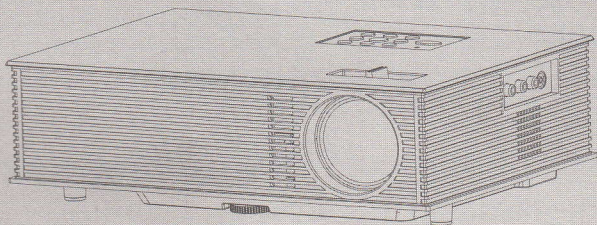


LED projector

User Manual

UC80



please read this manual carefully before using

Index(目录)

Attention-----	1
Specifications-----	2
Product Overview-----	3
Operation Guide-----	7
注意事项-----	17
规格参数-----	18
产品概览-----	18
投影机安装-----	21
投影机操作-----	23

Thanks for your interest in this projector, please read this manual book carefully before using.

Safety Tips

- Always unplug the appliance from the electrical outlet immediately after using and before cleaning.
- Please keep the projector dry, do not use it under wet or moist condition.
- Please keep the projector away from water, no such apparatus as vase or cup should be put around the projector.
- Do not put the projector on a unstable surface.

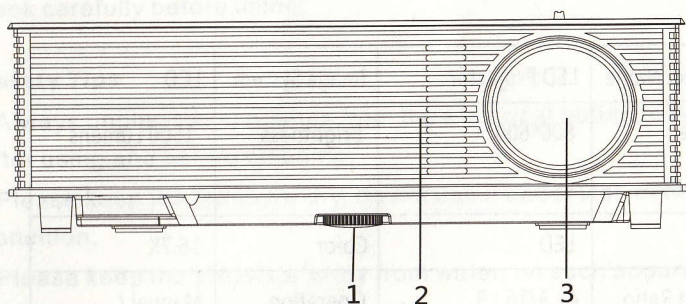
Remarks:

- Please cut down the power when the projector is not in use. Always unplug the appliance before removing other accessories.
- Close supervision is necessary when this appliance is used by, on or near children, invalids or disabled persons.
- Please follow this user manual to use the projector, and use original accessories or spare parts recommended by the factory.
- Never disassemble or repair the projector personally, if the projector can't work properly, damaged or dropped into water.
- Please keep the plug away from heat.
- While working, the projector should be kept away from cloth, sofa or any other material that could have stock the ventilation holes.
- Please do not move the projector or the power cable while it is working.
- To protect your eyes, please do not look into the lens while the machine is working.

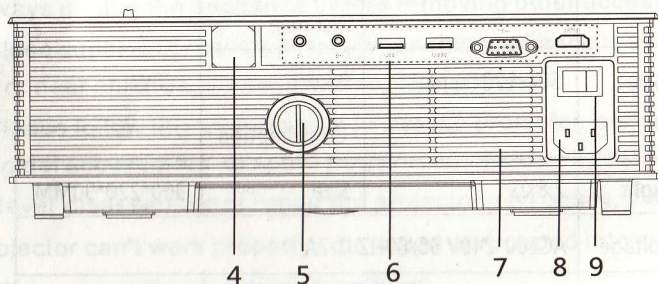
Specifications :

Product Name	LED Projector	Image System	LCD
Native resolution	800*600	Brightness	1500 Lumens
Lamp	LED	Color	16.7K
Aspect Ratio	4 : 3/16 : 9	Operation Mode	Manual / Remote
Contrast	700:1	Projection Distance	1.2-5M
Image size	50—120 inches	Power Consumption	160W
Net Weight	2.8KG	Size	300*220*90MM
Input Voltage	AC100-240V 50/60HZ 1.7A		
Input	AV/USB/SD/VGA/HDMI/IP/TV		
Output	Speaker*2 / Headphone		

Product Overview



- 1.Height adjustment feet
- 2.Ventilation Holes
- 3.Lens



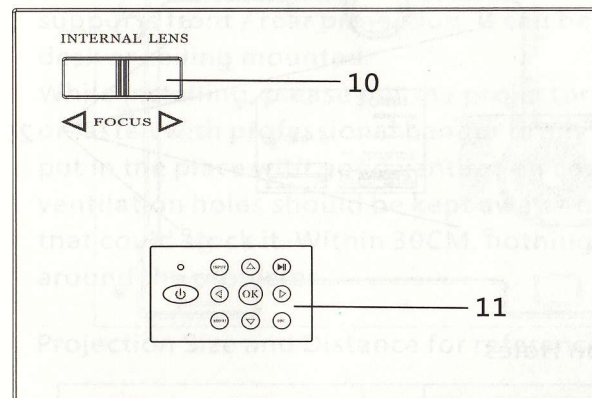
- 4.IR Receiver
- 5.Keystone Knob
- 6.Interfaces :

Headphone Interface
 USB1/USB2: USB Interface
 VGA:Computer Interface

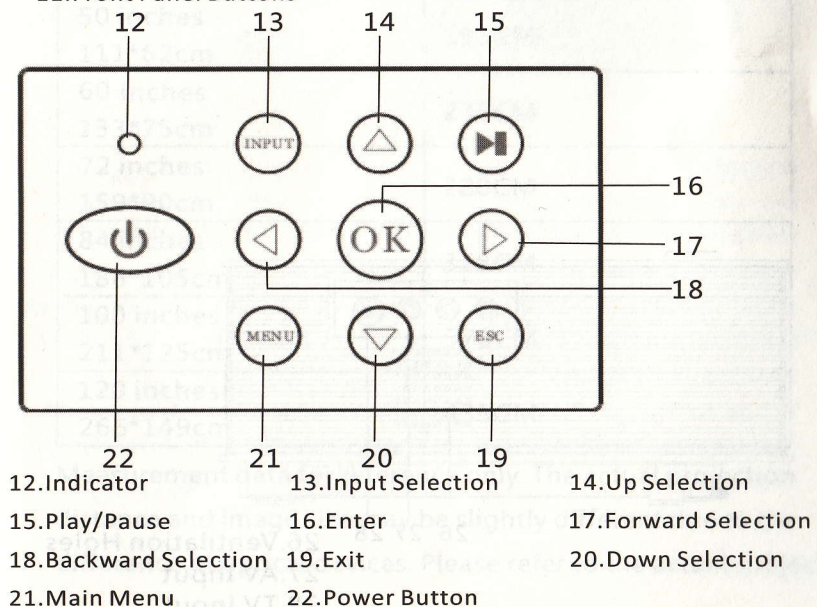
IP:Composit Video Interface

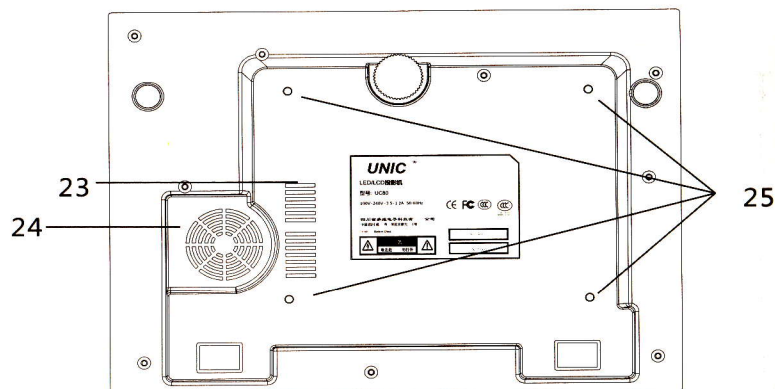
HDMI: HD Interface

- 7.Ventilation holes
- 8.Power Input
9. Power Switch

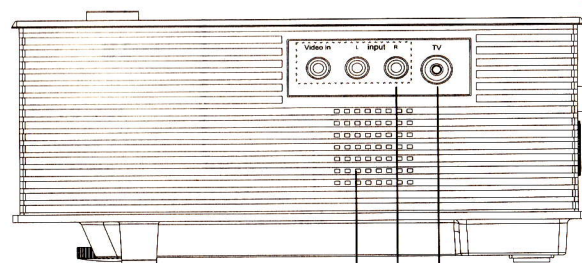


- 10.Lens Focus Dial Handle
- 11.Front Panel Buttons





- 23.Ventilation Holes
- 24.Speaker
- 25.Ceiling mounting holes



- 26.Ventilation Holes
- 27.AV Input
- 28.TV Input

Installation

Depending on different requirements, the projector supports front / rear projection. It can be both put on desk or ceiling mounted.

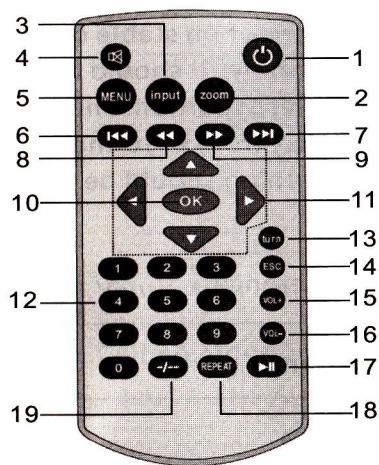
While installing, please put the projector on stable desk or fasten with professional hanger firmly. It should be put in the place with good ventilation condition. The ventilation holes should be kept away from anything that could stock it. Within 30CM, nothing should be put around the projector .

Projection Size and Distance for reference

Size	Distance
50 inches 111*62cm	195CM
60 inches 133*75cm	235CM
72 inches 159*90cm	280CM
84 inches 186*105cm	325CM
100 inches 211*125cm	370CM
120 inches 266*149cm	435CM

Measurement data for reference only. The actual projection distance and image size may be slightly different due to the difference of optical devices. Please refer to the actual subject.

Remote control function



- 1.Power
- 2.Zoom
- 3.Input source selection
- 4.Mute
- 5.OSD Menu
- 6.Previous
- 7.Next
- 8.Backward
- 9.Forward
- 10.OK
- 11.UP/DOWN/LEFT/RIGHT Button
- 12.Numbers
- 13.Turn
- 14.Exit
- 15.Volume Plus
- 16.Volume Minus
- 17.Play/Pause
- 18.Repeat
- 19.-/--

Remarks :

Do not use batteries mixed of old and new ones for the remote controller, to avoid the bad influence caused by electricity shortage.

If the remote controller is out of use for a long time, please remove the battery in case battery leakage corrupt the remote controller.

While using, please make sure the remote control signal transmitter is pointed at the projector IR signal reception window.

Projector Operation Guide

1.Power On/Off

Standby Status: Connect the projector to power, the indicator will enter Standby Status after it flashes .

Power on: Press the power button on the projector or remote controller, the indicator lamp will be steady on after it flashes, the projector starts working.

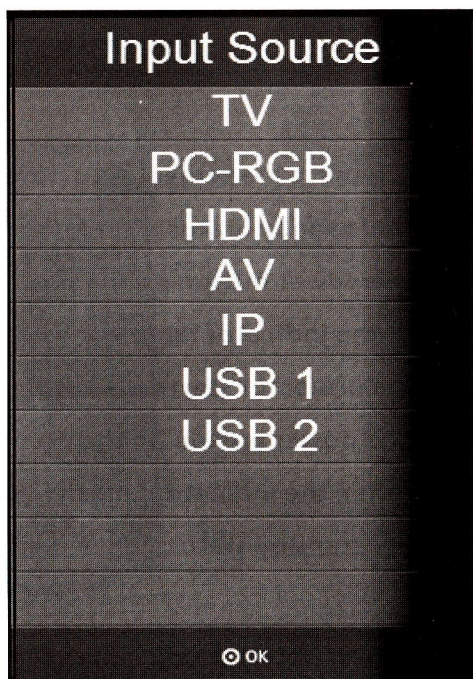
Power off: Press the power button on the projector or the remote controller, the indicator lamp will slowly flash, then it enters standby status.

2. Focusing

Put the projector with lens perpendicular to the screen or wall, rotate the focusing handle on the up cover until the picture is clear to finish the focusing. In the process, you can play programs or turn to OSD menu to coordinate the focusing adjustment.

3.Menu Operation

a)Input source selection



Press the input source select button on the projector or on the remote controller, the input source select menu comes out, then press the up/down button or the input source select button to select the channel required, press Enter or OK button to confirm, the system will switch to the required channel. The projector has the channels as following:

TV : Television
 PC_RGB : PC
 HDMI : HDMI
 AV : Video and Audio
 IP : Video and Audio
 USB : USB
 SD: SD card

b) Channel Menu

Press Menu to enter the main menu, Press '←→' to select channel menu. Then press '↑↓' to select the sub menu to be adjusted, then press 'OK' button to confirm. The sub menus which can be adjusted under the main menu are as following:

Auto Tuning: automatically searching the TV programs

Color System: PAL, NTSC, SECAM and Auto

Sound System: DK, I, BG, L, MN

ATV Manual Tuning: Manual searching the TV programs

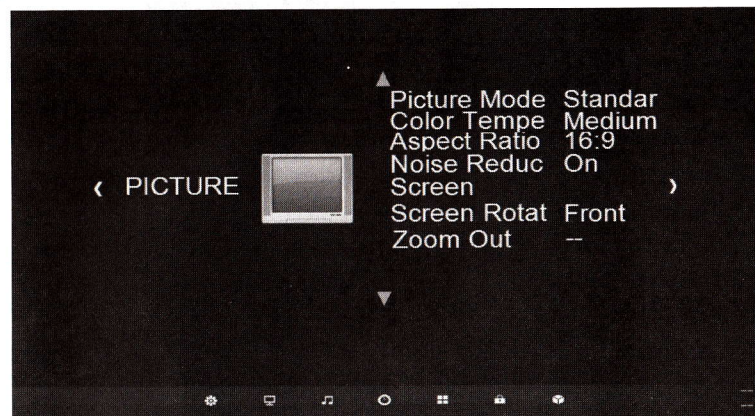
Program Edit: to edit the TV program been saved

NICAM Mode: NICAM Setting

Software Update : Updating the system software

Notice: Only under 'TV' channel the 'Auto Tuning', 'Color System', 'Sound System', 'ATV Manual Tuning', 'Program Edit', 'NICAM Mode' are optional. Under others channel, only 'Software Update' is optional.

c)Picture menu:



Press 'Menu' to enter the main menu, then press '←→' to select 'Picture' menu. Press '↑↓' to select the submenu to be adjusted, then press 'OK' to confirm the adjustment. The items can be adjusted under this submenu are as following:

Picture Mode: Standard, Mild, Dynamic and user are available.

Only user mode is adjustable including the options such as Brightness, Contrast, Color, Tint and Sharpness, etc.

Color Temperature: Cool, Medium, Warm and User are available. Users can adjust the colors of R,G,B independently under the User Mode.

Aspect Ratio: To adjust the aspect ratio of the image, such as 4:3, 16:9, auto, etc.

Noise Reduction : Off, Low, Middle, High, Default are optional.

Screen : To turn the image to be left, right, up, down under the PC_RGB channel. Note: 'Screen' can be optional only under the channel of PC_RGB.

Screen Rotate: To set the screen's orientation, it has four options such as Off, 1, 2, 3, each option represents one orientation.

Zoom Out: To adjust the image being played from 0 to 50 grade scales.

It is also adjustable with the button on the up cover of the projector.

d)Sound menu adjustment



Press 'Menu' to enter the main menu, then press '←→' to select 'Sound' menu. Press '↑↓' to select the required submenu, then press 'OK' to confirm the adjustment. The adjustable items under the channel submenu is as following:

Sound mode: Standard, Music, Movie, Sports, User Modes are optional, treble and bass adjustment options are only available under User Mode.

Balance: to adjust the left and right sound channels.

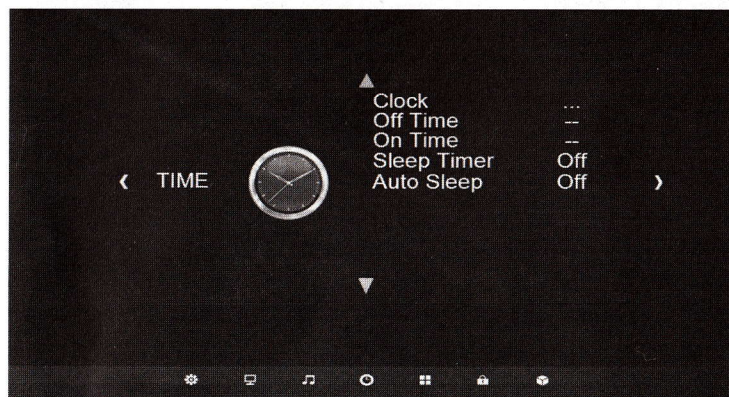
Auto Volume: To turn on or turn off, the volume can be automatically adjusted by system when it is turned on.

Surround Sound : Off, Surround Sound and SRS TruSurround are optional.

SPDIF Mode: To select PCM or Auto Mode

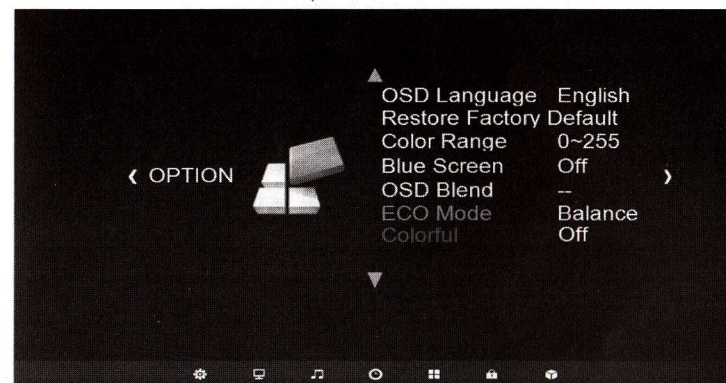
EQ: User can adjust the sound frequency to be 120Hz, 500Hz, 1.2KHz, 7.5KHz, 12KHz

e)Time Menu Adjustment



Press Menu to enter the main menu, then press '←→' to select 'Time' menu. Press '↑↓' to select the submenu to be adjusted, then press 'OK' to make the adjustment. The adjustable items are as following:
Clock, Off Time, On Time, Sleep Timer, Auto Sleep .

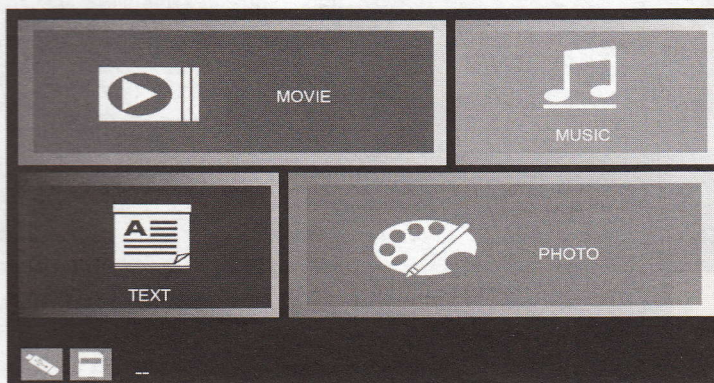
f)Option Menu Adjustment



Press Menu to enter main menu, then press '←→' to select 'Option' menu. Press '↑↓' to select the required submenu to be adjusted, then press 'OK' to confirm the adjustment. The adjustable items under this submenu are as following:
OSD Language: 22 different languages are optional such as Chinese, English, Spanish, Korean, etc.
Restore Factory Default: all settings will be restored to factory settings.
Color Range: To select the color range.
Blue Screen: To decide whether to display blue screen when there is no signal with TV.
OSD blend: To adjust the transparency of the menu.
ECO Mode: Eco option, balanced, energy-saving and high performance are optional, this is a specific feature of Dowlab.
Colorful Mode: Switch of colorful mode, this is also a specific feature of Dowlab.

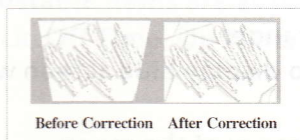
g)Multimedia Menu Adjustment

After selecting the input source of USB or SD card, the projector will enter the Multimedia Menu as following :



Keystone Correction

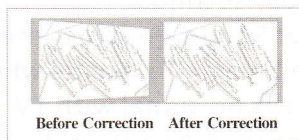
In some placement methods, the image will present trapezoid twist. Keystone Correction technology refers to a kind of technology of normalizing the twisted image via digital or optical technology.



Vertical Direction

Solution:

Find Keystone Correction key, and turn left or right to find the best position to achieve the effect as shown in the above Fig after correction. If you fail to obtain this effect after turning to the most left or the most right, you should reduce the gradient in vertical direction. The range of keystone Correction of the projector is $\pm 15^\circ$.



Horizontal Direction

Solution:

In this case, Keystone Correction key is in a invalid state. The reasons of it are as follows:

- 1.The projector is not placed in a horizontal position, Therefore firstly you should place the projector in a horizontal position.
- 2.The projector does not dead against the screen, so please make the projector dead against the central position of the screen.