



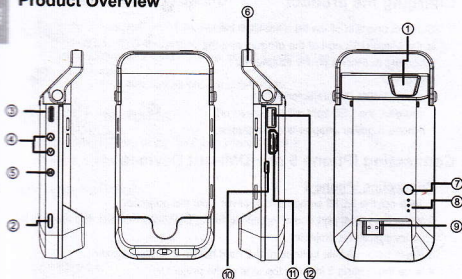
User's Manual

English / Deutsch / Français / Italiano / Русский Свен / Türkçe
簡體中文 / 繁體中文 / 日本語 / 한국어 / العربية

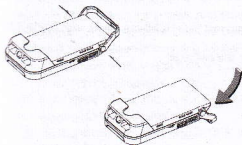
HDMI

User's Manual

Product Overview



① Projector Lens	⑦ Charging Mode Button
② Projection On/Off Button	⑧ LED Indicator
③ Focus Wheel	⑨ HDMI Male Plug
④ Volume/Up & Down Button	⑩ Micro USB Charging Port
⑤ Menu Button	⑪ HDMI port
⑥ Top holder*	⑫ Type A USB Port

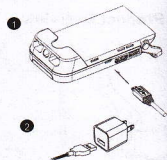


* You can press both side buttons to switch the top holder to hold iPhone 5 or be a stand while placing the projector on the table.

Charging the product

Connect one end of the bundled USB cable to the Micro USB port of the product and the other end to iPhone power adapter for charging.

- * After 3 hours the projector is fully charged, the LED light will be turned off.
- * iPhone 5 power adapter is not included.



Connecting iPhone 5 or HDMI-out Devices

Connecting iPhone 5

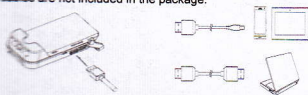
1. Take out the HDMI compartment cover from the projector.
 2. Insert the HDMI port end of Apple Lightning Digital AV Adapter into the HDMI connector of the projector.
 3. Press both top side buttons of the front holder to switch it down.
 4. Slide the iPhone 5 into the top side of the projector.
 5. Press the top side buttons to switch back the front holder
 6. Insert the lightning end of Apple Lightning Digital AV Adapter into the iPhone through the hole tightly as below illustrations indicates.
- *Apple Lightning Digital AV Adapter is not included.



Connecting HDMI devices

Use the optional HDMI cable to connect your HDMI-out device with the HDMI port of the projector.

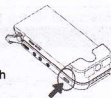
- *HDMI cables are not included in the package.



Turning on/off the projector

Press the Projection On/Off button for 3 seconds to turn ON or turn OFF the projector.

- * It's normal that the device will get warm due to it's high performance.
- * Projector time different as source differences.



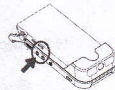
Adjusting the focus

Adjust the focus by using the focus wheel to get a sharp and clear picture.



Volume control

Please use Up/Down button to adjust the volume.



ECO Mode

To save power for extending projection time, please press Menu Button (M) for one second till menu is displayed on the screen. And press Up button to enter Eco Mode, then use Up/Down button to turn on/off the Eco Mode.

Adjust Aspect Ratio

If the picture is stretched or not display in correct format the output format of your playback device is different from the input settings of the projector. Please press Menu Button (M) for one second till menu is displayed on the screen. And press down button to enter Aspect Ratio, then use Up/Down button to switch between following Aspect ratios:

- (1) 4:3 Pan and Scan: Image ratio is 4:3, it will cut the both side edge to enlarge central image.
- (2) 4: 3 Theme: Image ratio is 4:3, it will keep central ratio and compress the image ratio for both side edge.
- (3) 16: 9 Letterbox: Image ratio is 16:9, it will be scaled down, to display completed 16:9 original image.



Illustration for the three kinds of Projection mode:

Smartphone (Source) Screen

Projection Screen

16:9 Aspect Ratio



Pan & Scan (4:3)



Letterbox (16:9)



Theme mode (4:3)

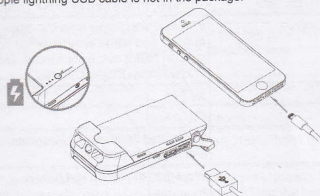


Charging your iPhone 5/iOS Device

The internal battery of the projector can not only be used for projection, but also charge your iPhone 5/iOS devices.

1. Please turn off projector before charging the iPhone 5/iOS device.
2. Plug the iPhone 5 lightning USB cable into lightning port of your iPhone 5 and USB port (Type A) of projector.
3. Press the charging mode button to start charging.

* Apple lightning USB cable is not in the package.



LED indicators

LED Status	Indication
3 white LEDs stay on	Power capacity is between 80% to 100%
2 white LEDs stay on	Power capacity is between 45% to 80%
1 white LED stays on	Power capacity is between 10% to 45%
1 white LED blinks	Power capacity is below 10%
LED Marquee	Projector is being charged
3 white LEDs blink	Charging iPhone 5/ iOS device

Product specifications

Item	Description
Optical Technology	DLP
Light Source	RGB LED
Resolution	640 x 480 Pixels (VGA)
Luminous Flux	ANSI 50 lumens
Projection Image Size	152 mm ~ 1524 mm (6" ~ 60" Diagonal)
Projection Source	iPhone 5 with Apple lightning digital AV adapter and home entertainment devices support HDMI out, ex Notebook/Tablet/DVD Player/Game Player Device
Power Input	5V / 2A
Power Output	5V / 1A
Battery Type	Embedded 3000 mAh, Li-polymer rechargeable battery
Battery Life	Projection mode: up to 120 min Charging mode: 100% recharge of the iPhone 5 battery
Power Consumption	Projection mode: 7.5W Charging mode: 3.3W
Operation Temperature	5 °C ~ 35 °C
Dimension (L x W x H)	139 mm x 67 mm x 30 mm
Weight	160 g
Package Content	Pico Projector, USB cable, Pouch, User's Manual

* We reserve the right for technical changes and mistakes.

Troubleshooting

Symptom	Check Point										
The projector can not be turned on.	Ensure the battery is fully charged.										
The projecting image is too dark.	<ul style="list-style-type: none"> * Use the Projector in a darker environment. * Decrease the size of projecting image. 										
The projecting image is too blurry.	Adjust the focus by using focus wheel.										
The temperature of the projector's surface is warm.	It is normal that this projector to generate moderate heat during operation.										
The projector is turned on, but the video can not be projected via iPhone 5.	Please check your Apple Lightning Digital AV Adapter is fixed well between iPhone 5 and projector.										
The projector is no audio via iPhone 5.	Please check your iPhone 5's voice is turn on.										
When plug earphone into iPhone 5, and no audio output.	Please plug Apple Lightning Digital AV adapter first and plug the earphone after then the audio will be outputted.										
The projector is turned on, but the video can not be projected via HDMI interface.	<p>Please check your device if it supports HDMI interface. If yes, please check the source resolution of your device output. Please refer the supporting resolution as below and modify your device output resolution.</p> <table> <tr> <td>· 640x480p 60fps</td><td>· 720x576p 50fps</td></tr> <tr> <td>· 720x480p 60fps</td><td>· 1280x720p 50fps</td></tr> <tr> <td>· 1280x720p 60fps</td><td>· 1920x1080i 50fps</td></tr> <tr> <td>· 1920x1080i 60fps</td><td>· 1920x1080p 50fps</td></tr> <tr> <td>· 1920x1080p 60fps</td><td></td></tr> </table>	· 640x480p 60fps	· 720x576p 50fps	· 720x480p 60fps	· 1280x720p 50fps	· 1280x720p 60fps	· 1920x1080i 50fps	· 1920x1080i 60fps	· 1920x1080p 50fps	· 1920x1080p 60fps	
· 640x480p 60fps	· 720x576p 50fps										
· 720x480p 60fps	· 1280x720p 50fps										
· 1280x720p 60fps	· 1920x1080i 50fps										
· 1920x1080i 60fps	· 1920x1080p 50fps										
· 1920x1080p 60fps											