

### Foreword

In order for you to use the projector easily, please read this manual carefully before using! Hope you have a good time with it!

## 01 Features

640X480 pixels Micro-Projector based on LCoS (3M) technique

Illuminated with high effective RGB 3-Color LED Light with a lifetime more than 20,000 hours

Playing High Definition AV files in format of RMVB/AVI/FLV/3GP/ MP4/DAT and MKV

Support VGA/YpbPr/AV input, Display for DVD player, set-top Box, Iphone,PSP and Multi-media Player and the like

Built-in full frequency domain Hi-fi speaker, IR Remote control

Max projection display: 200 inches (diagonal), High illuminance

Compatible with Audio files in format of MP3、WMA、WAV、APE、FLAC、OGG、AAC;

External Micro SD Card with capacity of 128MB-2GB, Built-in 2GB-8GB memory space

Automatically slideshow of pictures in format of JPEG, BMP and GIF,

Compatible with Ebook Reader, and Bookmark

Background Music playing makes it possible for users to enjoy music while reading

Suport Mobile HDD, compatible with XP, Vista and Windows 7, USB 2.0 jack

Multi-languages OSD

## 02 Notices

This User's Manual is intended to provide users with the technical data of Mobile Micro-projector Operational instruction and Attentions and Cautions. Please make sure to read this User's Manual before operating.

Please do not use or store this Micro-Projector under High temperature, high humidity and dusts.

Due to precise optical system installed, please try to avoid drop or violent bump against the Micro-Projector to prevent damage to the system and does not work well.

Please adjust the volume to a comparatively low level before you put in the Earphone in case instant heavy load causes bad damage to earphone.

Please recharge the Micro-Projector under below conditions,

a. System shutdown automatically   b. System shutdown automatically and repeat when reset, c. No reaction when pressing on the keys.

A 3.7V lithium Polymer Battery is used to the Micro-projector, which can be recharged repeatedly. But, for the first time, please use the Micro-Projector till battery is out of power, Charge the battery for more than 8 hours and repeat it for more than 2 times in order to activate the battery completely and extend battery lifetime. You can charge the Battery in two ways as follows,

1. Computer USB Jack: Recharge the battery through computer USB Jack. Just connect the Micro-Projector and computer by a USB Cable and charge the battery no matter the Macro-projector does operate or not. While recharging the battery, LED indicator flashes in color of "Red+Blue", and become "Green+Blue" when the battery is full.

2. Power adapter: Just connect the power adapter to the DC port of the Micro-projector and Recharge the battery no matter the Macro-projector does operate or not. While recharging the battery, LED indicator flashes in color of "Red+Blue", and become "Green+Blue" when the battery is full.

In the course of Recharge, Power adapter and the Micro-Projector will become a little bit hot. This does not mean any malfunction or damage.

**Notes:** This Micro-Projector should not be recharged with other model of power Adapter. Otherwise serious damage could happen to this Micro-Projector. The producer is not liable to any damage to the Micro-projector due to incorrect operation. If you need more power adapter, please feel free to contact us.

Please do never disconnect the cables while formatization or download/upload. This may lead to program errors.

We are not liable to any data loss because of damage to Micro-Projector, Repair or other reasons. Please operate the Micro-projector according to Instruction stated in this Manual.

Please do not dismantle the Projector, do not clean the surface of this product with Alcohol, Thinner or other chemical detergent.

Do not operate this product where electronic device is prohibited in area or environment, such as aircraft and hospital.

Please do not use this product while driving or walking to avoid traffic accident.

The enclosure could feel a little bit hot when the Micro-Projector operates. This is caused by heat generated from the working LED light and does no bad effect to the functionality of Projector.

Sound of air flow could be found when Micro-projector operates. The mini fans runs to disperse heat. This does not mean any bad malfunction.

Please try to make the ambient temperature as low as possible when you use the Micro-Projector. This is good for heat disperse.

A dim display will be found if the Projector is out of focus. Please adjust the scale close to lens till a clear picture is found.

**Our company reserves the right to change and improve the product and the Specifications of the product is subject to change without prior notice.**

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### Notes:

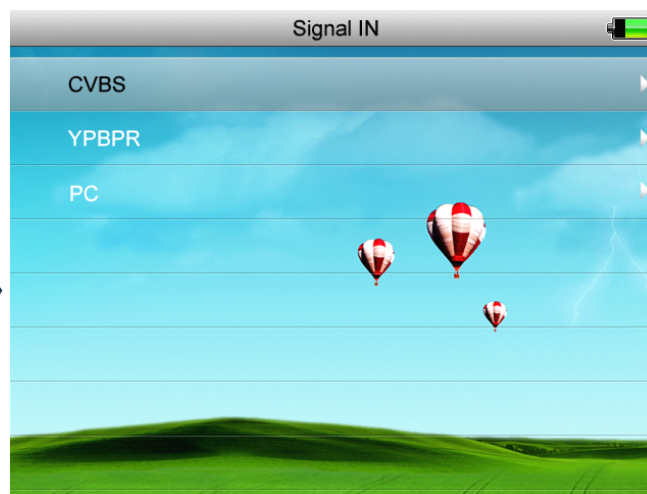
Thank you for choosing our Products. Please read this User's Manual before Operating The Micro-Projector. We may make changes to the functions or operation without prior notice. If you have any questions, please visit our website or contact us for help directly, we will do our best to help you.

## 04 Get to know the projector



## 05 Projector OSD Menu

Signal Input ( to connect Audio/Video players, such as DVD Player, PSP, Cell Phone and Computer)

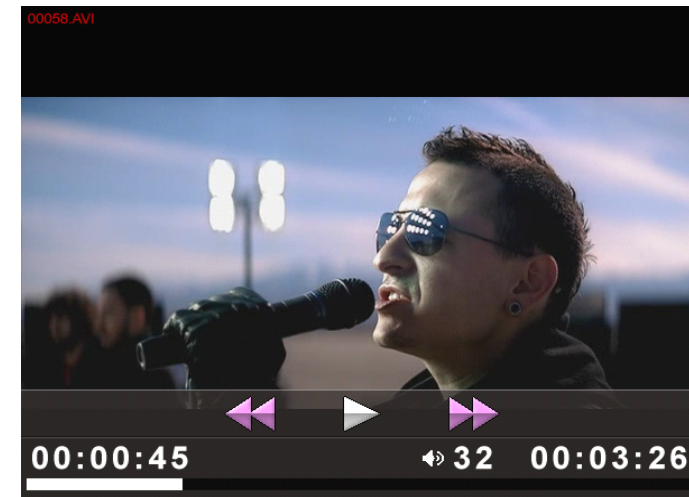
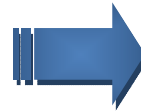


**Music:** ( to Play various Music files, support Lossless compression Format APE and FLAC, Built-in Microsoft PlayFX(R))

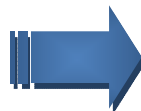




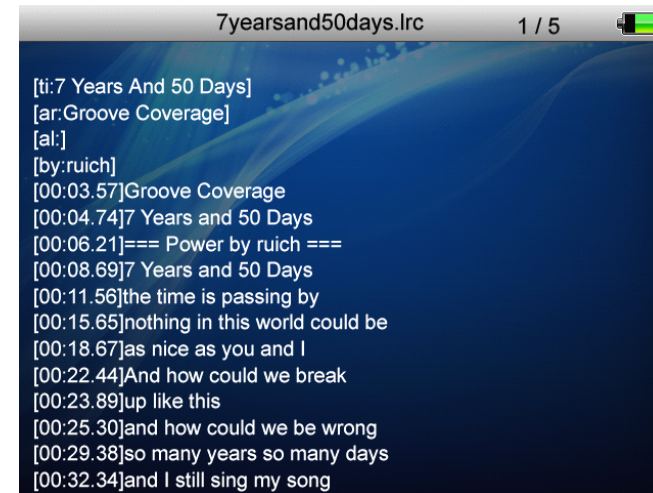
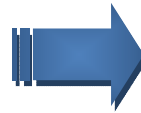
**Video:** (To play Various Video files, including 720P High definition Video files)



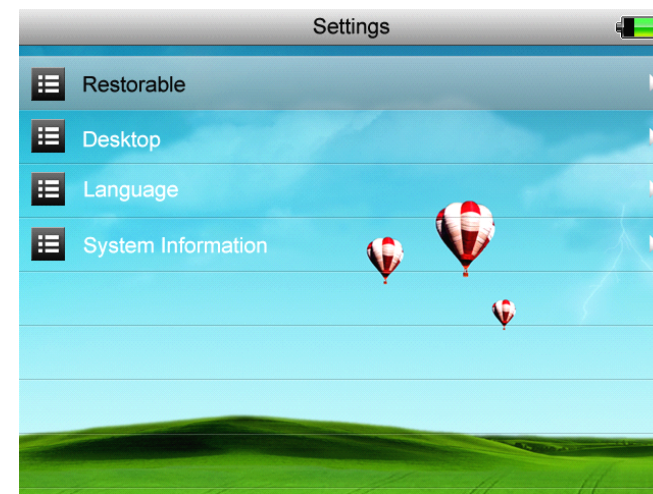
**Explorer:** To Browse all files stored in the Micro-Projector and MicroSD card)



**Ebook:** ( To read Ebook, support Bookmark)

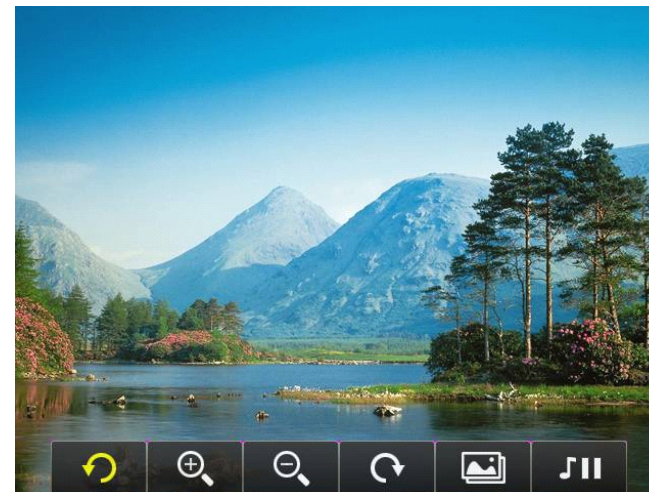


**Setting:** ( To setup all functions of the Micro-Projector)





**Photo:** To browse picture stored in Micro-Projector



## 06 Basic Operation

Power On: Press “▶||” till the screen displays and enter the Menu

Power Off: Press “▶||” till the “Save setting and power off” Screen displays.

**Connect to Computer and download /Upload Files:** When Connecting the Micro-projector to Computer with USB cable, an icon of Mobile Disk on the computer screen appeared, then informaton transferring can be done between the Micro Projector and computer.

**Volume Adjustment:** When the Micro-Projector is under the mode of Movie/Audio Playing/AV/YpbPr Input, please press key “▲” or Key “▼” to control volume.

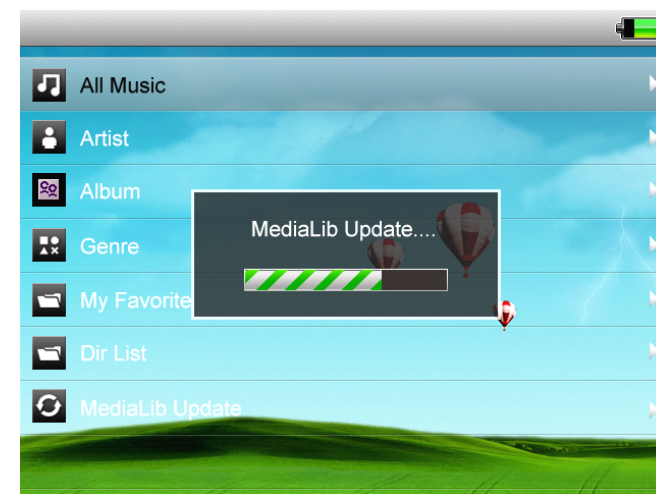
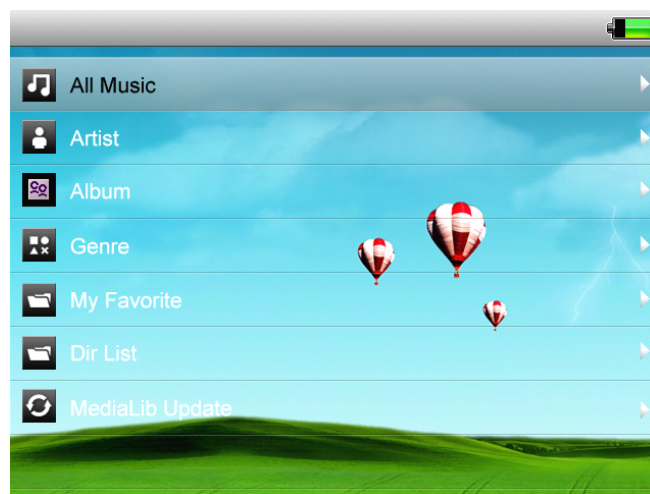
Previous/Next: When the Micro-Projector is under the mode of Movie/Audio Playing/Picture Browse, please press key “◀” or Key “▶” to Browse or play previous/next file..

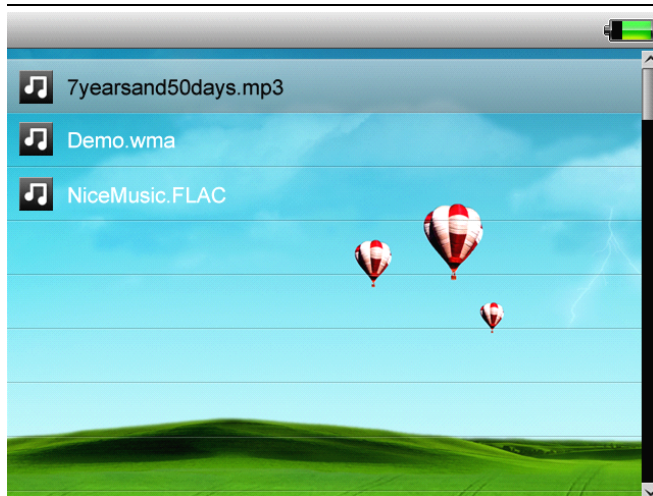
Rewind/FF: When the Micro-Projector is under the mode of movie or Music playing, Press Key “◀” or “▶” for a long time to rewind or fast forward.






**Function Selection: In the Master OSD, press Key “◀” or “▶” to select “Signal Input”, “Music” Video “ Photo” “ Ebook”., Explorer and “Setting” Functions, Press “OK” to enter.**


Battery: There is a Lithum Polymer Battery with high capacity. The Battery endurance varies depending on different Volume, File Format and Keys operation.

## Music:





Choose music menu, press  or  to choose all music, artist, my favorite, etc. Then press  to play. press  or  to turn

down or turn up the voice volume, press  to go to music player menu:

Repeat mode

Play mode

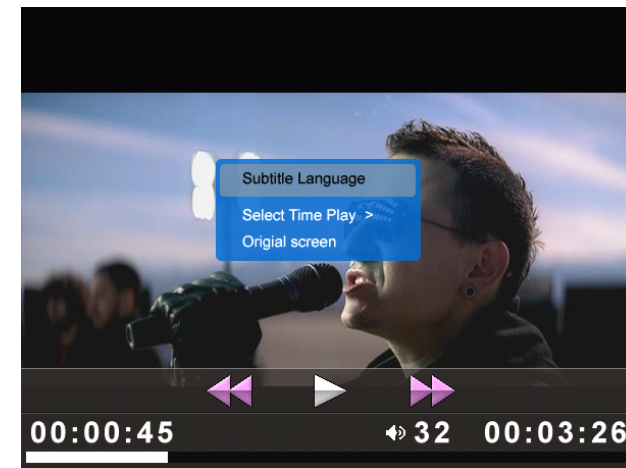
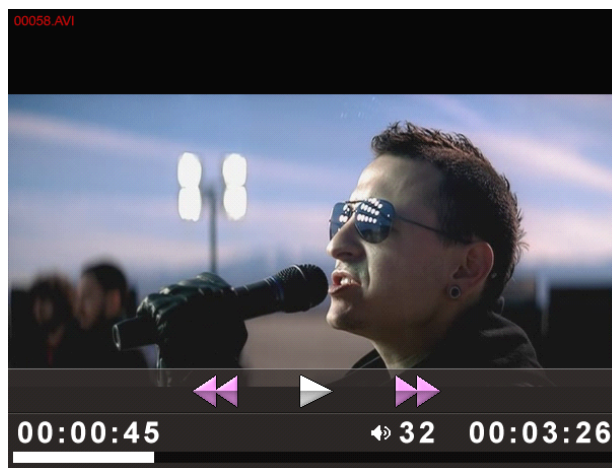
MSEQ: 3D Bass LEQ

EQ sel: Normal, MSEQ, rock, pop

User EQ setup

Display: lyric, freq chart

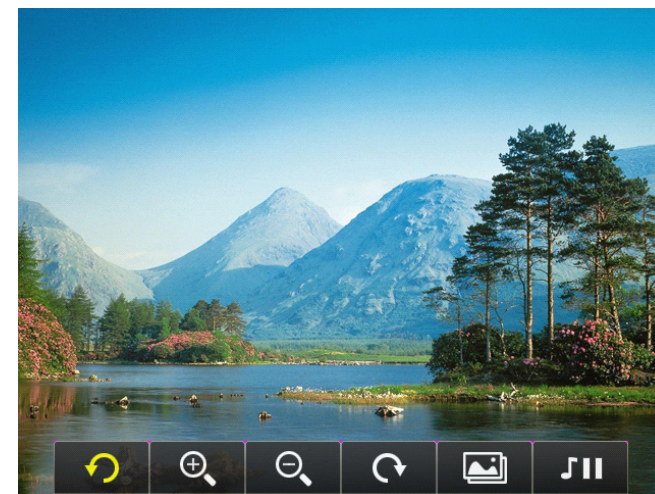
## Video:



Choose Video menu, press ▲ or ▼ to choose the file, then press OK to play, press ⏸ to pause or play, press ▲ or ▼ to turn down or turn up the voice volume, press ◀ or ▶ to choose previous or next file, press ◀ or ▶ for a long time to fast forward or fast rewind, press OK to go to the video player menu, then choose different menus to setup the player, press ↺ to exit.



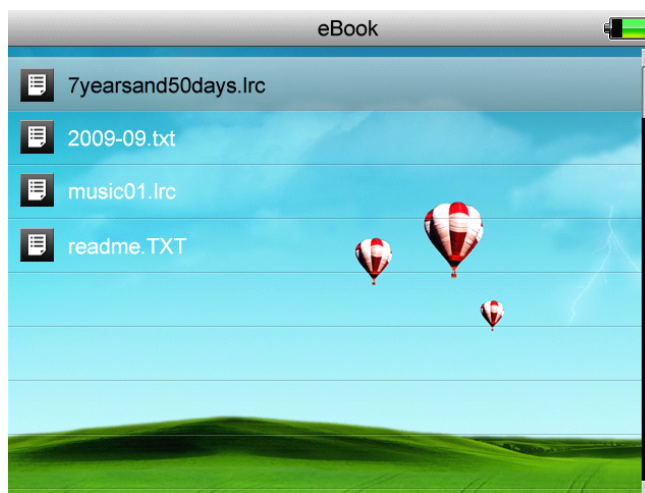
## Photo:



Choose picture menu, press to choose the picture, press to open it, press or for previous and next picture.

Press to get the browser menu, then choose to enlarge, shorten, turn left/right, etc.

## E-book:





Choose E-book, press ▲ or ▼ to choose txt documents, click OK to open the document to read, use ▲ or ▼ key to browse, press ◀ or ▶ to another page. press OK to go into the below functions:

Page jump: Input the page number then press ok

Savemark: Store the page so as to read easily next time;

Loadmark: Go to the bookmark directly

Delmark: Delete the bookmark

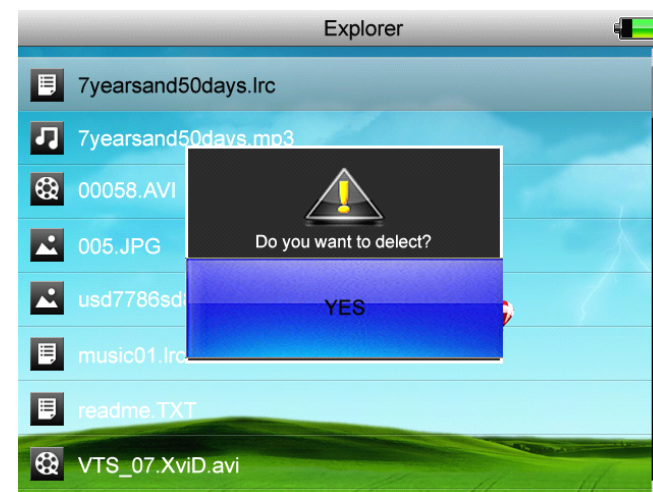
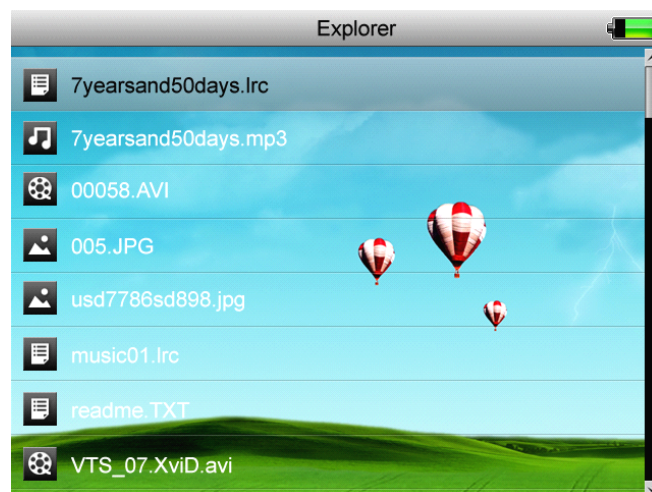
Set font: Change the font

Set color: Change the color

Browser mode: set browser mode

Flip time: set time for going to next page

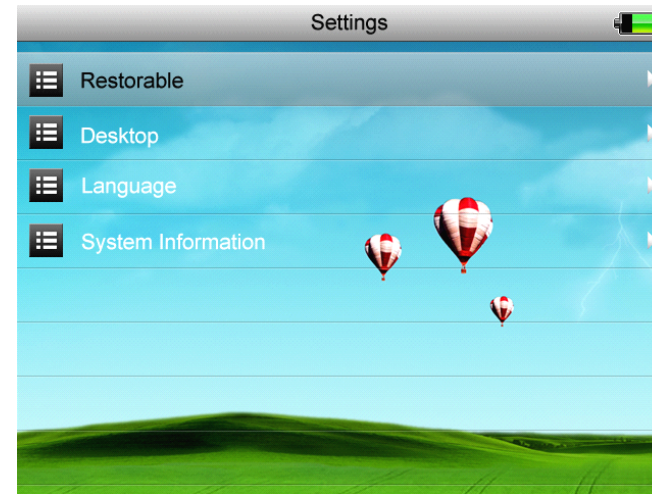
## Explorer:






Choose explorer, press ▲ or ▼ to choose file, then press OK to open it (make sure the correct format).

Delete files: press ▲ or ▼ to choose the file, press ↺ for a while till the window of delete displayed, then click OK.

## Setting:



Setting: **Press**  to enter. press  or  to choose

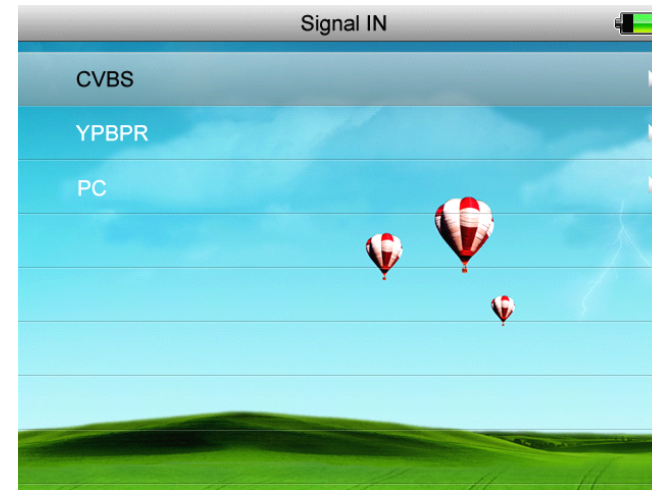
Restorable: Revert to the factory setting

Desktop: **Choose** different pictures for the desktop

**Language:** **Change the** language, up to 18 languages

System Information: **Display product name, hardware ID, version and memory capacity.**

## 07 AV/YPbPr/VGA Signal in



Choose Signal in in the menu then press  , then there will be 3 options,

**CVBS in:** Connect the projector with AV signal source by AV cable to input AV signal to the projector, such as DVD, mobilephone and STB (set-top box), the projector just support NTSC and PAL format, when playing, change your DVD or STB to these two format.

**YPbPr or YCbCr in:** Input color difference signal to the projector by AV cable connecting with DVD, game player machine or HD player, including 480i, 480p, 576i and 576p, such kind of color difference signals.

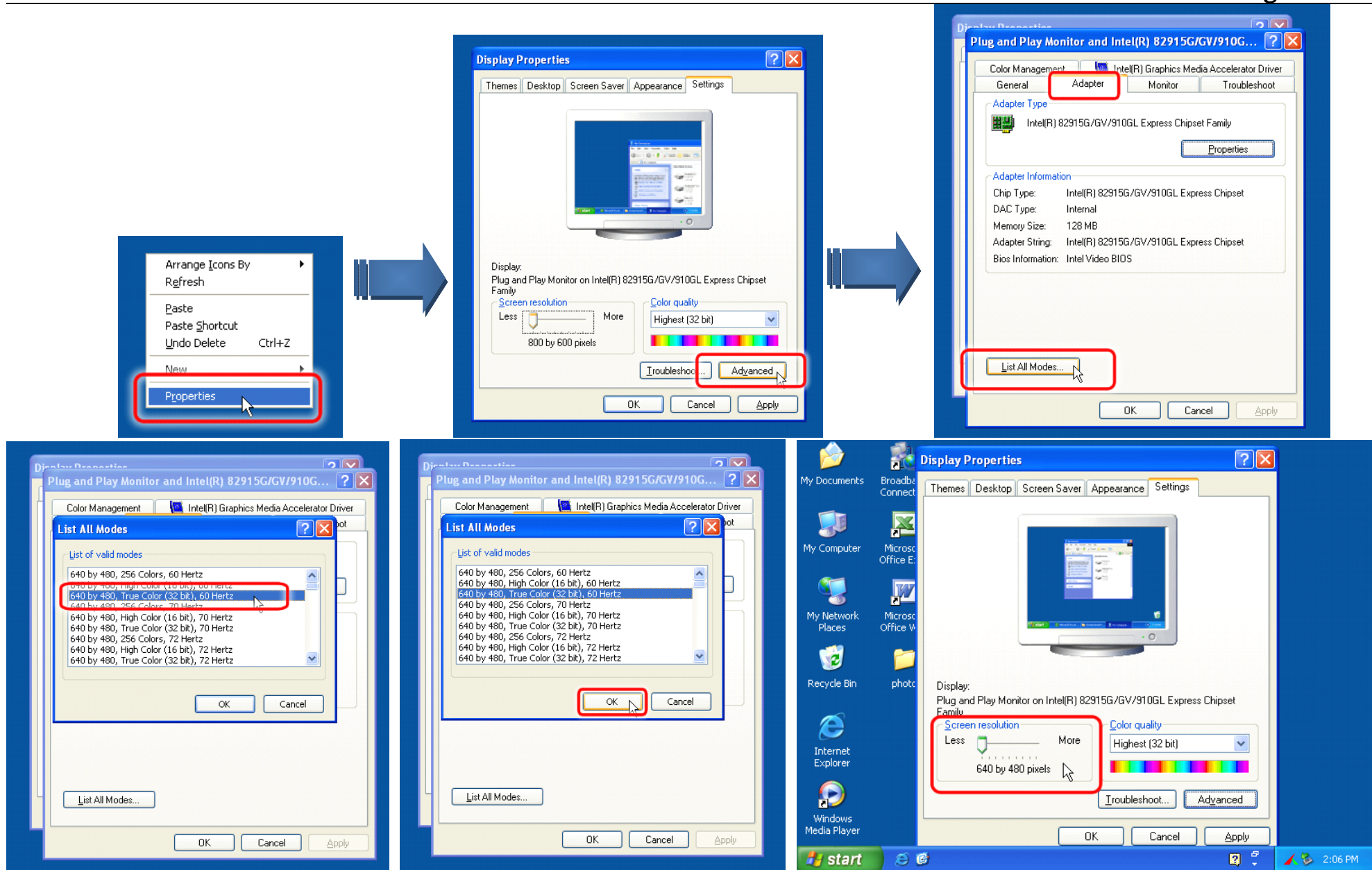
**VGA in:** Input VGA signal to the projector, connect with desktop computer or laptop by VGA cable, change the resolution of the computer or laptop to 640x480, true color, 32 bits, 60Hz, then signal can be input to the projector.

### Connect with desktop computer:

Change the resolution to 640\*480 @ 60Hz: please follow the below procedure,

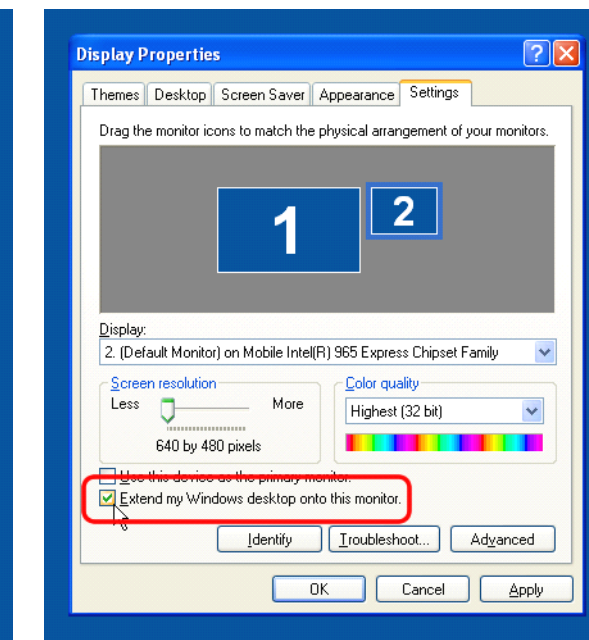
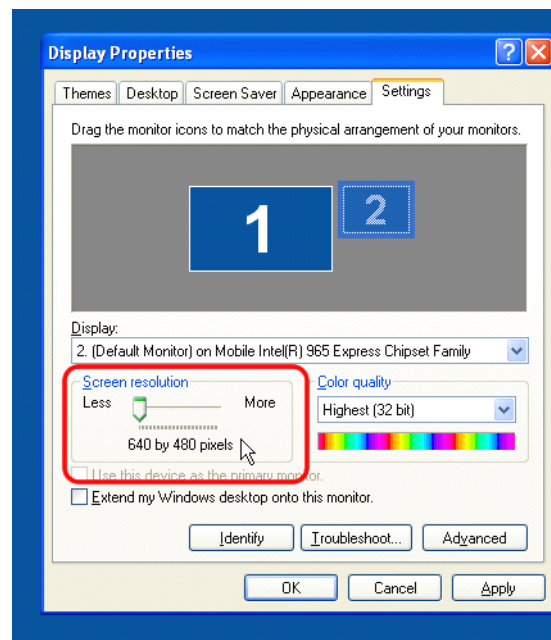
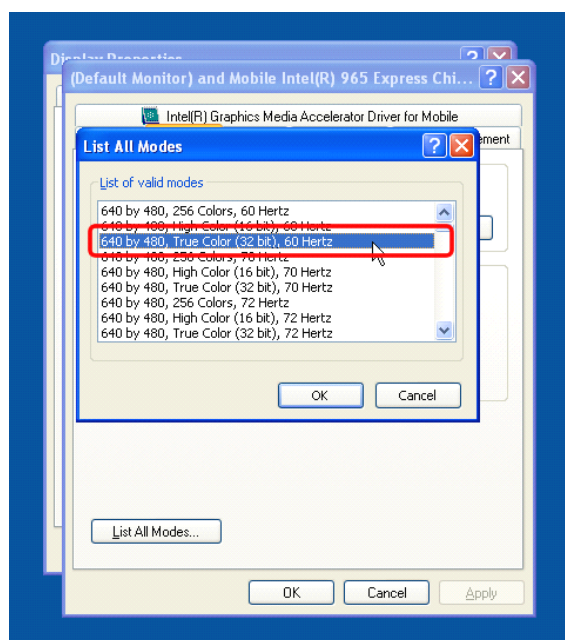
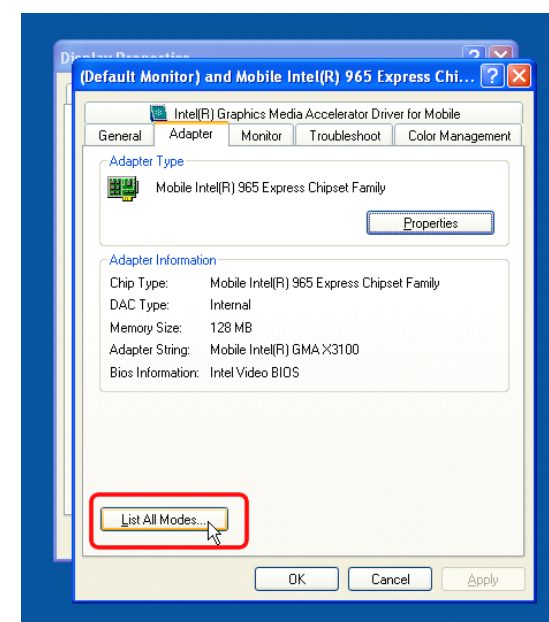
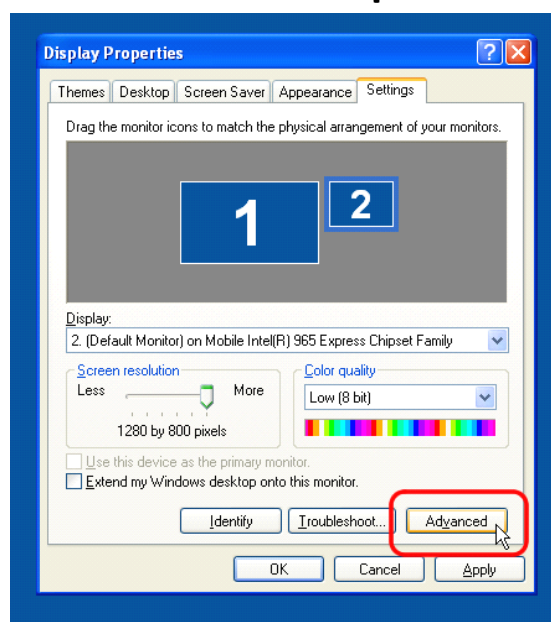
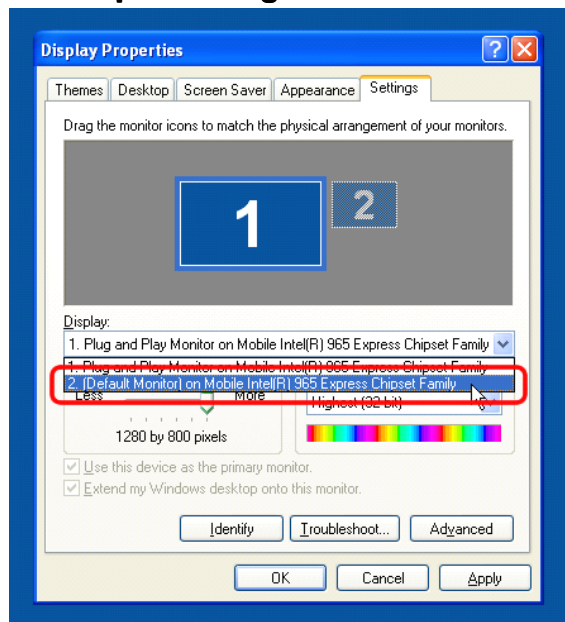
Click right button of the mouse on the desktop → choose properties → go to setting → advanced → adapter  
→ list all modes → choose '640x480, true color, 32 bits, 60Hz' → click OK then the projector can be connected with the computer by VGA cable.

Below pictures for your reference:



Change the resolution of the laptop to '640x480, true color, 32 bits, 60Hz' the same way with desktop compute, then change the video out mode of the laptop (please refer to your laptop operation manual),



**1、Output setting: Choose the second monitor like the below picture**



Choose the second monitor, and then change the resolution to '640x480, true color, 32 bits, 60Hz', but under the second monitor, the contents in the desktop of the computer can not be displayed, move the file to the left or right to display.

## 08 Battery charging

Charging by power adapter, connect the projector with 100-240V power by using power adapter, the power signal light is red at the beginning, once full the light will become green.

Charging by USB cable, connect the projector with computer by using USB cable, during charging, the signal light will be red and blue together, once full the light will become green, (Note: It will take more time than charging by power adapter.)

## 09 Problems shooting

### Blurring image

Adjust the focus gear till the image clear

Check the lens of the projector, make sure it is clean.

### Can't turn on

Lower battery, recharge the battery

Make sure the power adapter connected under proper way

### No sound

Check the voice button, make sure the volume is above 0

Check the audio out jack, make sure it is clean;

Make sure the file is correct format and undamaged;

### Display of garbage characters:

Make sure the correct language setting

Make sure the resolution of the computer is 640 x 480 , True color (32 bit), 60Hz

## 10 Technical Parameters

	Technical Parameters
Optical engine	LCOS ( 3M), RGB 3-color display
Brightness	20~50 lm
Lamp life	More than 20,000hrs
Resolution	640 x 480
Projection size	5~200 inches
Project distance	40~450cm
Contrast	200: 1
Screen ratio	4:3
Focus	Manual
Memory	2GB~8GB
Slot	Micro SD card
Video	MPEG4, AVI, RM, RMVB, FLV, WMV, 3PG, MP4,MKV, 720P Decoding
Music	MP3. WMA, WAV,APE, FLAV, AAC,AC3,OGG
Picture	JPEG,BMP,GIF
Signal in	3-in-1 AV , VAG, YPbPr
Speaker	Built-in 1w stereo
Language	Multi-language,
USB	USB2.0 high speed, up to 4MB/S;
Battery	2100mAh lithium battery
Power	DC5V 4A
Weight	132 g
Size	120 x 65 x 29 mm
Fittings	Specification, Battery, Tripod, Power Adapter, AV cable, USB cable VGA cable