DLP MINI PROJECTOR

USER MANUAL

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Thank you for purchasing our DLP mini projector. Please read this manual carefully and keep it in a safe place for future reference.

Product names and trademarks involved in the Manual are for illustrative and identification purposes only. All of them are the registered trademarks or copyrights of their original companies.

FCC Compliance Statement:

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 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.
(2) this device must accept any interference received, including interference that may cause undesired operation.

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.

To comply with FCC RF exposure compliance requirements, this grant is applicable to only mobile configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

PRECAUTONS

1.To prevent electric shock, do not open the case. If needed, please ask your local dealer or send back to factory for repair.

2.When operating the projector, please do not look into the lens, as this may cause eyes injured.

3.To prevent fire or electric shock, do not operate this product in wet or moisture environment.

4.For best results, try to use the product in a dark environment.

5.When using the projector, please avoid dropping or impact, so as not to damage the internal parts.

6.Always use the standard power adapter for the projector.

7.Please unplug the AC adapter from the projector when it is not used, unless charging the projector.

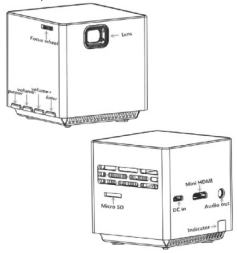
GETTING READY

Package Contents

Including DLP mini projector, Power adapter, Mini HDMI cable, Mini HDMI adapter,Tripod and User manual.

Knowing the device

● The Projector



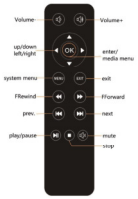
● Key Operation

: "Power" key; "Return" key under sub-menu.

: "Volume-" and "Previous" key.

: "Volume+" and "Next"key.

: "Enter" key; "Play/Pause" function in playback menu; " System menu" function in HDMI mode.



Note :
※Handle your remote controller carefully. Dropping or jarring can damage internal components.
※Exposure to direct sunlight, smoke or steam can harm internal components.

● User interface
You will see the following options on the home screen:

The Setup menu includes options to select Language and reset to factory default. Do NOT use the option "Software update". They are for manufacturer maintenance only.

BASIC OPERATIONS OF THE PROJECTOR

Turning On/Off the Operation

Press and hold the power button for 3 seconds to turn on the projector, the indicator becomes blue.
Projector can be turned off in 2 ways:
a: Press the power button for 3 seconds,
b: In the home screen select the Power option and then select "YES" by pressing "OK" in remote control.

Adjusting Focus

1. Roll the focus wheel to adjust the clarity of the projected image.
2. Stop rolling the wheel once the projected image becomes clear.

Resizing the Projection Screen

The projection screen size is highly related to the distance from the projector to the projected wall. Please refer to the following table for the relationship between projection distance and screen size.
The larger projection screen will require darker environment to ensure better projected image.

Screen Size（Unit: Inch）	Project Distance（Unit: M）
7	0.18M
38	1M
56	1.5M
100	2.5M

Note: The measured values are estimated for reference only.

Charging Battery

The projector can be powered by AC adapter or internal rechargeable battery. To have maximum battery life, it is highly suggested to charge the battery for at least 4 hours the first time.

1.Ensure the projector is turned off and connect it to the power charger.
2.Insert the plug of the power charger into the wall outlet to charge the battery.
※ Indicator Lights Status

	Turn off	Turn on
Red Light	Charging	Charging
Blue Light	-	Working

Note : The battery capacity status will be shown on the upper corner of projector main screen.

☀ Icon will appear on the screen when the power adapter is connected or when the battery is full.
☀ icon will appear on the screen when the projector is running low on battery. Please power the projector by AC adapter when battery is low.

PROJECTING FROM THE PROJECTOR

HDMI

Projecting the display screen from computers, DVs、DSC or other HDMI source devices like PS4, Xbox 360 game consoles via HDMI cable connection.

Micro SD Card

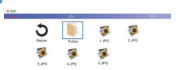
Insert the Micro SD card in right way to playback contents, you can use the keys on the projector or remote controller to select Movie, Picture or Music.

Note: Please refer to the below correct way of insertion :

Movie

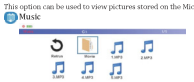
Use this option to play movies and videos stored on the Micro SD card.

Picture



This option can be used to view pictures stored on the Micro SD card.

Music



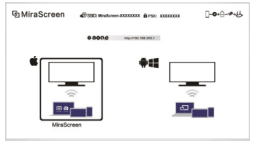
This option can be used to play music from storage media.

Wi-Fi Display

1.AirPlay/Miracast switch: Press" " key on the projector or "OK" key in the remote controller.
2. Before mirroring, please wait until the "SSID" and "PSK" to has appeared.
3.For the first time, user need to enter the password (PSK: XXXXXXXX) when connecting Wi-Fi hotspot.
4. The perfomance of mirroring the media would be effected by obstructions or distance between the device and the projector and the network enviroment . The distance recommended is less than 3 meters.

IOS Equipment (AirPlay)

On projector home screen, Select "Wi-Fi Display", then MiraScreen screen will show up. Default Miracast can be switched to Airplay mode by pressing " " key on the projector or "OK" key in the remote controller.

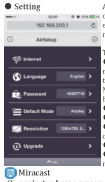


From iOS device. Go to Settings, "MiraScreen "will be shown as WIFI hotspot. Select "MiraScreen "hotspot, then swipe up to enable Airplay, confirm to start mirroring.
See the following pictures from left to right.

Important Notice:
When you want to mirror the screen and access internet data fromvia WI-FI at the same time, after connecting the MiraScreen, you should access the IP address "*192.168.203.1*" by a brower , then click "***Internet***" and setup WI-FI . Please see the instruction of ***Setting***.

User can also use phone's data plan even without WI-FI network.

● Setting

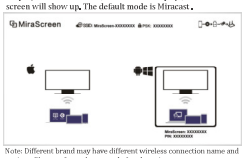


After Wi-Fi is connected with MiraScreen, you can open your web browser to edit settings, please enter IP:192.168.203.1(Sample figs based on mobile device)

There are 6 setting functions:
● Internet: Set up MiraScreen to link with home router to keep internet surfing (Please be noted the connection between mobile device and MiraScreen may disconnect when you link it to Home router at the first time)
● Language: Multiple languages for selection
● Password: Change default WIFI password
● Default Mode: Select Airplay or Miracast as default after booting
● Resolution: Setup output resolution
● Upgrade: Latest firmware upgrade (Please be noted this will require internet connection)

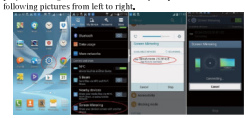
Miracast

On projector home screen, select "WIFI Display", then MiraScreen screen will show up. The default mode is Miracast .



Note: Different brand may have different wireless connection name and settings. Please refer to the manual of each equipment.

For Samsung equipment:
Method 1: Setting→More networks→Screen mirroring→Choose MiraScreen ID on the list. After successfully connected, the projection image will be mirrored with your phone. See the following pictures from left to right.



Method 2: Swipe down Android OS equipment to display the hidden menu→Select "Screen Mirroring"→ Choose MiraScreen ID on the list. After successfully connected, the projection will be mirrored with your phone.

For example, Samsung Note 5/6/7 named "SmartView" for wireless mirroring. See the following pictures from left to right.

PRODUCT MAINTENANCE

The projector

Charge the battery for at least 4 hours the first time.
If the projector is dirty, you can wipe with a dry cloth. Do not wipe with a damp cloth.

Remote controller

The remote controller comes with battery in the original package. Please use the same type battery when the one is out of power.

SPECIFICATIONS

Name	DLP Mini Projector
Native resolution	854*480 (FWVGA)
Compatible resolution	640*480~1920*1080
Display technology	TI DLP
Wireless Connectivity	Miracast (Android), Airplay(iOS)
Light source	RGB LED
Focus	Manual adjust
Brightness(ANSI)	100 Lumens
Contrast ratio	1000:1
Power supply	DC 5V/2A （Micro USB type）
Power consumption	15W
Built-in Speaker	8Ω 1.5W(x1)
Input	Mini HDMI/ Micro SD slot (up to 64GB)
Output	Audio output (φ3.5mm)
Battery	3.7V 2500MAH
Dimension(LxWxH)	55*55*55mm
Weight	174g
LED working life	Above 30000 hrs
Relative working humidity	10%~90%
Supported Photo file formats	PNG/BMP/JPEG/JPG
Supported Video file formats	DAT/FLV/MKV/MOV/MP4/MPG/RM/TRP/TS/VMB/RMVB
Supported Audio file formats	AAC/FLAC/M4A/OGG/MP3/WAV/WMA

Note : The specifications are subject to change without notice.

TROUBLE SHOOTING

Q1. Why is projector blue indicator on, the projection screen has not yet come out?
A : Make sure not to press and hold the power key too long. Release the power key as soon as the blue indicator is on. Please be patient and not to push the power key repeatedly during the projector system is booting. Otherwise that may cause the projector stuck.

Q2. When the projector is in use, it abruptly quits the playback screen.
A . Normally the projector will be back to system home page or stop working easily if the blue touch buttons are touched during playback.

Q3. Why can I not play the files from my SD card?
A. Please check :
1.If the capacity of this SD card is higher than 64GB? The capacity supported by the projector is only up to 64GB.
2.If the SD card is not standard compliant.

Q4. Why can some movies not be played?
A. In this case there are several possibilities.
1.The file size is too large.
2.The video resolution is higher than 1080p. The supported resolution is only up to 1080p.
3.The file format is not supported. Please refer to the the video format support list in Specifications chapter.

Q 5: Why does playing move have no sound coming out?
A . Due to the copyright issue of Dolby, this projector does not support Dolby audio decoding. You might not get sound from videos if they use Dolby audio decoding.

Q6:How should I do if the projector system is crashed or stuck?
A. In this case there are several possibilities that will cause the system crash sometimes.
1.The computing power of the projector cannot catch up the one of the connected devices.
2.The mismatched display resolutions between the projector and the connected device.

The possible solution is to restart the projector . Then the projector will work normally.