

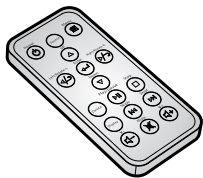
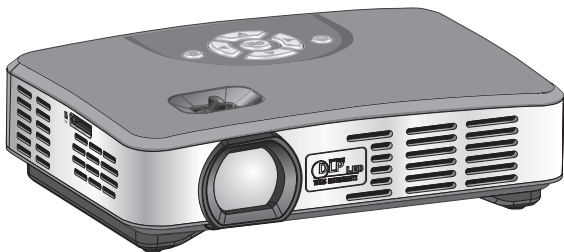
User manual

Smart Portable Projector



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1 Product introduction

S8 is based on Android operating system. It is capable of installing and using of application .With the built-in Wi-Fi module, it supports surfing the web, playing games online and downloading softwares. Users can use office software such as WORD, EXCEL, POWERPOINT, PDF to read or edit files.

It is easy for carrying. Users can watch wonderful screen in anytime. It supports reading audio, video (up to 1080p), pictures and text files stored in USB flash driver and external memory storage devices. And it's compatible with laptops, digital (video) cameras, game consoles (PS2/XBox/Wii), smartphones, DVD players, TV set-top box and etc.

It's your big-screen mate for family entertainment as well as a presentation tool for business meetings.

2 Specification

Project Technology	DLP
Native Resolution	WXGA(1280X800)
Aspect Ratio	16:10(4:3)
Brightness	400Lumens
NTSC	>100% NTSC
Uniformity	≥80%
Contrast Ratio	1000:1
Projection Size	19–115inches (It can be adjusted according to the light and project distance) 0.5M,19inches:1M,38inches:3M,115inches
Project Distance	0.5–3M
Len	F/#=2.1, f=12mm
Light Sources	RGB LED, the life is over 30,000Hours
Power Supply	AC 100–240V~ 50Hz/60Hz: DC 19V \equiv 3.42A;
Power consumption	35W
Speaker	3Wx1
Memory card capacity	32GB USB storage device/8G Built-in Flash
Input Interface	VGA: AV; HDMI: USB 2.0:TF card : OTG2.0
Headphone output	Φ3.5mm
Support media data formats	Office: WORD/EXCEL/PPT/PDF(Need to install office software by user) Video: MPEG, MPG, AVI, MP4, XVID, DAT, RM, RMVB, DIVX, H.264 Picture: JPG/JPEG/BMP/PNG Audio: MP3, WMA, WAV, AAC Support HD 720p, 1080p
Requirement Environment	Operating Temperature: 0 C~40 C; Operating relative humidity: 35%~85% (without condensation)
Weight	425g
Dimension	150mm×108mm×44mm
Standard Accessories	AC Adaptor, AC cable, VGA cable, Av cable, OTG cable, remote control, user manual

3 Package content



AC Adaptor



VGA cable



AV cable



OTG cable



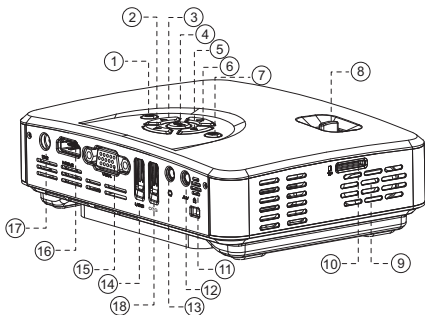
Remote control



User manual

4 Pico projector appearance and parts name

4.1 Pico projector

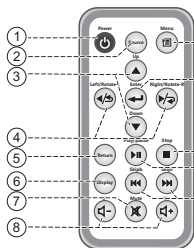


- | | |
|-----------|----------------|
| ① Power | ⑩ TF card slot |
| ② Down | ⑪ RC receptor |
| ③ Left | ⑫ AV IN |
| ④ Enter | ⑬ Earphone |
| ⑤ Right | ⑭ USB |
| ⑥ Up | ⑮ VGA |
| ⑦ Setup | ⑯ HDMI |
| ⑧ Focus | ⑰ DC in |
| ⑨ Speaker | ⑱ OTG |



- Focus button: when the image is not clear, use this key and adjust image effect, make image clearer.

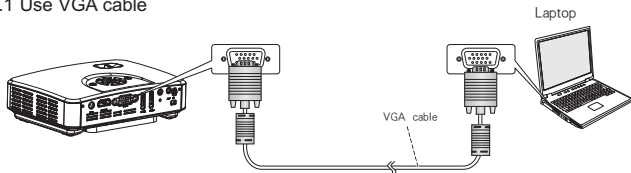
4.2 Remote control



- | | |
|------------------------|-----------------------|
| ① Power off button | ⑧ Volume +/- |
| ② Source switch button | ⑨ Menu button |
| ③ Up/Down button | ⑩ Enter button |
| ④ Left/Right button | ⑪ Stop button |
| ⑤ Return button | ⑫ Play/ Pause button |
| ⑥ Display button | ⑬ Skip button Up/Down |
| ⑦ Mute button | |

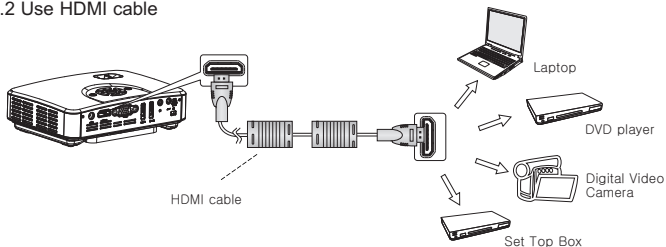
5 Using and connection

5.1 Use VGA cable



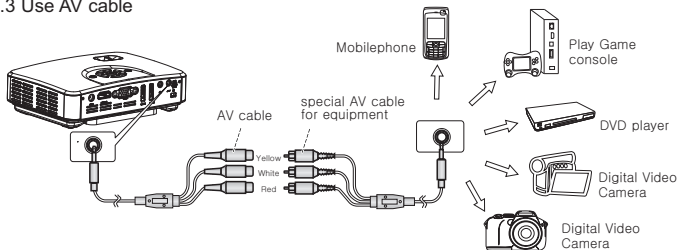
- The machine can support the biggest resolution 1920x1080, PC displayer, the biggest refresh frequency is 75Hz. Here we suggest that the best is 1080x800,60Hz.
- When connect PC, please press source switch key and choose PC-RGB, and then press Enter key into PC-RGB mode.
- Laptop images project by pico projector, please use operating key and change that, usually we use Fn key+ F5 key (Mark small icons, for example: "🖥️", "🖨️", "📄") for you reference.

5.2 Use HDMI cable



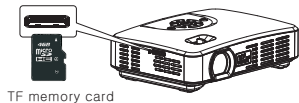
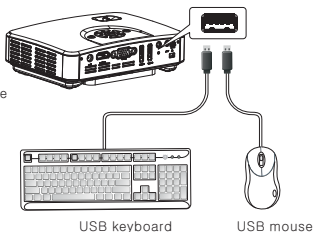
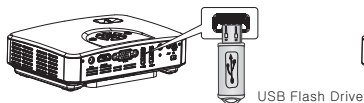
- Connect equipment, please press Source switch key and choose HDMI, and then press Enter key into HDMI mode.

5.3 Use AV cable



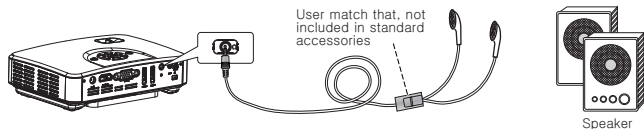
- When connect equipment, please press Source switch key and choose AV, and then press Enter key into AV mode.
- When connect mobilephone, AV mode only can use AV OUT or TV OUT if the mobilephone is able to connect AV cable.

5.4 USB/TF memory card data projection



● USB connect Mouse, keyboard and other USB memory devices, please "set" -> "note developer option" -> set operating mode to be host mode.

5.5 Connect earphone/speaker



6 Remote control function



Power On/Off key

- Operate on/off function.
- Short press to exit



Setup Key

- Set up menu.



Up button (enlarge, skip to previous files)

- When set up menu, operate upward function.
- When play video, press and choose previous file.
- When play audio, it owns fast rewind function.
- When play images, it will enlarge the files.
- When play text files, it can scroll the files up.



Left button (volume-, fast rewind)

- When set up menu, operate leftward function.
- When play video, it owns fast rewind function.
- When play images, every time press that, images will rotate 90° in anticlockwise way.
- When play text, press and choose previous file.
- Long press and volume decrease.



Enter button

- Sure the selected items.:
- Long press to source menu



Right button (volume+, fast forward)

- When set up menu, operate rightward function.
- When play audio, it owns fast forward function.
- When play images, every time press that, images will rotate 90° in clockwise way.
- When play text, press and choose next file.
- Long press and volume increase.



Down button (reduces , skip to next files)

- When set up menu, operate downward function.
- When play video, press and choose next file.
- When play audio, it owns fastforward function.
- When play images ,it will reduces the files.
- When play text files, it can scroll the files down.

7 Remote control function



Power Key

- Power off button.



Source switch button

- Connect PC-PC mode.
- Connect AV cable-AV mode.
- Use USB flash drive/TF memory card-Multimedia mode.
- Use HDMI cable-HDMI mode.



Menu Key

- Setup menu.



Up button

- When set up menu, the cursor move to the upper.
- When play audio, it owns fast rewind function.
- When play video, images files, it will enlarge images.
- When play text files, it can scroll the files up.

Left/Rotate-L



Left button

- When set up menu, the cursor move to left.
- When play video, it owns fast rewind function.
- When play images, every time press that, images will rotate 90° in anticlockwise way.

Enter



Enter button

- Sure the selected items
- When play video, images, functional menu come out, and then make operation.

Right/Rotate-R



Right buttons

- When set up menu, the cursor move to right.
- When play video, it owns fast forward function.
- When play images, every time press that, images will rotate 90° in clockwise way.
- When play text files, it can play the next files.

Down



Down button

- When set up menu, the cursor down.
- When play audio, it owns fast forward function.
- When play video, images files, it will reduce images.
- When play text files, it can scroll the files down.



Return button

- Exit the current state and back to the previous page.

Play/Pause



Play/Pause button

- Play/Pause function



Return Stop button

- Stop function



Display button

- Data display when play video /images information.

Skipb



Skipb button

- Choose the previous files



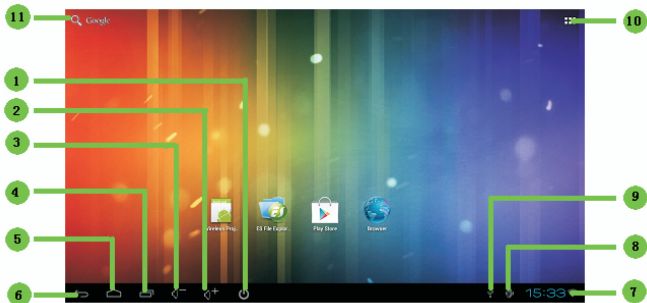
Skipf button

- Choose the next files



8 Desktop and Wallpaper

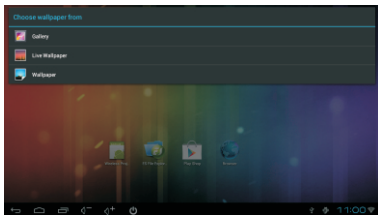
8.1 Desktop



- ① Long press to power off
- ② Click volume up
- ③ Click volume down
- ④ Click check history
- ⑤ Click return to desktop
- ⑥ Click back space
- ⑦ Click to check wifi, settings, usb function
- ⑧ Android setting icon
- ⑨ USB setting icon
- ⑩ Click enter into application interface
- ⑪ Click and search application or browse internet


8.2 Wallpaper

- ◆ Under Desktop UI, long press mouse leftkey and set a wallpaper.
- ◆ By clicking wallpaper or live wallpaper, user can choose wallpaper from system.
- ◆ By clicking Photo storage, user can choose wallpaper from memory devices.



9 Setting System

9.1 Setting

◆ Click digital clock icon which located in desktop bottom right corner, and then click from display menu,  > "setting" get into setting interface.




◆ Click  > Setting and get into setting interface.

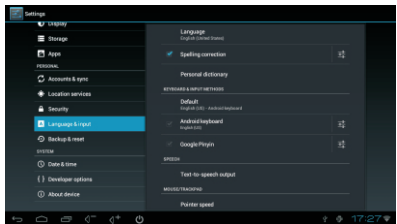
Under setting menu, user can check below setting and status.

- WI-FI
- Display
- Setting/ Storage
- App
- Accounts&sync
- Location services
- Security
- Language&input
- Backup&reset
- Data&time
- Developer options
- About device





9.2 Setting input method

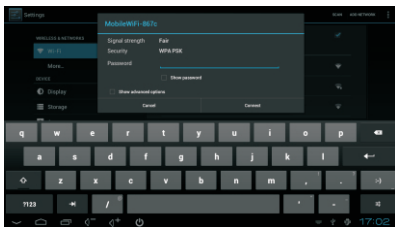
◆ Click  > setting > language & input, enter to set language and input method. Click "default" on the right to choose one of them. "Android keyboard" is pure English input method.



10 Network application

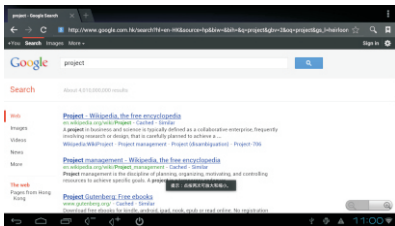
10.1 Connect WiFi

- ◆ Click  “setting” -> “wireless & networks”, click “Wi-Fi” to open wireless network;
- ◆ Click “Wi-Fi setting”  -> “network notification” to list all searched wireless router ;
- ◆ Click the wireless router, connect network according to guidance, if it is encrypted, input password;
- ◆ Through the icon above to check connection status and signal strength.




10.2 Browsing webpage

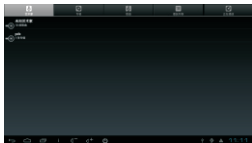
- ◆ Click “browser”, input website in the address bar to browse ;
- ◆ It is convenient that you can click the webpage to drag it. ;
- ◆ When drag the webpage, a toolbar pops up below, click the icon to zoom in or zoom out the webpage ;
- ◆ When edit or send e-mail through the browser, choose plain txt to edit the main body.




11 Multimedia function

11.1 Music play

- ◆ Click  > “Music” to enter the music play page, system will list all relevant files stored in the built-in flash drive and USB storage device, you can play any one.





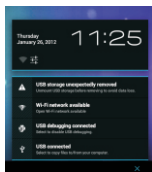
11.2 Photo and video

- ◆ Click  > “Gallery” to enter the music play page, system will list all relevant files stored in the built-in flash drive and USB storage device, you can play any sony.

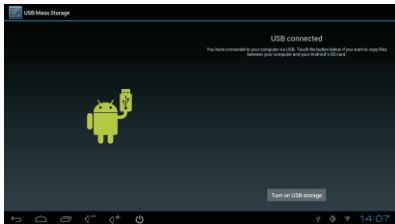


12 OTG application

- ◆ Use USB cable, to connect the device and computer
- ◆ Click  > “Settings” > Developer options, select the “USB debugging ” on the right, and set to “OTG Control” to slave mode ;
- ◆ When it is connected, status bar show , click to pull down the status, Select to copy files to/from your computer.



- ◆ Go into it and click “Turn on USB storage”, you can then operate after the device is detected.



13 Install, uninstall, run application

13.1 Download and Install application


- ◆ Click “Play Store” on the desktop and creat Google account according to the instruction, you can then install the application on line.
- ◆ Using the internal browse to install online.
- ◆ Using third party software to download and install.

Notice: Install non-Play Store software, Please select Settings > Security “Unkown sources”, or it can't be installed.





13.2 Uninstall application

- ◆ Click  > “Settings”> Apps > “DOWNLOADED” find the app need to be uninstalled, click “Uninstall” the app will be removed.

13.3 Run application

- ◆ Find app needed, and click to run it. Installation completed, prompt “open” or “done”, click “open” will run the app.
- ◆ Click  “app”, find app needed, and click to run it.

14 E-mail

- ◆ Click  > “Email” and fill the Email account and password according to the instruction. Noted to modify the port NO “518” to “25”, complete the setup;
- ◆ After successfully set up the email account, click  > “Email” to enter the Email page, click  on the right to edit and send the email. Click  on the right to refresh the inbox and read the email.

15 Input source

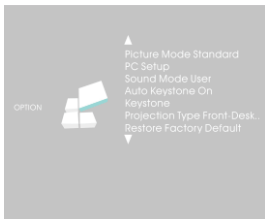
Press OK for a long time or using source button on the remote to enter the source selection menu:

1. AV: AV source input: Using the specific AV cable of the device to connect to any device with AV output function, such as STB, HD player, Smartphone or camera.
2. Android: the internal android system; enter the android system can play Audio/video playback, web browsing, email, and run other Android applications.
3. HDMI: HDMI source input: using the right HDMI cable to connect device with HDMI output, such as laptop, DVD, HD player, Smartphone etc.
4. PC-RGB: VGA source input, Using the included VGA cable to connect device with VGA output, such as laptop, HD player.



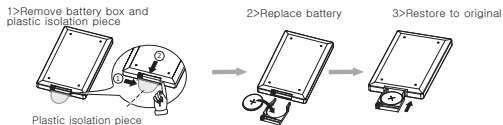
16 Setup Menu

1. Photo mode setup: To adjust the devices' display mode: standard mode, Dynamic Mode, User mode.
2. PC connection setup: using to setup right resolution when connecting to laptop's VGA input.
3. Sound mode setup: adjust sound mode: standard mode, Music mode, Movie mode, Sports mode, User mode.
4. keystone correction set up: ON/OFF keystone correction.
5. Projection method setup: desk front projection, desk rear projection, suspend front projection, suspend rear projection.
6. default setup: recover to default setup or not.



17 Battery installation of remote control

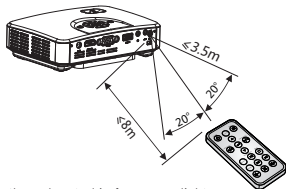
The battery installed well before selling. But in order to prevent discharge, we use plastic isolation piece separate battery and remote control. Before using please remove the plastic isolation piece. Replace battery, please do that according to the below steps.



Notice: In the first part, press button toward arrow, press the second part button and then get it out.

18 Operation range of remote control

- Remote control points to pico projector accept position. Operate that, please refer to the photos.
- When press operation button and operate that, it is still difficult to do that, please replace new battery. Battery life is one year.
- If you don't use remote control for a long time, please remove battery.
- The longest receive distance is 8M in maximum horizontal, Oblique angle 20 the biggest receive distance is 3.5M.



Notice: If remote control accept position suffer the sunlight directly, or located in frequency light near and it is easy to make wrong operation, please change your position.

19 Trouble shooting

Symptoms	Reasons	Solution
Pico projector can't be turned on	No power	Ensure the AC power adapter is properly connected
Images are not clear	The lens is not focused correctly	Adjust the focus knob
	The screen is not aligned properly	Adjust Pico projector position(0.5-3M, it is suitable)
NO images	Operate USB Flash Drive/smart mobilephone micro-SD card, the methods of operation are not correct	Please read specification the multimedia function part and find the right connect way.
	The input signal device is not connected with the projector correctly	Check the connect interface again.
	The input signal isn't selected correctly.	By pico projector or remote control source button, and then choose the right signal input source.
The whole machine not work	The system crashes	Power off to restart
Cannot get online	Wi-Fi is not connected/no signal/weak signal	Set Wi-Fi according to user manual/move to anywhere has strong signal
Cannot open the office files or videos	Need install support application by user	User can download apps from Android market

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

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The antenna(s) 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.

Smart Portable Projector