mode, press ◎/OK to switch to pan function.

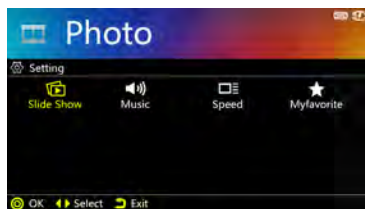Please see the detail operation as following <Table B>.

<Table B>

Zoom	▲ ▼	Zoom in / Zoom out (Photo: The Magnification levels are 1x ~ 4x. Document: The Magnification levels are 1x ~ 8x.)
	◄ ►	Previous / Next picture (page)
	◎/OK	Enter to Pan mode
	↰	Return to full screen
Pan	▲ ▼ and ◄ ►	Pan up, down, left, right
	◎/OK	Return to Zoom mode
	↰	Return to full screen

6. Rotate the picture :

Press ▤/Menu to enter Rotation function. Use Left/Right (◄ ►) key to select the direction to rotate and press ◎/OK to confirm. To return, press ↰ (Exit) to photo folders or thumbnails.

Changing Photo Playback Setting:

Under the file list, select a thumbnail and press ▤/Menu to enter Photo Setting.

1) Slideshow: To turn On or turn Off the slideshow.
2) Music: To have or without background music during the slideshow. To play the music, please save the preferred music under the same folder.
3) Speed: To set up the slideshow interval speed as 5 sec, 10 sec, 30 sec, 1 min,or 10 min.
4) During slideshow, press ◎/OK to stop or resume the slideshow. Use ◄ ► to navigate previous / next picture.

5) My Favorite: The file will be marked ★ icon and be grouped into "My Favorite" folder for easy access (like a bookmark). (Please refer to page 21, "My Favorite" section introduction.)

Note: The projector supports the following photo formats:

File Format	Max. resolution	File Extension
JPEG	8000 x 6000	*.jpeg
JPG	8000 x 6000	*.jpg
BMP	8000 x 6000	*.bmp

Projecting Document

Select and project Windows Office and PDF files.

1. On the Main menu, select '**Document**' and press the ◎/OK button to enter the Document mode.
2. Navigate the folders and files and press ◎/OK to open the selected document.
3. Press the Left/Right (◀ ▶) button to move to previous/next page.
4. Zoom or Pan the document:
   - Press the Up ▲ key to enter Zoom mode. Use Up/Down (▲▼) keys to Zoom in/ Zoom out.
   - In Zoom mode, press ◎/OK to switch to pan function.

Changing Document Playback Setting:

Under the file list, select a document and press ▤/Menu to enter Document Setting.

1) Slideshow: To turn On or turn Off the slideshow.
2) Speed: To set up the slideshow interval speed as 5 sec, 10 sec, 30 sec, 1 min,or 10 min.
3) During slideshow, press ◎/OK to stop or resume the slideshow. Use ◀ ▶ to navigate previous / next picture.
4) My Favorite: The file will be marked ★ icon and be grouped into "My Favorite" folder. (Please refer to page 21, "My Favorite" section introduction.)

Note: 1. The projector supports the following document formats and Limitations:

File Format	File Extension	Support Version	Size Limitation
POWERPOINT	*.ppt, *.pptx,	PowerPoint 97 ~ 2010	Up to 19MB
PDF	*.pdf	PDF 1.0 ~ 1.4	Up to 75MB
WORD	*.doc , *.docx,	WORD 97 ~ 2010	Up to 100MB
EXCEL	*.xls, *.xlsx	Excel 97 ~ 2010	Up to 15MB

2. When opening, magnifying or panning a file, it may take a few seconds to open the page due to large file size or multiple photos on one page.

3. The projector has limited font support. Opening a document with unsupported fonts, the document viewer automatically substitutes unsupported fonts with default fonts. It may cause the layout different.

4. If the document layout is more complicated with photo and multiple columns, it may be displayed in separate pages.

Playing Music

Select and playback audio files.

1. Before you are able to listen to music, you must first store music files on the internal memory or external memory devices.

2. Press ▲▼ to select one song and press ◎/OK to start the music playback.

3. To adjust the music volume, press ▲▼ to adjust the volume.

4. Press ◎/OK to pause the music. Press it again to resume normal playback.

5. The screen will be automatically turned off after 20 seconds to save power. To turn on the screen, touch the keypad to activate the projection function.

6. Press 目 (Menu) to enter the music setting.

   1) Playback: Select the playback setting as Table A (Page 16).

   2) My Favorite: The file will be marked ★ icon and be grouped into "My Favorite" folder. (Please refer to page 21, "My Favorite" section introduction.)

Note: The projector supports the following music formats:

File Format	File Extension
MP3	*.mp3
WAV	*.wav
OGG	*.ogg

Using Headphones

The projector equips speaker for providing the best audio performance. Additionally, you can connect the earphone or external speaker to the AV jack of the unit. When earphone is connected, the speaker will be automatically turned off.
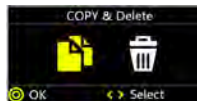

File Manager

The File manager is a fast and convenient way to navigate, project, and manage files in different formats.

1. On the Main Menu, select '**File**' and press ◎/OK to enter File list.

2. Navigate the file list, select a file, and press ◎/OK to start projecting.

3. To manage the files, highlight a file on the list and press 🗐 (Menu) key to enter **'Copy & Delete'** function.

- Copying file Select and press ◎/OK "Copy" to copy the selected file to another memory device.
- Deleting file Select and press ◎/OK "Delete" to delete the selected file.
- Press ⬑ to cancel and return to file list.

My Favorite

Select and playback the files that you have marked as favorite.

1. On the Main menu, select '**My Favorite**' and press the ◎/OK button to enter the My Favorite mode.

2. Navigate the files and press ◎/OK to open the selected file.

3. Press the Left/Right (◀ ▶) button to move to previous/next file.

4. Press 🗐 (Menu) to enter 'Delete the Path' function.

Note: 'Delete the Path' only remove the file path from the list of My Favorite. If you need to delete the files, please select '**File**' on the main menu, Then select the file and press 🗐 (Menu) button to enter 'Copy & Delete' function.

Setting

Change the default setting of projectional brightness, Projection methods, language, and memory devices.

1. <u>Brightness</u>
It allows you to change the brightness according to the environment and the power consumption.

Mode	Brightness	Battery Life	Recommendation
Enhanced	Up to 100 lms	80 mins	This mode is recommended when external power supply is available to maximize the performance.
Normal	Up to 60 lms	100 mins	The default mode for optimizing the projection performance and battery capacity.
Eco	Up to 40 lms	120 mins	This mode is recommended when the projector is operated under battery mode to save power.

Note: The projector is automatically switched to Enhanced mode when It's powered by the power adapter.

2. <u>Projection (Lens) mode</u>
   Allow you to select the projection mode, depending upon how the projector is mounted. Please see the detail operation on page 12.

3. <u>Scene selection</u>
   It allows you to select the ideal mode for watching movie, photo slideshow, or reading the text with balanced brightness, color, and contrast.

   .

   Cinema: ideal for watching movie

   Normal: ideal for photo slideshow

   Text: ideal for image with text

4. <u>Memory Source</u>
   This function allows users to select the storage devices between internal memory, Micro SD Card, and USB devices.

       ▦   : Internal memory

       ▤◀   : SD / SDHC / SDXC card

       ▣▬   : USB Dongle

5. <u>Language</u>
   This item allows users to select the displayed system language.

6. <u>Auto Power Off</u>
   This item allows users to enable or disable the auto power off function of the projector. If auto power off is turned ON, the projector will be automatically turned off after the chosen period is due.
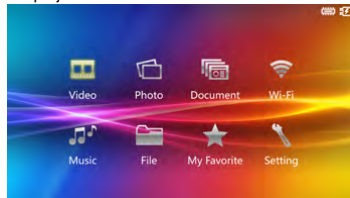
7. <u>System</u>
   - Factory Setting
     Reset the projector to factory default setting.
   - Firmware Upgrade
     Firmware upgrade information is available on our website.
   - Information
     Shows firmware version: Txxxx / Axxxx

Enable Wireless Connection

For first-time use, please follow the steps below to install wireless application software for your PC or smartphone.

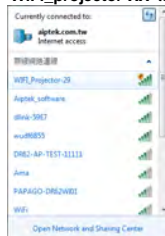## Install the wireless application software on your computer

1. Select and enter '**Wi-Fi**' on the main menu to launch the wireless function of the projector.

2. The W-Fi Display shows the wireless status (Wi-Fi connected or disconnected) and password for connecting the projector.
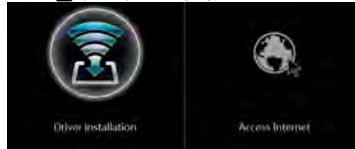

3. Enable your WLAN of Notebook or PC. Select the access point labeled '**WiFi_projector-XX**' to connect the projector Wireless network

Note: 1. Your computer must have wireless network function to detect the connection.
2. Disconnect the Ethernet cable from your computer to avoid affecting the wireless network connection.
3. When you connect to the projector's wireless network, you will loss wireless connectivity with other wireless networks.

4. Press ▤ (Menu) on the projector to enter the Driver/App Installation.

5. The screen shows the IP address and QR code for downloading Driver/App.

6. Open the Internet browser on your computer then enter the default IP Address **http://192.168.111.1** in the browser's address bar.

7. Select the driver for Windows or Mac OS depending on your PC and then click the icon to download the driver.

8. Double click the driver **EZ_View** to install. Click <Next> and follow on-Screen instructions to complete the setup and reboot the computer. When the installation is completed, an icon, labeled **EZ View** will appear on your computer desktop.

Note: To rename your projector network name (SSID) or change the wireless security (password is disabled as default), you can type the projector's IP address (192.168.111.1) into your web browser to open its configuration page and find the settings to enter the new name or create the password.
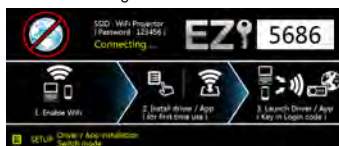
EN

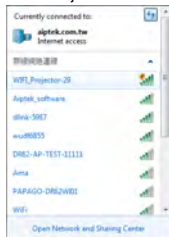## Peer-to-Peer Wireless connection with the projector

Peer-to-peer wireless connection from your computer with the projector allows you quickly start the presentation or watch a movie wirelessly from your PC, tablet, or smartphone but without the access to an available Wi-Fi network (without Internet access). It's recommended to use Home Network Mode (see page 32) when you need Internet access for the projection.

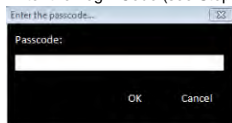### Peer-to-Peer wireless projection from computer

1. Select and enter '**WiFi**' on the main menu of the projector.
2. Make a note of the Login Code in 4 digits XXXX. You will need the information to log in later.

3. Connect your computer to the projector Wireless network by selecting WIFI-Projector-XX on the network list.

4. Double-click **EZ View** icon on your computer desktop to start the application.
5. Enter the Login Code (see Step 2) and click <OK> to confirm.

6. After successfully logged in, the wireless projection between the computer and the projector has been established.

Advanced functions of EZ View

	Item	Descriptions
	A. Split screen	**1~4 :** Allow 4 different devices to project in the same screen **L, R :** Move the screen to the left or right **All :** Return to full screen
	B. Mirror Mode	Mirror mode displays the same picture on the screen of the computer.
	C. Extend Mode	Extend the screen from computer to the projector.
	D. Link	Link to the projector Download /Configure management page.
	E. Exit	Click to close the application.
	F. Mode	Click to select the ideal mode for watching movie or photo slideshow **Video:** ideal for watching movie **Graphic**: ideal for photo slideshow
	G. Compatible Mode	Click to enhance 3rd party software compatibility. (The performance (frame rate) of wireless streaming may be reduced.)
	H. Audio Streaming	Stream the Audio to the projector's speaker. **Note**: If you don't like to hear the sound from the computer at the same time, disable the speaker on the computer by choosing 'mute'.

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Install the wireless application software on Apple or Android devices

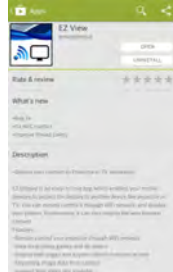### EZ View for Android smartphone and Apple iDevice

EZ View is an application that runs on your Android smartphone or Apple iDevice and transmits still images or presentations to the projector. The EZ View is only used for a wireless connection. If you are connecting your phone to the projector using a cable, you can use the built-in video out feature of your phone.

Installing EZ View from Google Play™ (For Android device)

1. Connect to the Internet and open the Google Play™ or Google Play™ web page. (Google Play™ is a trademark of Google Inc.)
2. In the search bar, type **EZ View**. (Or scan the QR code directly from the installation page.)

3. Click the <INSTALL> button to download and install the **EZ View** app.

4. Follow the instructions to finish the installation.

Installing EZ View from Apple App Store (For Apple i-device)

1. Connect your iPhone to the Internet and Launch the App Store.
2. In the search bar, type EZ View. (Or scan the QR code directly from the installation page.)
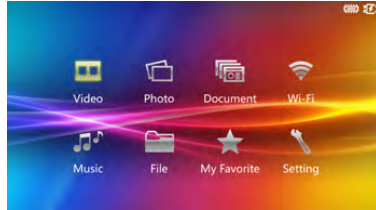
3. Click the <INSTALL> button to download and install the EZ View application.

Peer-to-Peer wireless connection from Android or Apple device to the projector

Before you can transmit images to the projector using EZ View, you must connect your Android smartphone or Apple i-device to the projector (peer-to-peer) or in the same available wireless network.

1. Select and enter '**Wi-Fi**' on the main menu to launch the wireless function of the projector.
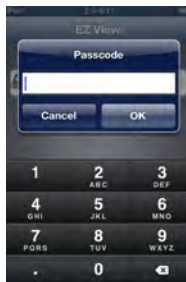
EN

2. The W-Fi Display shows the wireless status (Wi-Fi connected or disconnected) and password for connecting the projector.

3. Enable your WLAN on smartphone. Select the access point labeled '**WiFi_projector-XX**' to connect the projector Wireless network.

Opening EZ View and Logging into the projector

1. Open the EZ View application. EZ View will search for compatible devices.
2. Choose WiFi Projector and enter the Login password shown on the projector screen.

4. Press <OK> to continue.

5. Select the type of files on your smartphone for projection.

| Document | Photo | Camera | Internet | ••• More |

EZ View app function	Description
PHOTO	Projecting Photos stored on your smartphone.
DOCUMENT	Projecting Office Documents and PDFs stored on your smartphone.
INTERNET	Projecting Web pages. (**Home Network mode only**) * Please see page 31 to enable Client mode.
DROPBOX	Streaming cloud server. (**Home Network mode only**) * Please see page 31 to enable Client mode.
CAMERA	Real-time project the image by iPhone or Android phone camera through WiFi connection.
VIDEO	Stream video stored on your iOS and Android devices to the projector.
SPLIT CONTROL	Allow up to four devices be projected through one projector in the same time.

Adding Content to EZ View using iTunes® (For Apple i-Device)

1. Attach your iPhone to your computer.
2. On your computer, launch iTunes® unless it automatically opened when you attached your iPhone.
3. Click the iPhone or iPad device in the sidebar.
4. Click the Apps in the Settings panes.
5. Click EZ View to see all of the files loaded into EZ View.
6. Click the "Add" button and choose files to upload to EZ View. You can load JPG files and Document files.
7. In the lower left hand corner, click the Sync button to transfer the files to your iPhone.

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Sketch the image from EZ View

A sketch tool is built in Photo / Document /Web modes, to let presenter make note on the projected page. You can draw, highlight in color or erase by touch easily. All the sketched images can be saved in camera roll at once.

Connect the projector to available Wi-Fi network (Home Network Mode) for Internet access

You are recommended to connect the projector to a Wi-Fi network so your computer, tablet, and smartphone can at the same time have the Internet access. You only need to key in the network key to set up the connection for the first time. The projector will be automatically connected to the network when it enters the WiFi mode next time.

1. Select and enter '**Wi-Fi**' on the main menu.
2. Press 🗐 (Menu) to enter the following options. Select 'Internet Access' (Client Mode) and confirm with ◎ "OK".

3. Select the Wi-Fi network you would like to connect and confirm with ◎ "OK".

4. If wireless security is enabled on your Wi-Fi network, press ◎ "OK" to display the keyboard and enter the password (network key) by using the navigation keys on the projector or the remote control. After typing the password, press 'Exit' on the projector or the remote control to quit the keyboard. Select 'Connect' and confirm with ◎ "OK".

5. Use 'Exit' button to return to WiFi Display. Now you can start the driver or App EZ **View to start the wireless projection.**

6. To disconnect the wireless projection, simply close the driver or App and return **the projector to main menu.**

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Note: Internet access (Home Network mode) performance is affected by a variety of factors, such as the CPU performance of your smartphone/ notebook, the distance between the access point, and walls/obstacles that obstruct direct line-of-sight. Cordless phones, bluetooth devices, microwaves, and anything that may cause RF interference in the 2.4GHz frequency range can affect the WLAN performance as well.

Therefore, once the internet speed drops or intermittent disconnects during the projection, we recommend you to select another access point with a stronger signal or disconnect the projector client from your access point (disable internet access) to ensure the best experience of wireless projection.

Troubleshooting

If your projector does not seem to be functioning properly, check the items below before you contact an authorized service center.

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Symptom	Check Point
The projector does not work when connecting to a notebook or PC with cable.	1. Check if the HDMI cable is plugged correctly. 2. Make sure the PC has been switched to projector display.
The driver installation web page can't be opened from computer browser.	1. Enable your WLAN of Notebook or PC and select the access point labeled 'WiFi_projector-XX' to connect with the projector. 2. Disconnect the Ethernet cable from your computer to avoid affecting the wireless network connection. 3. Open the Internet browser on your computer then enter http://192.168.111.1 in the browser's address bar.
The projector can't be detected when running **EZ View** app.	1. Select 'WiFi' on the Main Menu to enter the WiFi display mode. 2. Enable your WLAN of PC or smartphone and select the access point labeled 'WiFi_projector-XX' to connect with the projector. 3. Disconnect the Ethernet cable from your computer to avoid affecting the wireless network connection.
The projected image is too dark.	1. Use the projector in a darker environment. 2. Increase the brightness by using the AC power adapter. 3. Scale down the projectional image size.
The projected image is blurred.	1. Adjust the focus. Please refer to "Adjusting the Focus". 2. Check if the lens is dirty.
The surface temperature of projector is high.	Because of the high-luminance LED, it is normal that this projector generates heat in long-time use. It will not affect the performance of the projector. Always keep the ventilation slots free of dirt or obstructions and operate the projector in a properly ventilated environment.
Recovering from abnormal	If the projector is running slow, freezing, crashing or locking up during the operation. Press the Power button for 8 seconds to reboot your projector.

Specifications

Item	Description
Optical Technology	DLP
Light Source	RGB LED
Aspect ratio	16:9
Resolution	854 x 480 Pixels (WVGA)
Contrast Ratio	1000:1
Projection Image Size	36 cm ~ 300 cm (14" ~ 120")
Projection Distance	50 cm ~ 425 cm (20" ~ 167")
Throw Ratio (Diagonal: Distance)	1.6 (Projection Distance/Width of Image)
Brightness	Up to 100 Lumens
Focus	Manual
Offset	100%
Playback Format	Photo: *.jpeg, *.jpg, *.bmp Video: *.avi, *.mov, *.mp4, *.mpg Audio: *.mp3, *.wav, *.ogg Document: *.ppt, *.pptx, *.pdf, *.doc, *.docx, *.xls, *.xlsx
WiFi	Module: IEEE 11n (1T1R) Standard: 802.11b/g/n
Internal Memory	2 GB (1.2 GB for storage)
Internal Speaker	Mono
Card Slot	SD / SDHC / SDXC card (up to 128 GB)
Power Supply	Input: 100 ~ 240V AC Output: 12V, 2A DC
Battery Type	Embedded 7.4V / 2000 mAh Li-polymer battery
Battery Life	Enhanced mode: 80 min Normal mode: 100 min Eco mode: 120 min
Power Consumption	AC mode: 12 W Battery mode: 8 W ~ 12 W
Dimensions (L x W x H)	132 x 95 x 25 mm
Weight	285 g
Humidity	20 – 80%, 80% (Max.), non-condensing.
Operating Temperature	5°C – 35°C.