



PRJAND820

Smart Mini Pocket Projector



Introduction

This product uses TI0.3 inch DMD chip, incorporating RGB LED display technology.

LED light source, using LED RGB tri-chromatic LED chips, gives a life of up to 20000 hours. In terms of 6 hours watching TV every day, the life is about 10 years, much higher than standard projector bulb lamp with a life around 3000 hours. With a brightness up to 100 lumens, making the display of video, games, entertainment and mobile commerce, a breeze.

The projector has AV inputs, USB and Micro SD/TF card input interface, Audio, Audio output interface, plus built-in speakers. Users only need to insert a USB disk or micro SD card, and the projector can decode most video formats.

The projector has built-in smart Android system, and easily plays PowerPoint, PDFs and other documents without the need of a computer.

It supports wireless Internet surfing, various software and games.

Please read the user manual, it is the best way to become familiar with and to understand how to operate the projector, we hope you enjoy this product!

*For additional detailed product information and support, visit us @ www.PyleAudio.com

CAUTION

- TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER. THERE ARE NO SERVICEABLE PARTS INSIDE.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

The lightning flash with arrow-head symbol within an equilateral

triangle is intended to alert the user to the unit's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the unit.

Avoid staring/facing directly into the projector beam at all times.

Important safety Instructions

All of the safely and operating instructions should be read, adhered to and followed before the unit is operated.

DANGER

To reduce the risk of electric shock, burns, fire or injury:

1. Do not use while bathing or in a shower.
2. Do not place or store unit where it can fall or the pulled into a tub or sink.
3. Do not place in, drop or submerge in water or other liquid.
4. Do not reach for unit that has fallen into water. Unplug it immediately.
5. Care should be taken so that objects do not fall and liquids are not spilled onto the unit.

Battery Warning - This Product Contains A Rechargeable Battery

- Do not store this product in high temperatures, damp areas or in direct sunlight.
- Never disassemble the product.
- Never dispose of the product in fire or water, which may result in explosion and/or injury.
- Keep product out of reach of children.
- Do not touch product with damp hands.
- Dispose of the product properly.
- The product must not be discarded with ordinary household waste.
- Contact your local recycling center for proper disposal.

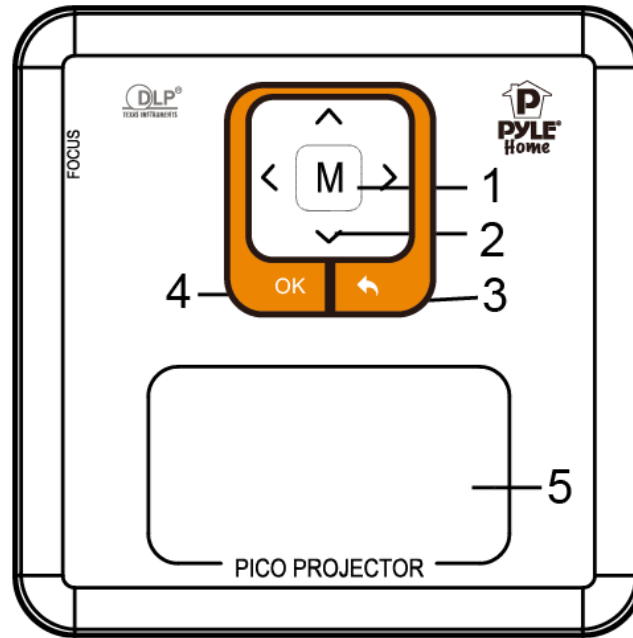
WARNING

1. Close supervision is necessary when this appliance/product is used by or near children or mentally disabled individuals.
2. Use this unit only for its intended use as described in this Manual.
3. Unplug this unit during lightning storms or when unused for long periods of time.
4. Never drop or insert an object into any opening.
5. Protect the adapter cord from being walked on or pinched, particularly at plug outlets, convenience receptacles and the point where it exits the unit.
6. Do not allow adapter cord to touch hot surfaces. Wrap cord loosely around the unit when storing.
7. The unit should be situated away from direct sunlight or heat sources such as radiators, electric heaters, heat registers, stoves, or other unit (including amplifiers) that produce heat. Avoid placing on top of stereo equipment that radiates heat.
8. Never block the air openings of the unit with materials such as clothing, plastic bags or papers, or place it on a soft surface such as a bed or couch, where the air openings may be blocked.
9. Do not overload electrical outlet. Use only the power source as indicated.
10. Do not carry this unit by cord or use cord as handle.
11. Never operate this unit if it has a damaged cord or plug, if it is not working properly, or if it has been dropped or damaged, or dropped into water. If the unit's power supply cord or plug is damaged, do not attempt to fix it yourself.
12. To avoid the risk of electric shock, do not disassemble or attempt to repair the unit. Incorrect repair can cause risk of electric shock or injury to persons when unit is used.
13. Do not operate in the presence of explosive and/or flammable fumes.
14. Never remove the plug from the socket by pulling the power cord.
15. Clean only with dry cloth.
16. Do not stick alcohol such as detergent to clean with wet cloth lens.

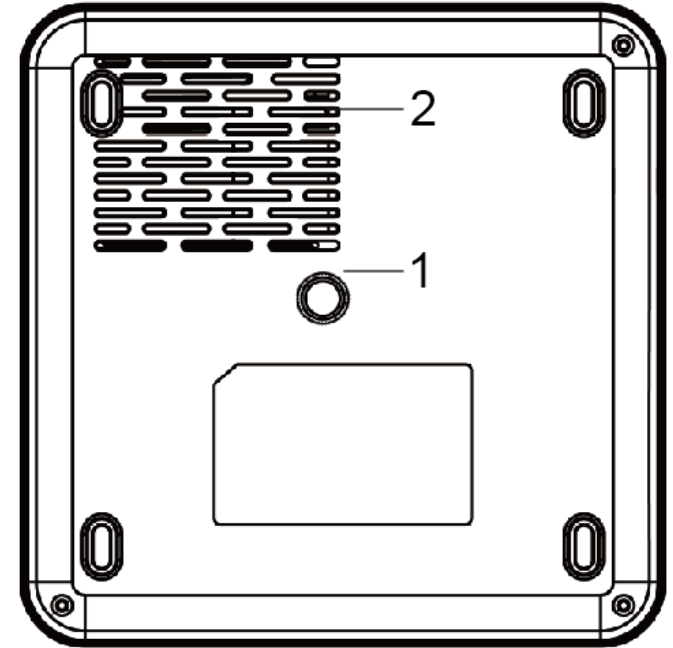
Layout and Control

Top View

- 1 Menu
- 2 Left, Right, Down, Up
- 3 (Return to previous menu)
- 4 OK
- 5 Capacitive touch area



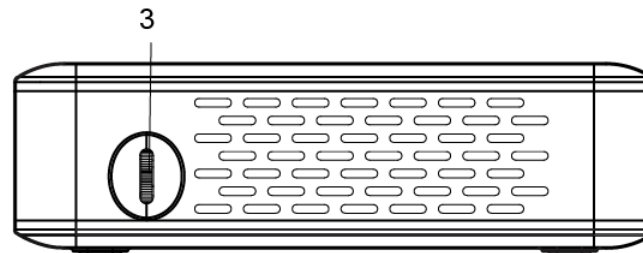
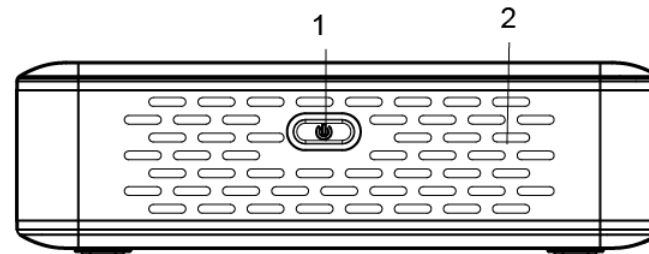
Top view



Bottom view

Right view & Left view

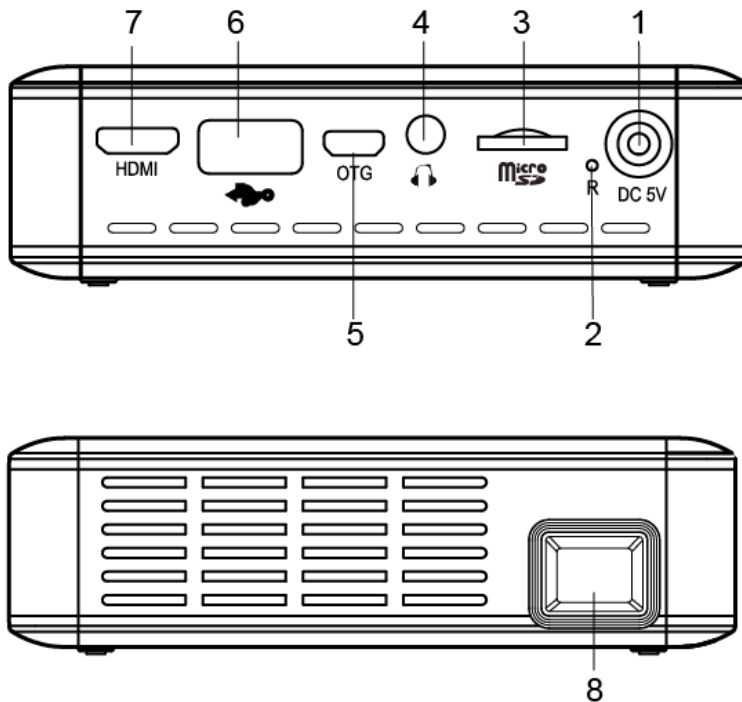
- 1 Power ON/OFF
- 2 Outtake
- 3 Focus adjustment



Layout and Control

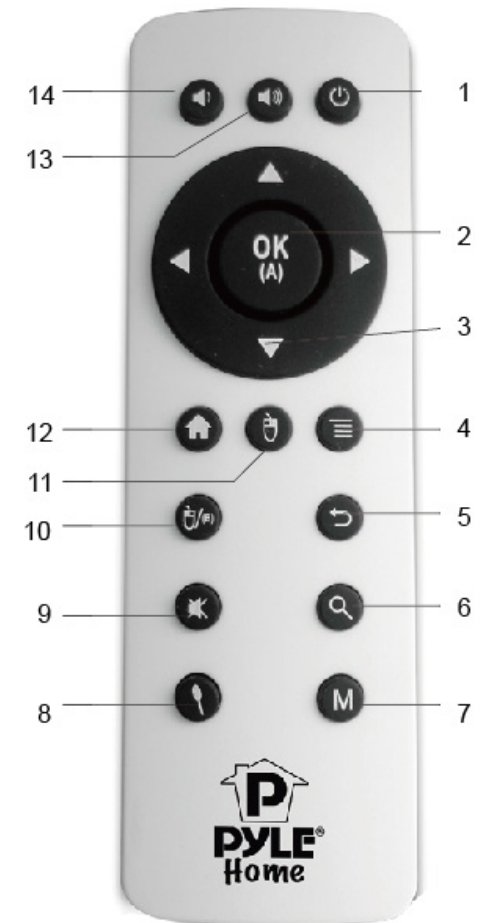
Front view & Rear view

- 1 Power Input: DC 5V/4A
- 2 Reset
- 3 Micro SD Card Slot
- 4 Headphone Jack
- 5 USB - Micro
- 6 USB - Standard
- 7 HDMI Mini
- 8 Projector Lamp



Remote Control

- 1 Power
- 2 OK(A)
- 3 Right, Left, Down, Up
- 4 Menu
- 5 Back
- 6 Search
- 7 Mode
- 8 Mouse/Motion Game switch
- 9 Mute
- 10 Mouse Left Click(B)
- 11 Mouse Right Click
- 12 Home
- 13 Volume +
- 14 Volume -



Projector Installation / Placement

1.To install, after a vote of the geometry distortion in image will not appear in trapezoidal state, the projector should be placed in a horizontal position (e.g., flat on the table), and perpendicular to the center of the screen (90 ° right-angle direction).

2.The projector can display media just about anywhere! However, for the best quality, we suggest you find a light colored wall (preferably smooth and white) and place the projector with its lens facing the location. The projector can show media up to 100", just move the projector towards and away from the wall to adjust the size of the picture. Dimming room lights will also add to viewing quality.

3.The distance between the projector and screen (optimum/preferred ranges):

| Screen Diagonal Size: | Projection distance |
|-----------------------|---------------------|
| 40 inch, 101.6cm | 55.9 inch, 142cm |
| 60 inch, 152.4cm | 83.86 inch, 213cm |
| 80 inch, 203.2cm | 111.8 inch, 284cm |
| 100 inch, 254cm | 139.76 inch, 355cm |

Charging the Projector

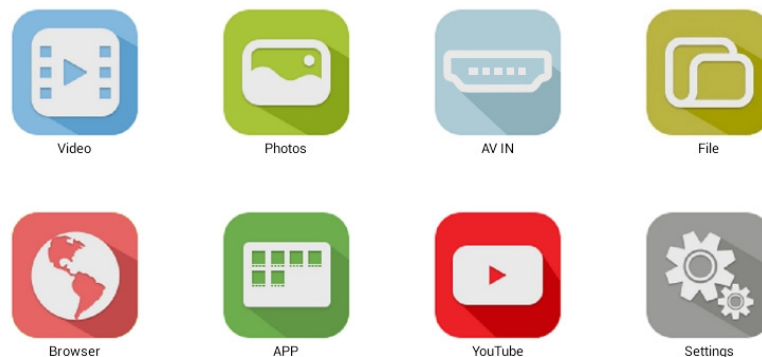
1. The projector is charged using the included AC Adapter.
2. The LED Indicator Light will illuminate Red to indicate that the projector is currently charging and then revert to Green when the projector is fully charged.
Important: It takes approximately 3 to 5 hours to fully charge the projector for the first use, and the approximate working time is 2 hours.
3. A low battery icon will show on the screen when the projector battery is low. Use the included AC Adapter to charge your projector. If the battery is too low, the projector will automatically shut off.
4. If you use the USB Interface to power the device, the unit will not power on and only charge (due to the lack of required power received).

Start up the projector


1. Connect one end of the AC Adapter to the Projector 5V port and plug the other end into an electrical outlet (or you can also use the built-in battery inside machine to start the projector directly).
2. Push the Power button to turn on the projector and wait for the Android start screen to appear.

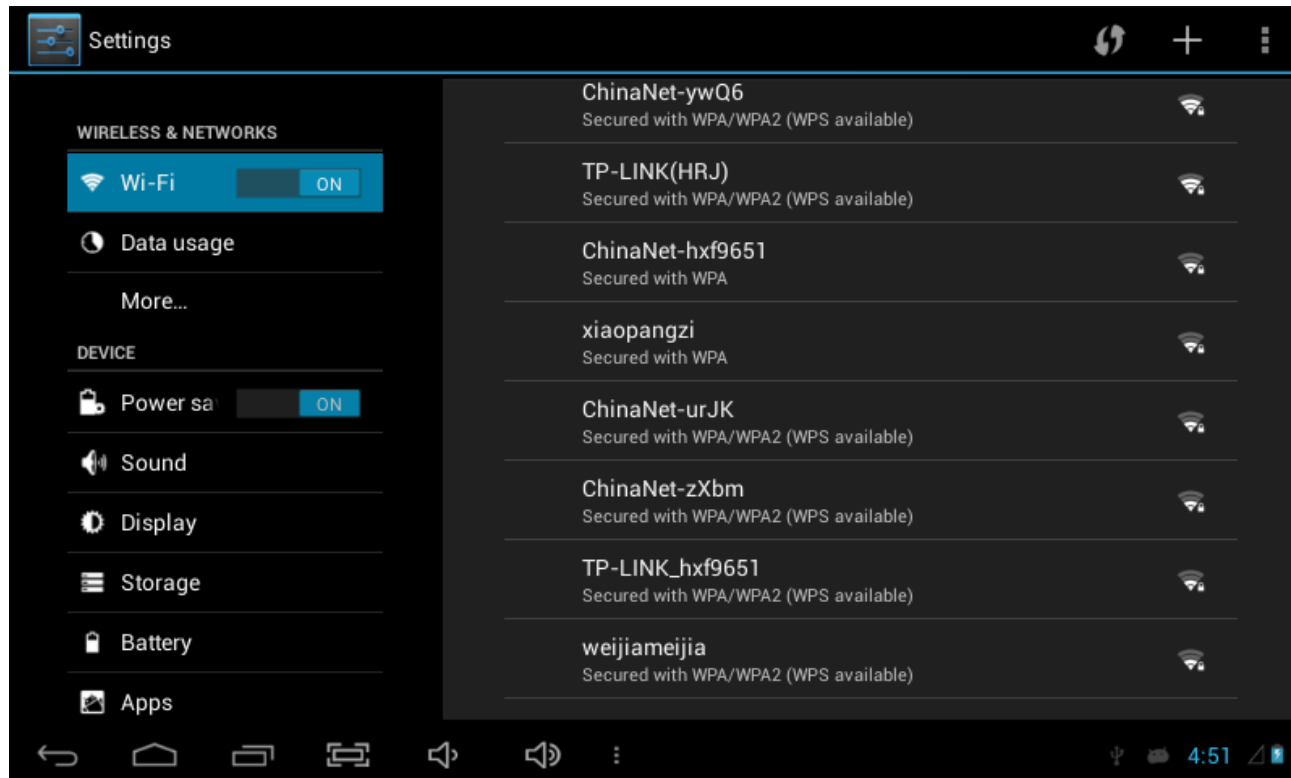
(Note: Manually adjust the focus by sliding up or down on the focus adjustment wheel to your setting display preference.)

Display Interface:



WIFI Setting



Click the settings  icon to open the Android settings menu. In the 'Wi-Fi' content panel you can view the formerly used Wi-Fi networks, to research for new available networks, please press 'SCAN' located in the right top corner, the option 'ADD NETWORK' allows you to add a network by manually inputting the SSID network and security method. Make sure Wireless & Networks is switched to 'ON' prior to connecting. If a password is required, it will need to be typed in (a virtual keyboard will appear when you tap in the password field).




USB and Micro SD - Media Playback

Insert your flash memory into projector corresponding socket, click the play  icon to select from your multimedia list. You can use the top-located capacitive touch screen to navigate (just as you would use the touchpad of your laptop).

File Location and Navigation

With your finger in the capacitive touch screen area, move the cursor to the “Android” icon,  double-click the icon to confirm. Then to unlock additional system controls select the  icon.

Double-click the icon to confirm, move the cursor to the “File manager”  icon, double-click to confirm.


Video File Format Support: RM, RMVB, MPEG, MKV, AVI, MP4, MOV, FLV, H.263, H.264 3GP, DAT, VOB, TS, WMV

Audio File Format Support: MP3,WMA,MP2,AAC,M4A,MA4,FLAC,WAV

Application Installation

The projector allows you install android apps from Google Play, click the  icon to find and install apps.

Internet Browser

Click the  icon to visit the website, you can play video, music, game etc. online.

*For additional detailed product information and support, visit us @ www.PyleAudio.com

Trouble shooting

Q. The Projector doesn't show the video on the wall.

A. Recharge your device's battery. Also, check to see if the AV cable is fully inserted into the Projector and your device.

Q. The video showing on my wall is blurry.

A. Adjust the Focus Wheel on the Projector to fine-tune the picture. It may also depend on the surface on which you are attempting to show your video. Try moving to a location with a smoother wall surface.

Q. I cannot get my device to work at all with the projector and its battery is fully charged.

A. Make sure the cables are inserted into the correct ports and test connections.

Q. No signal - I am getting no input from my device.

A. Make sure your device is on - and fully charged.

Q. The system is abnormal.

A. Installing the 3rd party program may cause in failure operation, press RESET (near power connector) to reset the system.

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Model: **PRJAND820**

Versatile Next-Generation Technology & Features

Built-In Android Computer Operating System

Quick, Easy & Instant Multimedia Projection

Built-in Wi-Fi for High Speed Connectivity

Search and Download Your Favorite Apps

Wireless Internet Access, Web Surfing, Movies,

Games & Shopping

Built-in Bluetooth for Wireless Streaming

Works with all of Your Favorite Devices

(iPhone, Android, Smartphone, iPad, Tablet, PC, etc.)

Projects Audio, Video, Images and Document Files

USB Flash Drive and Micro SD Memory Card Readers

USB Doubles as Charge Port

Mini HDMI and Micro USB Connection Ports

Full High Definition Support up to 1080p

Built-in Rechargeable Battery

Projection Display Size: 5" - 120" inches

Built-in Speakers and Headphone Jack

Integrated Laptop-Style Mouse Touchpad

Touch Button Controls

Compact Pocket Size

Picture Customization: Adjust Image Quality, Focus,

Brightness, Zoom, & More

Manual Adjusting Focus Control

Works for PC & Mac

Accessories Included:

Remote Control Air Mouse

HDMI, USB and Micro USB Connection Cables

Power Adapter Wall Plug

Travel Case

Technical Specs:

Android 4.4 (KitKat) OS

Dual Core 1.3 GHz CPU Processor

1 GB DDR3 RAM

Built-in Memory: 8GB (NAND Flash) ROM

Air Mouse: Wireless RF 2.4 GHz

Bluetooth Version: 4.0

Bluetooth Wireless Range: 32 Feet

Wi-Fi: 802.11 b/g/n, Support DLNA

Battery Charge Time: 3 Hours

Brightness: 300 Lumens

Battery Type: 6000mah, Lithium (3.7V)

Projection Lighting Source: LED Lamp

Maximum Micro SD Card/USB Flash Support: 32GB

Projection Display Source: 0.3" DMD Tech

Maximum Output Resolution: 854 x 480

Audio Output: 1W+1W

Display Aspect: 16:9

Contrast: 1000:1

Recommended Viewing Distance: Between 9 - 16ft

File Compatibility Includes: AVI, MOV, DOC, XLS, PPT, PDF, MP3 & More!

Power: DC 5V, 4A

Dimensions (L x W x H): 4.1" x 4.1" x 1.2"

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