Operation Instructions

Contents

1. Product Overview

Omitted.

2. Product Parameters

2.1 Optical Parameters

Display technology	DLP 0.3EM" single DMD panel by the US company Texas Instruments
Project light source	LED (R, G, B)
Projection resolution	854×480
Focal length of the lens	8mm
Off-axis	0%
Focus mode	Manual back-and-forth slide
Throw ratio	1.19:1 (distance/width)
Projected screen size	20-100 inches (diagonal line)
Aspect ratio	16:9
Brightness	<1000LM@3W
Contrast	1000:1
Distortion	<1.0%
Uniformity	>85%
LED service life	>20000 hours

2.2 Software and Hardware Parameters

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Operating system	Android 4.1
Language	Multiple languages
Supported files	Word documents, Excel workbooks, PowerPoint presentations, PDF files, text files, web browsers, Google Play, common files in office work etc.
Video formats	All common formats, including RM, RMVB, MPG, DAT, MPEG1.2.4, AVI, WMV, 3GP, ASF, MOV etc.
Audio formats	All common formats including MP3, WMA, FLAC, APE, WAV, OGG, ACC etc.
Image formats	BMP, GIF, JPEG, JPG, TGA, EXIF, FPX, SVG, PSD, CDR, PCD, PNG etc.
Throw distance	20-300cm
Wireless networking	Wi-Fi
Bluetooth	Bluetooth 2.0 or above
Speakers	2 built-in stereo speakers (1W)
Operation mode	Touchscreen, touch buttons, and mechanical buttons
Ports	Micro USB, TF card slot, audio jack, DC jack
Mouse and keyboard	External mouse and keyboard via OTG-USB or Bluetooth
CPU	ATM7029; quad-core ARM Cortex-A7 , 1.2GHz
LCD	7 inch, with a resolution of 1024×600 Touchscreen: 5-point capacitive touchscreen
G-sensor	3-axis gravity sensor
Cameras	Front camera (30W), rear camera (200W)
Power consumption	5.5W
Battery	4800mAh
TF card	External TF card up to 32GB
Internal storage	8GB/16G (dependent on the actual product)
Battery life	3 hours for projector playback
	5.5 hours for tablet playback
Power adapter	5V DC/2.4A

3. Projector Component Names
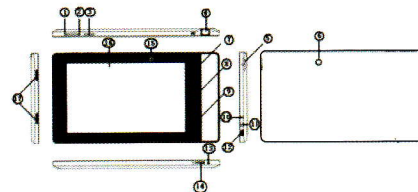
Figure 3.1

1. Volume down	2. Volume up	3. Power
4. Projector lens	5. Focus knob	6. Rear camera
7. Projector toggle	8. Home	9. Return
10. DC jack	11. Audio jack	12. microUSB slot
13. Microphone jack	14. TF card slot	15. Front camera
16. LCD display	17. Built-in speakers	

Note: **When you see blurry projected images, use the focus knob to adjust the focal length.**
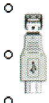
4. Connection and Usage

4.1 Audio Connection

Connect a set of earpieces or speakers to the audio jack via a standard 3.5mm audio cable.
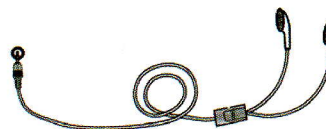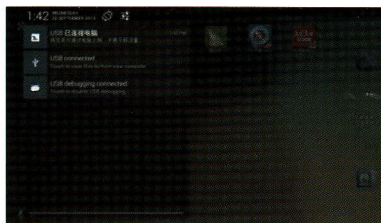

te: No speakers ship with this product.

4.2 microUSB Connection and Data Storage

To use microUSB, connect the projector to a computer via the microUSB cable when the projector is on, and a notification will appear in the upper left corner of the computer's screen.

◆ Verify that a connection has been set up successfully, and slide down on the screen.

Click , and then click "Connect USB storage". Double-click "My Computer", and you can see a drive for the projector. Open this drive to perform file operations, for example, copying or deleting files;

◆ Use the safe removal function when you want to end the micro USB connection. Unplugging the microUSB cable may cause damage to the system.

Note: The software of this product occupies about 1GB of the computer's memory.

4.3 TF Card Slot

As marked by the number 14 in Figure 3.1, the TF card slot supports standard TF cards. The maximum capacity of a TF card installed in this slot is 32GB.

5. Button Functions

Figure 3.1 shows the buttons, whose functions are as follows:

1. Volume down: Press this button to turn down the volume.
2. Volume up: Press this button to turn up the volume.

3. Projector toggle: Use this button to toggle between three display states: both projector and LCD on, projector on and LCD off, and projector off and LCD on. The default state is projector off and LCD on.
4. Home: Short-press this button to return to the Home screen. Long-press this button to invoke the process menu, where you can end unwanted processes.
5. Return: Short-press this button to return back to parent directory.
6. **Focus knob: If you see blurry projected images, adjust the focus knob back and forth until the images become clear**.
7. Power: When the projector is off, press this button for 2 seconds to turn it on. When the projector is on, short-press this button to turn off the screen and put the projector on standby, or press this button for 2 seconds to choose between three operations shown in the figure below. When the projector is on standby, short-press this button to wake it up.
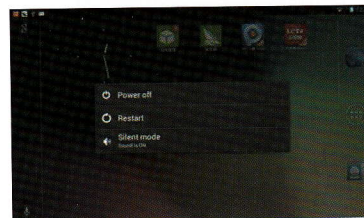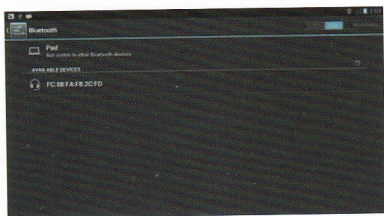

6. Desktop and Wallpaper

6.1 Desktop

Long-press the Power button, and the following screen appears.
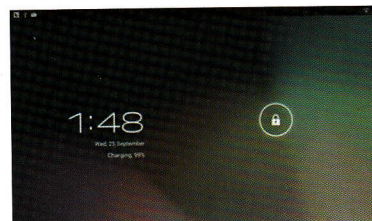
◆ Tap [Bluetooth] to search for Bluetooth devices. All detected Bluetooth devices will be automatically listed.
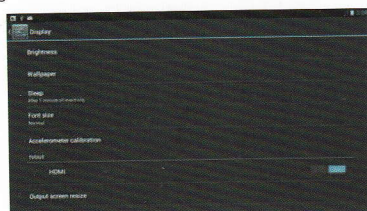
◆ Select the matching Bluetooth device.

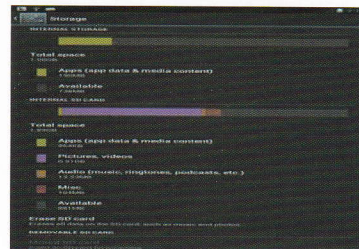## 7.2 Device Settings and Information

Sound Settings

Tap "Sound" to change the volume and set other sound options.
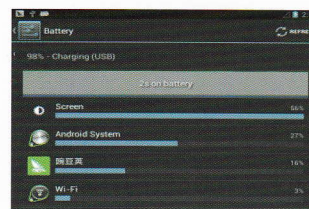
Display Settings

Tap "Display" to set brightness, wallpapers, sleep options, font sizes, and accelerometer calibration.

Storage

Tap "Storage" to view the usage status of the internal and external storage.
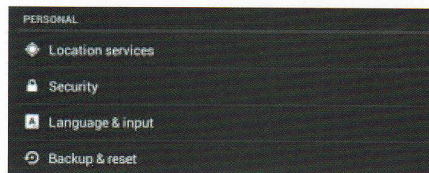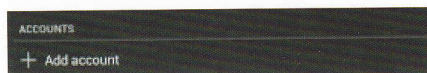
Battery

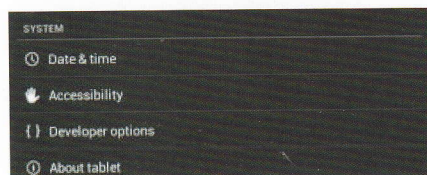Tap "Battery" to check the remaining battery power and usage statistics.

Apps

7.3 Personal Settings

Accounts
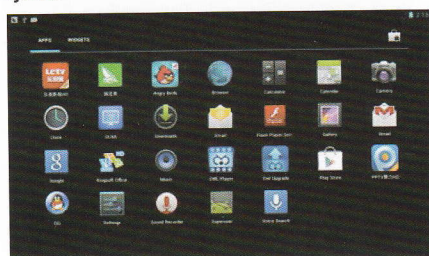

System

☛Note: **When you reset to the factory defaults, all user data will be lost. Back up necessary data in advance**.

8. Product Functions

8.1 Video Playback

This product ships with the OWL player.

Video files on the TF card are automatically scanned for. Tap a video file to play it. You can play video files in up to 4 windows simultaneously.

◆ When you use the projector, the LCD does not need to be on. In this case, you can slide up and down the rightmost portion of the LCD to turn the volume up and down, and you can slide left and right the lowermost portion of the LCD to fast-forward and rewind.

Music Playback
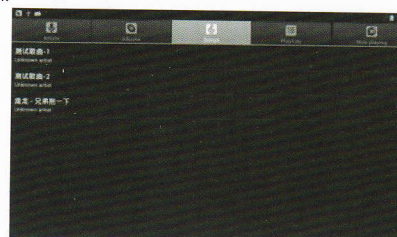
Tap "Songs", and then tap the song you want to play.

Cameras

Tap the right place to turn on cameras. Tap to toggle between the front camera and the rear camera. Tap the right icon in to choose between photo-taking and video recording.After the files are saved, they will be displayed in . Tap a file to view or play it.

Pictures

Tap "Gallery" to enter. Choose an album, and tap a picture or video you want to view or play.

8.2 Web Browser

◆ Check that Wi-Fi is enabled and a connection has been set up.

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◆ Tap "Browser" on the desktop. To visit a web address, enter the address in the address bar.
◆ You can press and drag a webpage to facilitate browsing.
◆ When you use the browser to compile an email, use plain text for the email body.

Voice Search

Tap the microphone icon, and speak into the microphone jack. The system will automatically recognize your words and search for relevant web pages.

8.3 Onlien Media
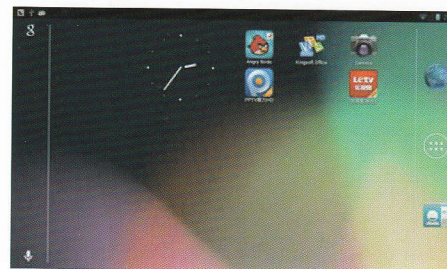
◆ Check that Wi-Fi is enabled and a connection has been set up.
◆ Tap "Online Media", and a list will appear to show commonly used online media apps.

Choose the online media app you like, and search for the videos you want to watch.

☛Note: Network media resources may not be up to date. Therefore, the latest movies may not be found.

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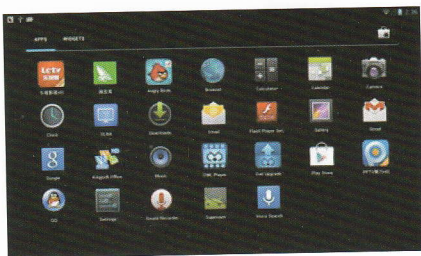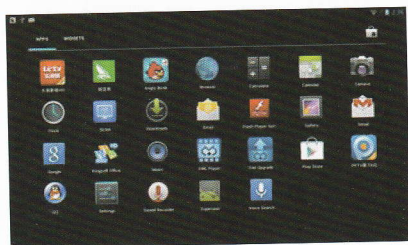## 8.4 Office Use

Choose WPS Office from the apps. With WPS Office, you can view and edit Word, Excel, PowerPoint and PDF files.

8.5 Apps

◆ Tap [icon] in the upper right corner of the desktop to enter the Apps screen.

◆ Here, you can find all factory-installed and user-installed apps.
◆ Click the icon of an app with the left button of the mouse to run this app.
Click the right button of the mouse to exit the app.
◆ Click and hold on the icon of an app to create a shortcut to this app on the Home screen.

9. Installing, Uninstalling, and Running Apps

9.1 Installing Apps

◆ Use third-party software to install apps.
◆ You can use the built-in Marketplace or Wandoujia to install apps online. Alternatively, you can use the built-in browser to download apps and install them.

☛Note: If you want to install apps from sources other than Marketplace, tap Settings -> Security, and check Unknown Sources. Otherwise, such apps cannot be installed.

☛Note: You need to create an account before you can download apps from Marketplace.

9.2 Uninstalling Apps
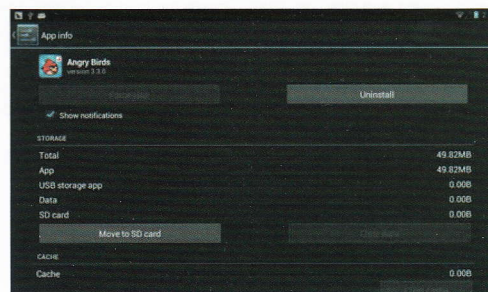
◆ Tap Settings -> Apps. Locate the app you want to uninstall, and tap "Uninstall".

9.3 Running Apps
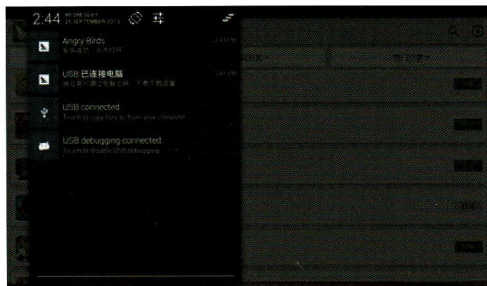
◆ When an app has been installed, a dialog box appears providing two options: "Run" or "Done". Tap "Run" to run the app.

◆ If you want to run the app later, tap ⬡ , locate the icon of the app, and tap it.

Long-press the icon of an app to pull it onto the Home screen.

10. OTG Apps

OTG is the abbreviation for On-The-Go. It is mainly used for the connections between various different devices or mobile devices for data exchange.
◆ To use OTG, please make sure this projector is in normal working condition.

11. Email

◆ Tap the " ⬡ " icon -> "Email". Set up an email account by following instructions.

◆ After successfully setting the Email account, tap "Apps" -> "Email". Enter the inbox, use the function menu to compile an email. You can also edit the account settings.

◆ Tap "Enter" to perform such operations as replying, forwarding, opening attachments etc.

Note: for other operation instructions, refer to the operations on the Android operating system.

12. Battery Charging

This product has a built-in high-capacity, rechargeable Lithium polymer battery. When the battery is low, connect the adaptor to charge it. It will take about 5 hours to fully charge the battery.

When battery charging is going on, three blue indicators flash one by one. When the battery is about 30% charged, one indicator will stay on. When the battery is fully charged, all indicators will stay on.

If the user forcibly power on the product when the battery is low, the projected screen may be in the wrong color or flicker. At this time, the battery need to be promptly charged or the product needs to be promptly connected to the power adaptor.

☞Note: The built-in battery must not be disassembled. Charge the battery with the power adaptor configured for this product.

13. Troubleshooting

Symptom	Cause	Solution
The projector cannot be powered on.	The power cable is not connected.	Insert the plug of the power adaptor into the AC outlet. Insert the other end into the DC jack of the projector;
	The battery is low.	Charge the battery with the power adaptor.
Images are blurry.	The projector lens is not correctly focused.	Adjust the focus length with the focus knob.
	The projector is not correctly aimed at the screen.	Adjust the position of the projector.
No image	Data on the USB device or TF card cannot be read.	Re-plug the USB device or TF card.
The whole machine cannot be operated.	The system has stopped responding.	Long-press the Power button for 10-15s to reset the projector.
Networking failure	No Wi-Fi settings/No Wi-Fi signal/poor Wi-Fi signal	Set the Wi-Fi networking function following the operation instructions, or move the projector where there are strong Wi-Fi signals.
Office files and video files cannot be opened.	No software supporting the files is installed.	The user may download and install the relevant software from Wandoujia or Android Marketplace.
The screen is in the wrong color or flickers.	The battery is low.	Charge the battery with the power adaptor.

Disclaimers:

1. Thank you for purchasing our product. Please carefully read this manual before using it.
2. Please carefully complete "Warranty Card" when you purchase the product and have the card affixed with the official seal by the dealer for facilitating our provision of better services to you. To get maintenance services, you need to carry and show this card (a photocopy is invalid).
3. The operation legends and information on such legends for the product are for demonstration purposes and just for reference.
4. Please strictly observe the country's relevant laws and regulations when you use this product. Please pay attention to the requirements for third-party software applications. We will not bear any legal responsibility for any direct or indirect losses on the part of the user or a third party due to the use of third-party software.
5. The user shall not power on the product without permission if he or she found any abnormalities during its operation. Please call our Customer Service for help in such cases; otherwise, we will assume no responsibility for possible consequences.
6. We will not be responsible for the repair of any damage to the product caused by the operation not in compliance with the operation instructions. If repair is needed in the above mentioned circumstance, we will provide repair services at prices determined according to actual situations.
7. The warranty period of this projector follow the country's relevant regulations.