Product Manual

screen mirroring edition

The actual product may slightly differ from this manual due to continuous improvement and please refer to the actual product.

FCC Warning
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.

NOTE: 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.

Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

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Introduction

1. Product features

1.1 Air-proof design and efficient cooling channels can greatly enhance the overall stability and service life;

1.2 LED lamp with a service life of 100000 hours, more beautiful colors and richer details;

1.3 Electronic zooming function allows free adjustment of image sizes;

1.4 Professional failure diagnosis and protective measures;

1.5 The whole machine is compact and portable;

1.6 Available image models of 16：9 and 4：3;

1.7 Ultra-quiet and dust-proof design that eliminates the need for internal cleaning during its service life;

1.8 65W ultra-low power consumption, more energy-efficient and more environmentally friendly;

1.9 Multiple functional interfaces: HD/SD/USB/AV/VGA/AUDIO OUT;

1.10 The appearance is beautiful and gorgeous.

Introduction

2. Precautions

1. Please read this manual carefully before using the projector;
2. In order to ensure the stability of the power supply of this projector, please use a power supply line that meets the national power consumption standard and a power socket with protective measures such as grounding;
3. Please use the power type indicated on the projector and the power line included for power supply;
4. Do not disassemble or modify the projector by yourself, or the Company will not offer free warranty service;
5. Do not look directly into the projector lens while it is working, or it will burn your eyes；
6. Do not place the projector on objects such as cloth or blankets that may cause the vents to be blocked;
7. The product is not waterproof and should avoid being watered or splashed, and objects filled with liquid shall not be placed near the product such as vases or cups;
8. To prevent electric shock, please protect the projector from rain or dampness;
9. Please turn off the power supply and disconnect the power line from the plug if the projector is not used for a long time;
10. Please use the original foam and other vibration-proof materials when transporting the product;
11. If the product is damaged, do not attempt to repair it yourself. Please contact the dealer.

3.List of accessories included

Product Manual	x1	Mirror cloth	x1
Remote controller	x1	HD line	x1
Power cable	x1	Handbag	x1
3-in-1 video line	x1		

Introduction

4.Multimedia support play format

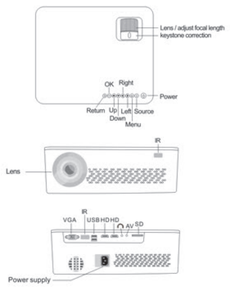
Media	File Ext.	Codec: Video	Codec: Audio	Remark
Movie	. mpg	MPEG-1,MPEG-2	Mp3, WMA, AAC,AC3	Max Solution: 1920×1080 Max Data Rate: 40Mbps
	. avi	DivX, Xvid, MJPEG, MPEG-4 SP/ASP, H.264		Max Solution: 1920×1080 Max Data Rate: 20 Mbps
	. ts	MPEG-2、H.264		
	. mov/ .mkv	MPEG-4 SP/ASP, H.264		
	. dat	MPEG-1		
	. mp4	MPEG-4 SP/ASP, H.264		
		MPEG-1、MPEG-2		Max Solution: 720×576 Max Data Rate: 40 Mbps
	. vob	MPEG-2		
Music	. mp3		Mp3	Sample Rate: 8K~48KHz Bit Rate: 32K~320Kbps Channel: Mono/Stereo
	. wma		WMA	
	. m4a/ .aac		AAC	Sample Rate: 16K~48KHz Bit Rate: 32K~442Kbps Channel: Mono/Stereo
Photo	. jpg/ .jpeg	Progressive JPEG		Max Resolution: 1024×768
		Baseline JPEG		Max Resolution: 8192×8192
	. bmp	BMP		Max Resolution: 6500×6500 Pixel Depth: 1/4/8/16/24/32bpp
	. png	Non-Interlaced		Max Resolution: 3000×3000
		Interlaced		Max Resolution: 1500×1500

File system: Hi Speed FS, FAT32, FAT16, NTFS(NTFS compressed file is not supported).
Note: Licenses are required for DivX, MPEG, H.264, AC3, MP3, WMA and AAC.

Introduction

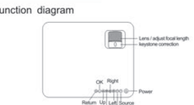
5、Product function structure diagram

Button function



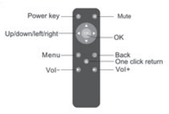
Introduction

6.Key function diagram



Left: used to move to the left, confirm the signal source channel, or lower the volume
Right: used to move to the right, or increase the volume
Up: used to move upward
Down: used to move downward
Menu: used to select functions
Signal sources: used to select the input channel of the signal
Power key: ON/OFF key
Play/Pause: used to play and pause when playing files, pictures and videos on USB flash disk

7.Remote control keys and functions

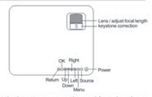


How to quickly install and debug the projector
Installation and debugging

1 Projector installation

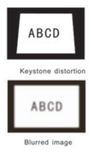
Place horizontally

2 Focal length setting



Adjust the keystone correction and focusing ring on the projector to obtain the satisfactory imaging effect.
When keystone distortion occurs (see Figure 1 on the right), it is recommended to adjust the keystone correction ring.
When the image is blurred (see Figure 2 on the right), it is recommended to adjust the focusing ring to improve the clarity of the image.
If satisfactory clarity cannot be achieved through adjustment, move the product forward or backward.

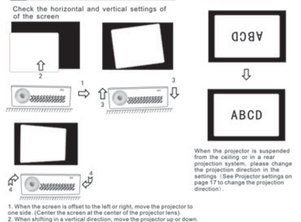
! Precaution



How to quickly install and debug the projector
Installation and debugging

3 Adjust the image projected onto the screen

Check the horizontal and vertical settings of of the screen



1. When the screen is offset to the left or right, move the projector to one side. (Center the screen at the center of the projector lens).
2. When shifting in a vertical direction, move the projector up or down.
3. If there is an angular offset, place the projector on a horizontal plane.
4. If the projection screen is as shown in the figure, it indicates that the projector does not face the screen directly. Please turn the projector to face the screen.

! Precaution

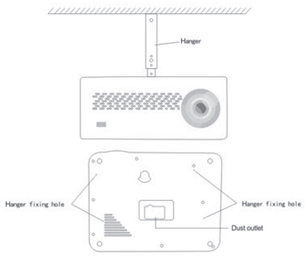
When the projector is suspended from the ceiling or in a rear projection system, please change the projection mode in the menu settings. (See Projector settings on page 17 to change the projection direction).

4 Startup & Shutdown

1. 5 seconds after power-on, press the key ● on the projector panel or the remote controller to turn on the device.
2. Press the key ● on the projector control panel or the remote control to turn off the device as prompted by the system. When the machine is turned off, unplug the power line in time to save energy.

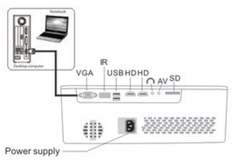
How to quickly install and debug the projector
Installation and debugging

When Instal the projector,please use the hanger and screw of sufficient strength, so as to avoid projector falling accident If the quality of screw or screw in depth is not enough.



How to quickly install and debug the projector
Installation and debugging

VGA input socket:from the port can be connected to a computer or other with VGA video signal output socket.



Note：when the projector and the connected laptop may not be able to display the image at the same time,if this occurs,please set the computer display properties, select the CRT output mode.

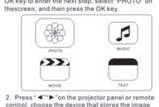
How to quickly install and debug the projector
Signal source switch

After power on, select the corresponding signal source on the desktop and press OK key to open it, or press Projector "S" signal source key to find the corresponding signal source and press OK key to enter

Start to use
Play pictures

Play the picture files on the storage according to the following steps

1. To open the image, after the projector is turned on, select USB1 or USB2 on the desktop, press the OK key to enter the next step, select "PHOTO" on thescreen, and then press the OK key.



2. Press "◀" "▶"on the projector panel or remote control, choose the device that stores the image file, and press "OK" to the next step.

3. Press "◀" "▶"on the projector panel or remote control, choose the image file (or folder to the next level of directory), and press "OK" to open.

! Note

The picture on the left is only a sketch for operation instructions. Due to the continuous optimization of human-computer interaction, the software interface of this product will be maintained and updated from time to time. If there are any changes, it is not subject to prior notice. Please refer to the actual product and thanks for your kind support.

! Note

Press the selected PHOTO file for more than 3 seconds to preview its contents.

Start to use
Play music

Play the music files on the storage according to the following steps:

1. Play music. After the projector is turned on, select USB1 or USB2 on the desktop, press OK to enter the next step, select "MUSIC" on the screen, and then press OK.

2. Press "◀" "▶"on the projector panel or remote control, choose the device that store the music file, and press "OK" to the next step.

3. Press "◀" "▶"on the projector panel or remote control, choose the music file (or folder to the next level of directory), and press "OK" to play.

! Note

The picture on the left is only a sketch for operation instructions. Due to the continuous optimization of human-computer interaction, the software interface of this product will be maintained and updated from time to time. If there are any changes, it is not subject to prior notice. Please refer to the actual product and thanks for your kind support.

! Note

Press the selected music file for more than 3 seconds to preview its contents.

Start to use
Play video

Play the video files on the storage according to the following steps

1. Play the movie. After the projector is turned on, select USB1 or USB2 on the desktop, press the OK key to entethe next step, select "MOVIE" on the screen, and then press the OK key.

2. Press "◀" or "▶" on the projector panel or the remote controller to select the device where the video is stored, and press the "OK" key to proceed to the next step.

3. Press "◀" or "▶" on the projector panel or the remote controller, select the video (or folder to move into the next directory), and press "OK" to play.

! Note

The picture on the left is only a sketch for operation instructions. Due to the continuous optimization of human-computer interaction, the software interface of this product will be maintained and updated from time to time. If there are any changes, it is not subject to prior notice. Please refer to the actual product and thanks for your kind support.

! Note

Hover the cursor over the selected MOVIE for more than 3 seconds to preview the video.

Start to use
Play File

Play the text files on the storage according to the following steps

1.To open a text document, after the projector is turned on, select USB1 or USB2 on the desktop, press OK to enter the next step, select "TEXT" onthe screen, and then press OK.

2. Press "◀" "▶"on the projector panel or remote control, choose the device that stores the text file, and press "OK" to the next step.

3. Press "◀" "▶"on the projector panel or remote control, choose the text file (or folder to the next level of directory), and press "OK" to open.

! Note

The picture on the left is only a sketch for operation instructions. Due to the continuous optimization of human-computer interaction, the software interface of this product will be maintained and updated from time to time. If there are any changes, it is not subject to prior notice. Please refer to the actual product and thanks for your kind support.

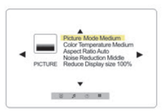
! Note

Press the selected TEXT file for more than 3 seconds to preview its contents.

Start to use
Projector settings

Properly set up the projector for better film experience. Main parameters of projection can be set up through the following steps.

1. Open the video page and press "MENU" on the projector panel or remote control to the interface as shown below.



Picture Mode Medium: Preset "standard", "dynamic", "soft", "user defined" and other image modes for different projected contents.

Color Temperature Medium: Preset "standard", "warm" and other color temperature modes for different color preferences.

Aspect Ratio Auto: Preset "automatch", "16:9", "4:3" and other options for the adjustment of display scale.

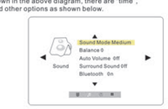
Noise Reduction Middle: To set up the intensity of noise reduction.

Reduce Display size 100%: To proportionally reduce the screen scale, ranging from 75% to 100%.

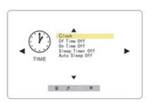
2. Press "▲" "▼" on the projector panel or remote control, choose between different options and press "OK" to submenu and properly set up the mode.

Start to use
Projector settings

3. Press "◀" "▶" on the projector panel or remote control, choose between different options. In addition to "Images" shown in the above diagram, there are "time", "settings" and other options as shown below.



Sound Mode Medium: Preset "standard", "film", "music", "exercise" and other acoustic patterns for different projected contents.
Balance 0: To set up the gain difference between the left and right channels.
Auto Volume Off: Limit volume
Surround Sound Off: To set up the surround sound effect.
Bluetooth: Click the menu and find the Bluetooth (as shown in the figure)and choose ON to turn on the Bluetooth. Automatically search the Bluetooth name, select the Bluetooth device name to be connected and click Connect. Choose OFF to turn off Bluetooth.



Clock: time can be set
Of Time off: set automatic shutdown time
On Time off: Set auto start time
Sleep Timer off : Sleep countdown
Auto Sleep off : Automatic shutdown without signal

Start to use
Projector settings

OSD Languago English : To sets up the language displayed in the operation interface.

Rastore Factory Default: To restore factory system settings .

Rotate 0: To set up the direction of image display. Suitable for adjusting image display directions for projectors mounted by different means.

OSD Duration off: Set the display time of the menu and automatically return to the startup page after the time expires.

Software Update(USB): To update the system's software version (USB storage device should be inserted and have the correct upgrade patch).

How to connect the bluetooth

1.Click the "Setting"--->find the "Bluetooth off" menu as shown in the picture.

2. Turn on the "Bluetooth"

3.Click "Search" menu. All the available bluetooth speakers will be showed in the list below.

4.Choose your bluetooth speaker device and connect.

Operation Steps Instruction for the Screen Mirroring Version of the Mobile Phone

After the projector starts up, choose screen mirroring of mobile phone on the desktop, then press "OK" key on the remote control. It will enter the screen mirroring of mobile phone interface (As shown in the figure below).

Wireless Screen Mirroring Operation Steps Instruction for IOS System (1)

1.Turn on the projector, choose screen mirroring of mobile phone on the desktop, press" OK" key on the remote control. Then, it will goes the screen mirroring operation interface.

2.Press the OK key of the remote control to search WiFi automatically, then select the WiFi name of your home, enter the password, and press enter to connect. (as shown in the picture)

WiFi connection is successful, as shown in the figure below:

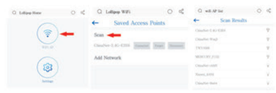
Turn on the screen mirroring of iPhone (operate as shown below) and it will connect successfully.

Wireless Screen Mirroring Operation Steps Instruction for IOS System (2)

1.Turn on the projector, choose screen mirroring of mobile phone on the desktop, press" OK" key on the remote control. Then, it will goes the screen mirroring operation interface.

2.Turn on the mobile phone WiFi, search projectorWiFi hotspot (such as Mirroring-7b260c) unified password 12345678 to connect.

3.After the connection is successful, open the mobile phone browser and input the IP address 192.168.49.1 to connect the home network (as shown in the figure below);



As shown in the figure, select home WiFi connection. After the connection is successful, the following figure is shown:

Mobile phone exits the projector WiFi hotspot and reconnects to the home WiFi. When mobile phone and the projector are connected to the same WiFi, turn on the screen mirroring of iPhone (operate as shown below) and it will connect successfully.

Operation Step Instruction of Wired Screen Mirroring for Iphone

1.Turn on the projector, choose screen mirroring of mobile phone on the desktop, press "OK" key on the remote control to enter screen mirroring operation interface

2. Insert the original USB cable of iphone into the USB-2 interface (shown as pictured below). Note:USB1 does not support wired screen mirroring .

3. Click " trust" to start the screen mirroring.

Operation Steps Instructions of Wireless Screen Mirroring for Android Mobile Phone

1. Turn on the projector, choose screen mirroring of mobile phone on the desktop, press OK key on the the remote control. It will enter the screen mirroring operation interface.

2. Turn on the screen mirroring of mobile (take Samsung S9 for example as below) Find Smart View of Samsung phone (shown as the pictured below)

Open it and follow the instructions.

Operation Step Instructions of Wired Screen Mirroring for Android Phone

1. Turn on the projector, choose screen mirroring of mobile phone on the desktop, and press OK key one the the remote control. It will enter screen mirroring operation interface.

2.Open the Android phone developer option, turn on the function of USB debuginsert the original USB data cable into the USB-2 interface (as shown in the figure below) Note! USB1 does not support the function of wired screen mirroring

Just follow the mobile phone instructions

Note! The wired screen mirroring of Android phones does not support voice transmission, if it is connected but does not show any screen mirroring. Then, it means the phone does not support the function of screen mirroring.

Safe shutdown
Correct shutdown and storage

Power off the projector through the following steps and store the device safely

1. Press ● on body panel of the projector or remote control, and power off the device according to the prompts.

2. Rotate the focusing ring into the device to ensure that the lens is fully contained inside the device.

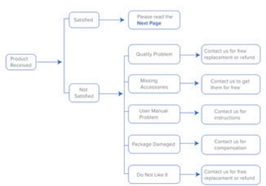
Safe shutdown
Correct shutdown and storage

3. Cover the dust-proof lens cap into the lens and store the device in a cool and dry place.

! Note

Cover the dust-proof lens cap into the lens and store the device in a cool and dry place.

Dear Customer,
Thank you for purchasing the projector!
We offer 100% money back guarantee in 30 days and 90 days replacement, lifetime warranty for any issue, professional tech support to ensure no-worry service.
Any query or problem, please contact us via support@chindar.com



RoHS FC CE

MADE IN CHINA

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:(1)this device may not cause harmaful interference,and(2)this interference that may cause undesired operation.