

Care and Safety Information

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 5~35°C, 80% (Max.), non-condensing.
8. The battery is integrated with the device. Do not disassemble and modify. The battery should be replaced by qualified service staff only.
9. Ensure that the ambient room temperature is within -10~55°C
10. During the operation, this product may heat lightly, which is normal.
11. 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.
12. Handle the product with care. Avoid contact with sharp objects. Keep device away from metallic objects.
13. Place the projector on a flat surface. Any collision or falling to the ground is likely to damage the product.
14. 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 qualified service personnel.
15. Use only the accessories supplied by the manufacturer.
16. Both product and user's manual are subject to further improvement or supplement without further notice.
17. Avoid facing directly into the projector's lens.



Sicherheitshinweise:

1. Das Gerät und das Verpackungsmaterial außerhalb der Reichweite von Kindern halten.
2. Das Netzteil nicht in Kontakt mit tropfendem oder fließendem Wasser kommen lassen und Hände vor der Benutzung abtrocknen. Keine mit Flüssigkeiten gefüllte Gegenstände, wie z.B. Vasen usw. auf oder in die Nähe des Gerätes stellen.
3. Stellen Sie sicher, dass die verwendete Steckdose immer verfügbar und niemals blockiert ist. Verwenden Sie im Notfall das Netzteil, um das Gerät vom Stromnetz zu trennen.
4. Das Gerät von Flammen, wie z.B. Kerzen fernhalten und diese nicht in der Nähe des Gerätes aufstellen.
5. Das Gerät mindestens 10 cm von anderen Gegenständen entfernt halten. Stellen Sie sicher, dass die Lüftungsschlitze nicht durch Zeitungen, Tischdecken, Vorhänge usw. blockiert werden.
6. Den Projektor zu Ihrer eigenen Sicherheit nicht während eines Gewitters oder Blitzschlages verwenden.
7. Relative Luftfeuchtigkeit liegt bei 5 bis 35°C, 80% (max.), nicht kondensierend.
8. Der Akku ist im Gerät integriert. Nicht auseinander nehmen oder ändern. Der Akku sollte nur von einer Fachkraft ausgetauscht werden.
9. Stellen Sie sicher, dass die Raumtemperatur innerhalb von -10 ist ~ 55°C liegt.
10. Dieses Produkt kann während des Betriebes etwas warm werden, was normal ist.
11. Warten Sie mit der Verwendung des Geräts etwas, wenn das es von einem kalten an einen warmen Ort gebracht wurde. Kondenswasser kann das Gerät unter bestimmten Umständen zerstören. Sobald das Gerät Raumtemperatur erreicht hat, kann es ohne Risiko verwendet werden.
12. Produkt mit Vorsicht handhaben. Kontakt mit scharfen Gegenständen vermeiden. Von Gegenständen aus Metall fernhalten.
13. Den Projektor auf eine flache Unterlage stellen. Stöße oder ein Herunterfallen auf den Boden führt wahrscheinlich zu Schäden des Produktes.
14. Das Produkt nicht fallen lassen oder auseinander nehmen, da sonst die Gewährleistung erlischt. Das Öffnen oder Entfernen von Abdeckungen kann sie gefährlichen Spannungen und anderen Risiken aussetzen. Alle Wartungsarbeiten von Fachpersonal durchführen lassen.
15. Nur vom Hersteller empfohlenes Zubehör verwenden.
16. Sowohl das Produkt als auch das Benutzerhandbuch unterliegen fortlaufenden Verbesserungen oder Ergänzungen ohne vorherige Mitteilung.
17. Nicht direkt in das Objektiv des Projektors sehen.



Entretien et précaution d'emploi

(FR)

1. **Attention** - Evitez de vous placer en face de la lentille du vidéo projecteur.
2. Evitez tout contact avec de l'eau, et gardez vos mains sèches lors de l'utilisation.
3. Assurez-vous que la température de la pièce est comprise entre -10 et 55°C
4. Le taux d'humidité relative doit être de 80% au maximum entre 5 et 35°C, sans condensation.
5. Ne pas faire tomber, frapper ou démonter cet appareil ; sinon la garantie sera annulée.



Informazioni sulla cura e sulla sicurezza

(IT)

1. **Attenzione** - Non guardare l'obiettivo in modo diretto.
2. Evitare il contatto con liquidi e utilizzare con mani asciutte.
3. Assicurarsi che la temperatura ambiente della stanza sia compresa tra -10 e 55°C
4. L'umidità relativa deve essere compresa tra 5 e 35°C, all'80% (max.), senza condensazione.
5. Non far cadere, non colpire e non smontare il dispositivo; in caso contrario la garanzia verrà annullata.



Información de seguridad

(ES)

1. **Advertencia** - Evite ponerse directamente en frente de las lentes del proyector.
2. Evite cualquier contacto con el agua. Mantenga sus manos secas durante su uso.
3. Asegúrese de que la temperatura ambiente de la sala sea de -10~55°C
4. Humedad relativa de 5~35°C, 80% (Máx.), no-condensada.
5. No caiga, golpee o desmonte el dispositivo, ya que de lo contrario se invalidaría la garantía.



(AR)

معلومات السلامة والرعاية

1. **تحذير** - تجنب التعرض بشكل مباشر لعدسة جهاز العرض.
2. تجنب اتصال الجهاز بالماء، والحفاظ على يديك جافتين أثناء الاستخدام.
3. التأكد من أن درجة حرارة الغرفة المحيطة ما بين 10 إلى 55 درجة مئوية.
4. أن تكون الرطوبة النسبية من 5 إلى 35 درجة، بما يعادل 80% (بحد أقصى)، غير مكثفة.
5. لا تسقط أو تنقب أو تقوم بفك الجهاز؛ وإلا بطل حق الضمان.



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.

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.



(EN)

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.



(DE)

Wenn die Lebensdauer des Produkts zu Ende kommt, lassen Sie bitte möglichst alle Komponenten recyceln. Bitte recyceln Sie dieses Produkt ordnungsgemäß, wenn es nicht mehr verwendet werden kann. Es kann nicht als Haushaltsmüll behandelt werden. Es muss separat über die verfügbaren Rücknahme- und Sammelsysteme entsorgt werden.

(FR)

Si il est temps de jeter votre produit, veuillez recycler tous les composants possibles. Si ce produit est arrivé en fin de vie, veuillez s'il vous plait le recycler correctement. Il ne peut pas être traité comme les ordures ménagères. Il doit être apporté à un point de collecte approprié pour le recyclage.

(IT)

Al momento di buttare via il prodotto, riciclare il maggior numero di componenti. Se questo prodotto giunge alla fine del suo ciclo di vita, lo ricicli correttamente. Non può essere trattato come rifiuto urbano. Deve essere smaltito separatamente attraverso l'appropriato sistema di reso e di raccolta.

(ES)

Si ha llegado la hora de deshacerse del producto, recicle todos los componentes que pueda. Si ha finalizado la vida útil de este producto, recíclelo adecuadamente. Debe deshacerse del mismo de forma separada a través de los sistemas de recogida disponibles.

(AR)

إذا حان وقت التخلص من المنتج، الرجاء إعادة تدوير كافة الأجزاء الممكنة. لا يتم التخلص من البطاريات والبطاريات القابلة لإعادة الشحن ضمن المخلفات المنزلية! الرجاء إعادة تدويرها لدى مركز إعادة التدوير المحلي لديك. معًا يمكننا المساعدة في حماية البيئة.

(NL)

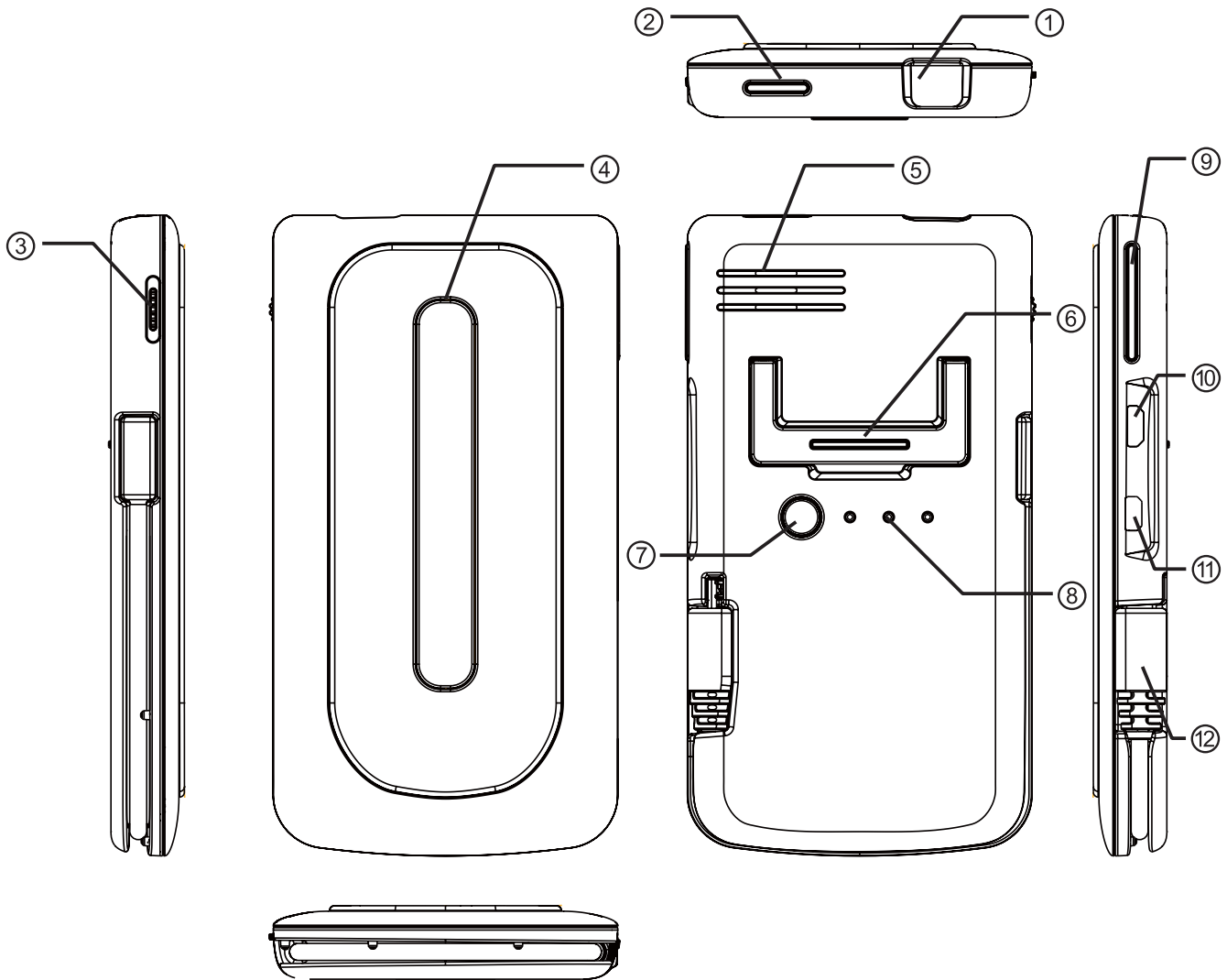
Als het einde van de levensduur van het product is bereikt, moet u alle mogelijke componenten recycelen. Batterijen en oplaadbare batterijen mogen niet bij het huishoudelijke afval worden gegooid. Lever ze af bij uw lokale dienst voor recycling. Samen kunnen we helpen bij de bescherming van het milieu.

(BPT)

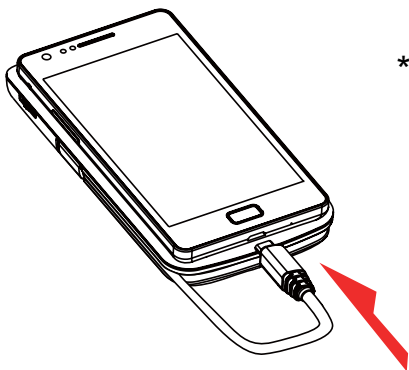
Se você decidir descartar o produto, faça-o de modo que seja possível a reciclagem de todos os componentes. As baterias e pilhas recarregáveis não devem ser descartadas em seu lixo doméstico! Favor reciclá-las em seu ponto de reciclagem local. Juntos, podemos ajudar a proteger o meio ambiente.

Product Overview

EN



- ① Projector Lens
- ② Projection On/Off Button
- ③ Focus Wheel
- ④ Anti-Slip Pad
- ⑤ Speaker
- ⑥ Stand
- ⑦ Charging Mode
- ⑧ LED Indicator
- ⑨ Projection Mode/Up & Down
- ⑩ Micro USB Charging Port
- ⑪ Micro HDMI port
- ⑫ MHL Cable (5 pin)

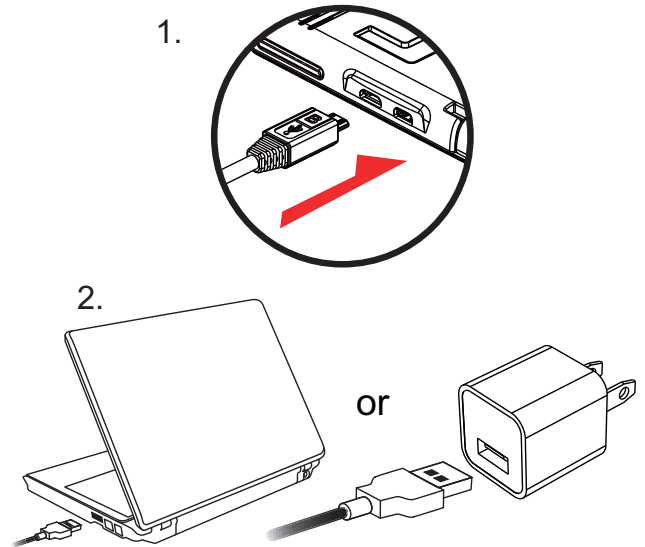


* You can put your cell phone on top of the projector for convenience usage.

Charging the product

Connect one end of the bundled USB cable to the Micro USB port of the product and the other end to PC / Notebook or Smart phone USB power adapter for charging.

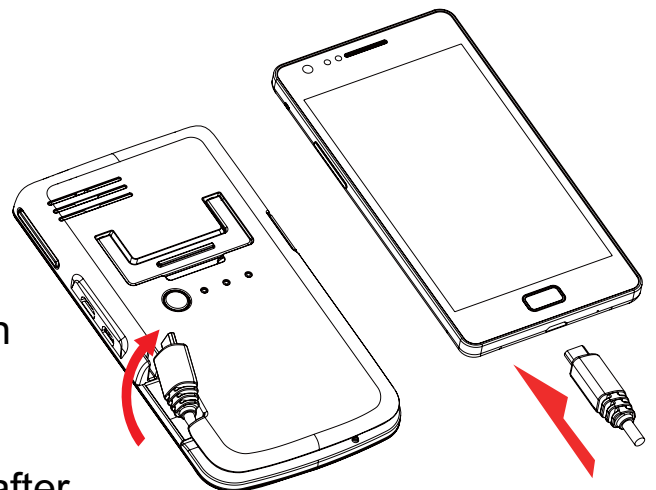
* After 5 hours the projector is fully charged, the LED light will be turned off.



Charging your MHL enabled phone

The internal battery of the projector can not only be used for projection, but also charge your MHL enabled mobile device.

1. Please turn off projector before charging MHL enabled phone.
2. Plug MHL cable into MHL port of your mobile phone.
3. Press the charging mode button to start charging.
 - Only MHL enabled devices can be charged via the embedded battery of the projector.
 - Please press charging button after finishing MHL phone charge.



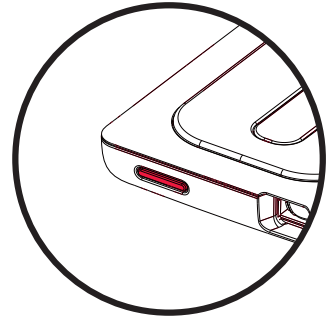
LED indicators

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 MHL enabled mobile phone

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 its high performance.
- * Projector time different as source differences.



Connecting projector with your Devices

1. MHL enabled mobile phones

Simply plug the embedded MHL cable into the MHL port of your mobile phone. The phone will automatically detect the projector and project the image after a few seconds.

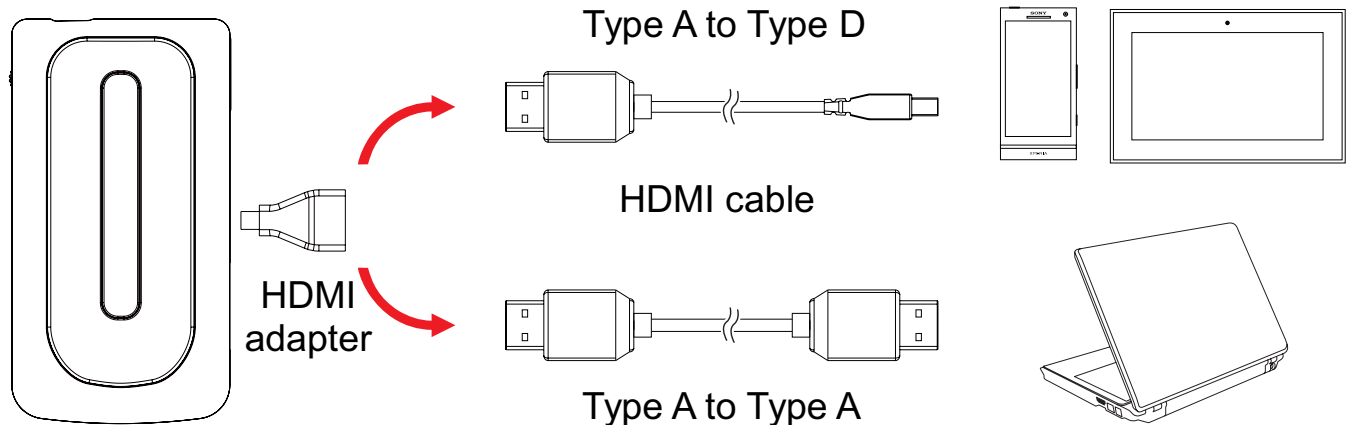
- * Please don't pull the MHL cable hardly.
- * You can use MHL extension cable (optional accessory) to extend the built-in MHL cable for operation friendly.



2. HDMI device

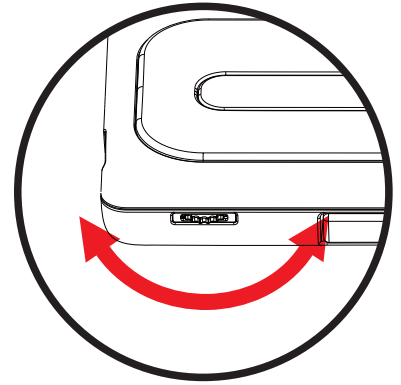
Use the HDMI adapter and optional HDMI cable to connect your HDMI-out device with the MicroHDMI port of the projector. The projection will start after a few seconds automatically.

- * HDMI cables are not included in the package.



Adjusting the focus

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



Volume control

Please use your source device to adjust the volume. In case the volume of source device is not adjustable, press Charging Mode for one second till volume bar is displayed on the screen. Use Up/Down button to adjust the volume.

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. Use the Projection Mode 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 ration is 16:9, it will be scaled down, to display completed 16:9 original image.

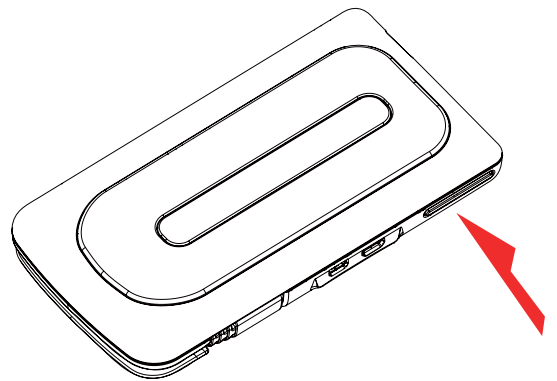


Illustration for the three kinds of Projection mode:

Smartphone (Source) Screen

Projection Screen

16:9 Aspect Ratio



Pan & Scan (4:3)



Letterbox (16:9)



Theme mode (4:3)



Product specifications

Item	Description
Optical Technology	DLP
Light Source	RGB LED
Resolution	640 x 480 Pixels (VGA)
Luminous Flux	Up to ANSI 35 lumens
Projection Image Size	152 mm ~ 1524 mm (6" ~ 60" Diagonal)
Projection Source	MHL or HDMI interface
Power Input	5V / 2A
Power Output	5V / 500mA
Battery Type	Embedded 1850 mAh, Li-polymer rechargeable battery
Battery Life	Projection mode: up to 100 min Charging mode: 70% (Samsung Galaxy S2)
Power Consumption	Projection mode: 7W Charging mode: 2.5W
Operation Temperature	5 °C ~ 35 °C
Dimension (L x W x H)	132 mm x 71 mm x 14 mm
Weight	165 g
Package Content	Pico Projector, USB cable, HDMI-adapter, 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 can't project from or charge MHL devices	<p>MHL supported product list can be found: http://www.mhlconsortium.org/productlist/ It's not a guarantee to 100% compatible as the MHL interface design may vary by each mobile device vendor. It's recommended to check the compatibility.</p>
The projector cannot be charged.	Please check if the projector's 3 LED indicators are in Marquee. If not and they are blinking, please press charging mode button again to exit the charging mode for MHL device.
The projector is turned on, but the video can not be projected.	Please check your device if it supports MHL or HDMI interface. If yes, please check the source resolution of your device output. Please refer the supporting resolution to Appendix 1 and modify your device output resolution.

Appendix 1:

Resolution	For MHL input	For HDMI input
640x480p 60fps	v	v
720x480p 60fps	v	v
1280x720p 60fps	v	v
1920x1080i 60fps	v	v
1920x1080p 60fps	-	v
720x576p 50fps	v	v
1280x720p 50fps	v	v
1920x1080i 50fps	v	v
1920x1080p 50fps	-	v