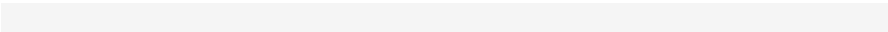




Multimedia LCD projector

User manual

Before using the projector, Please read this manual carefully



Thank you for purchasing our LCD projector, please carefully read and understand this manual, so that you can better use the operation of this equipment to achieve the best results.

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As the performance of this model is continuous improvement, any change will not be farther advised in the future.

Safety Instructions

Before operating the unit, please read this manual and keep for later use.

The projector in the design process is to take a variety of security measures, but improper use may result in electric shock or fire.

Ensure the safety of the projector installation, use and repair, please observe the following basic requirements

1. Using environment

Do not use the unit in the humid environment . For example near a bathtub,sink, laundry tub, or wet basement, or near a swimming pool.

2. Accessories

Don't use Accessories not recommended by the manufacturer of this product,Otherwise may be dangerous.

3. Cleaning

Before cleaning, set the machine's power cord from the power and wipe the casing using a damp cloth

4. Installation and fix

Do not place the unit in unstable bracket, or table to prevent the projector to fall, causing serious injury to a child or adult.And the projector body itself is severely damaged,.The installation of the machine in any way must be comply with manufacturer's instructions, and use a mounting accessory recommended by the manufacturer.

5.Ventilation

The gap on the body with holes is to ensure ventilation. To make sure projector reliable operation, do not place the projector on a bed, sofa, rug or other similar items, so that these vents are covered or blockage

6.Power supply

The machine can only use the bottom labels which stipulated the type of power

7. Groundwire or Polarization

Groundwire in the power cord of the projector needs to be grounded , be sure to put the power cord access in conformity with the provisions of the national distribution power system

8. Protecting the power cord

Power cord should not be placed on vulnerable pedestrians trample or easily pinched ,please specially attention to the wire of power plug or power outlet .

9.Thunder

When Thunder and lightning or long-term no use, unplug the power cord from the power outlet, disconnect the power cord, this can prevent lightning or power supply voltage fluctuations caused damage to the projector

10. Overload

Do not make a wall outlet , extension cords , drag strip , outlet overloading, otherwise there may be fire or shock hazard

11. Preventing the entry of foreign matter

Never allows any objects from the cooling holes come in the projector.Foreign matter, the objects may touch dangerous voltage points or short out parts, resulting in electric shock or fire

12. Repair

Do not attempt to open the machine, do not attempt to repair, opening or removing the casing of the projector will be among you in a dangerous voltage or other hazards, please turn to help from professionals maintenance engineer.

13. When damaged in need of repair

If the following situations occur, unplug the projector's power plug and commissioned by qualified maintenance professionals for repairment.-

a, Power cord or plug is damaged

b,Liquid has been spilled into the projector, or objects fall into the projector

c,Projector has been exposed to rain or water immersion

d, Accordance with the instruction manual to operate the projector is still not functioning

e, The projector is accidentally dropped or broken

f, The performance of the projector appear obviously abnormal

14. The installation of this machine shall be located away from heat sources such as radiators, stoves or other heat source.

Safety Cautions

The installation of the projector

In order to minimize the times of repair and maintenance, and maintain high-quality images, you should avoid to install the projector in the tide, dusty and smoke place. In such an environment, then it must be more frequent to clean the air inlet and the lens, used in such an environment, the projector will not be shortened service life.

Projector should not to be placed in direct sunlight or where the light is direct shinned indoor

● The projector screen should not be placed in the sun or indoor light directly. Direct light on the projector screen will make the image fades and viewing difficult. Using the projector in sunny or bright indoor, please close the curtains and dim the lights.

Note of the placement of the projector

● Place the projector on the range of angle to adjust.

Warning about the projector on placing in a high position

● When the projector is placed in a high position, you must carefully fixed by the projector fall resulting in personal injury accident. Please unplug the projector's power plug from the outlet, to be especially careful of the lens, do not touch or damage the lens surface.

Avoid placed where at very high temperatures

● Operating temperature of the projector

-5°C ~ +35°C

Storage temperature of the projector is

-10°C ~ +45°C

Do not block the exhaust and intake vents

● Left at least 20 cm distance between the exhaust port walls or objects.

● Please must to confirm the air inlet and air vents not blocked

● If the temperature inside the chassis is a bit high, the protection circuit will automatically cut off power to the projector, to prevent overheat damage, this does not indicate a fault. Place the projector at the inlet and exhaust port unobstructed after a few minutes the projector will return to normal operation.

● Use the projector remote control or the power button after turning off the cooling fan will continue running for some time to reduce the internal temperature of the cooling fan stops, then unplug the power cord.

Note of carrying the projector

●Handling the projector, be sure the projector is not to be subjected to strong shock or vibration, otherwise it will cause damage to the lens to be especially careful. From the outlet before moving the projector, be sure to unplug the power cord and disconnect any other cables connected to it.

●Do not carry the projector by holding the lens part.

Connecting other equipment

When you want to connect other audio-visual equipment to the projector, please unplug the projector's power plug from the outlet, turn off the power supply of the equipment to be connected, then connect.

Learning Projector

The appearance and function of the projector

This projector can input HDMI high-definition video signals, composite video signal, color difference signals, SV Video,Signal, VGA signal, also supports TV receiving function (optional).And support for stereo audio signal input and output. According to the need to connect the projector and other audio equipment

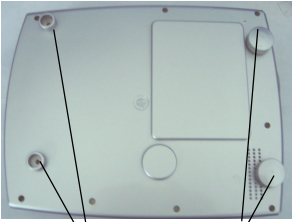
Top View

1. cover shell



① Projection Lens ② Control Panel

Bottom View



③ Behind Machine feet screw holes

④ Former Machine feet screw holes

Front and rear pin screw holes can let projector hanger installed on the ceiling and can use native machine feet or M4 × 20 screws to fixed.

Front side view



①

②

③

① feet of projection

② Projection lens

③ Front window of remote control

Rear side view



- ④
- ⑤
- ④

- ④ window of speaker
- ⑤ Power input socket, switch

Side View



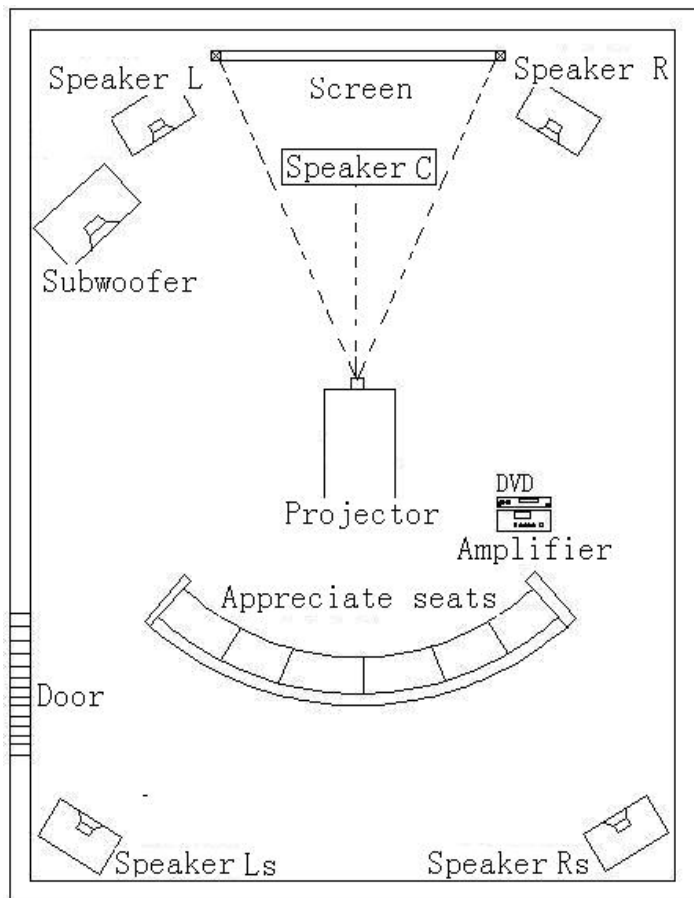
- ①
- ②
- ③
- ④

- ① ventilate of air to cool the projector internal, Do not block the ventilation hole.
- ② Trapezoid adjustment knob
- ③ Signal input
- ④ Lens

The installation of the projector

The overall layout

You can fully enjoy the convenience and fun of the projector, refer to the icon to configure and install the projector and other audiovisual equipment.



In order to get the best image, don't make the screen by direct sunlight or indoor light. If direct light to the screen, it will make the image fades, affect the viewing effect. Using projector in the sunlight or bright light for indoor, draw the curtains and turn the lights down.

The installation of the projector

Standard setting (Front projection)

Based on the use of your environment and needs, the projector can use the hanger forward hanging on the ceiling, also can be placed in the forward projected onto the curtain on a smooth desktop, to install the projector according to the following legend in rear projection way.

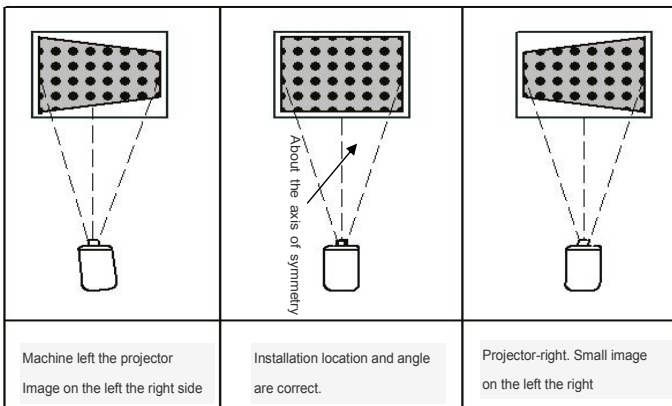
Projection size	4:3	16:9
56inch	2.45 Meter	2.15 Meter
60inch	2.60 Meter	2.30 Meter
72inch	3.10 Meter	2.70 Meter
84inch	3.50 Meter	3.25 Meter
100inch	4.05 Meter	3.55 Meter

Note: Above distance is projector screen to horizontal distance of center.

On the table data may be 2-3% margin of error, because the projector projected image size depends on the projector and The distance between the screen. The greater the distance, image size, if the projection distance is less than 1.8 m, there will be Image blur tone unclear phenomenon.

Note:

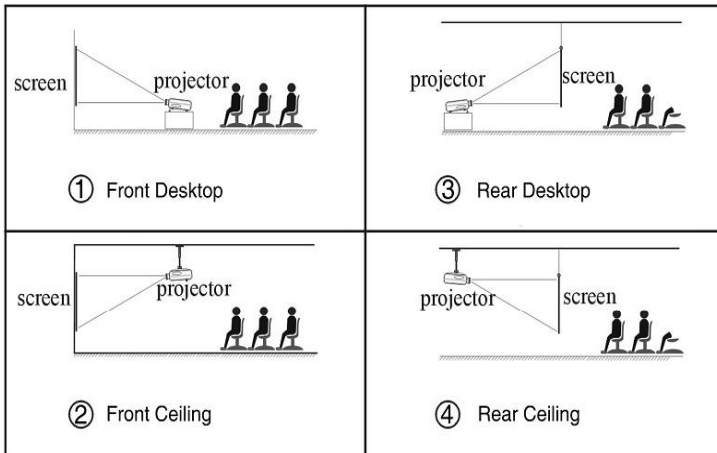
In order to install the projected image does not appear to geometric distortion (trapezoid), set the projector is mounted vertically. Curtain around the axis of symmetry. See the figure below.



The installation of the projector

Installation ways

Based on the use of your environment and needs, the projector can be hung forward on the ceiling, also can be placed in the forward projected onto the curtain on a smooth desktop, to install the projector according to the following legend in rear projection way.



NOTE

1. Use of a ceiling, the projector can not be on the edge of the height of the screen, otherwise it will affect the effect of the image or trapezoidal

Correction

2. Be sure to install the projector screen around the axis of symmetry in order to avoid the image left and right trapezoidal distortion

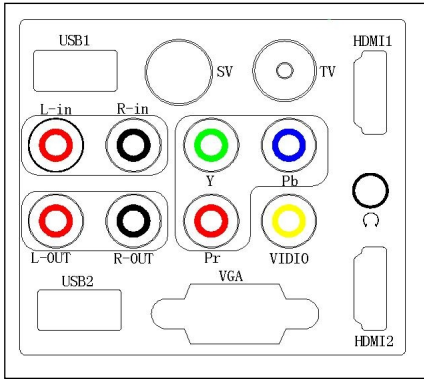
3. Around the projector after the installation shall be adequately ventilated, you can not have any objects to cover or block the vents of the projector

4. During the installation process, please do not live operation, so as not to cause an electric shock hazard or projection electromechanical road failure.

5. Just installed the projector, the first boot, the image may appear the image on the bottom trapezoidal distortion. Or vague, please refer to the image correction section to adjust.

The installation of the projector

The connection of external devices

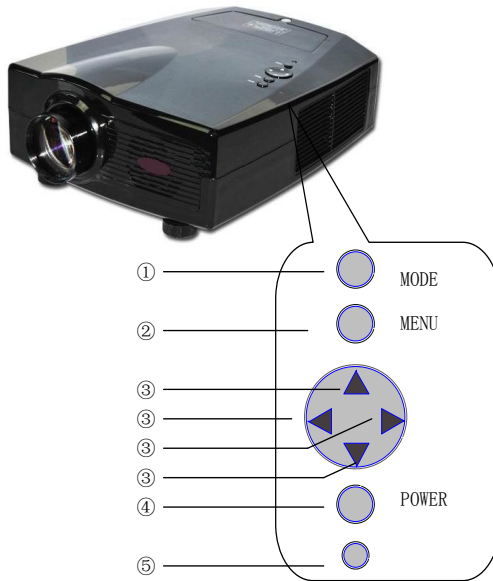


Signal port name	Signal port description
USB1 USB2	U disk connect ports
Y/Pr/Pb	Component video signal input port
SV	Connect DVD/VCD video port
TV	Composite cable TV port
Video	Composite video signal input port
Audio port	Composite sound equipment
PR	colour aberration port ,composite DVD/VCD video port
HDMI	Composite computer/DVD's HDMI
R-in、L-in	Audio signal input port
R-out、L-out	Audio signal input port
VGA	VGAThe signal input port
Audio earphone port	Composite sound equipment or earphone

Note: ●Turn off the projector and the signal source before connecting, If any device to connect the power supply did not shut down , it may result in damage to the equipment.

●Check the cables before connecting port shape. If you try to insert a different shape or pin number of the terminal equipment port , which may cause the failure of the terminal or port , or damaged terminals or ports.

Functional Instruction of the panel buttons



① Mode key

Switching the projector input source(such as video/SV video/computer the HDMI/TV, USB)

② Menu key

Turned on or off the projector's user menu.the same with the menu button functional on projector

③ Arrow keys

Adjust the parameters of the projector corresponding options, the function corresponding to the remote control button.

④ Power keys

Press this button can make the projector on or standby, the same function with power button on projector.

⑤ Indicator.

Red light: the red standby mode Green: working mode.

Functional Instruction of the remote control buttons

The power button

Switch the standby or working status of the projector.

Signal selection key

Multimedia operation keys

Functional operation of the multimedia mode control keys

Signal Options key

Arrow keys

Menu Transferred out or exit the main menu of the projector

Volume keys

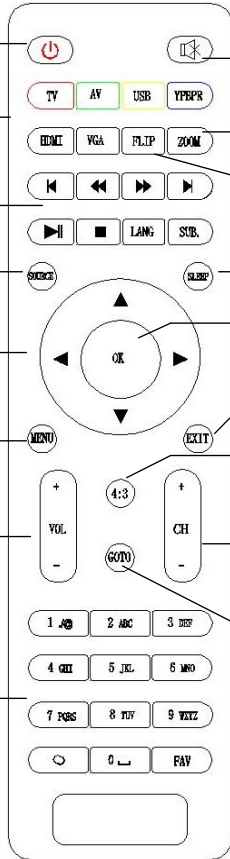
Adjust speaker volume for projector

Number keys

TV Mode is used to directly select the TV channels

Note:

- ※Please do not have the new and old batteries into the remote battery compartment
- ※Do not place any objects between the remote control and the projector's remote control window, so as not to block the signal
- ※Battery for a long time after the remote distances have been shortened or failure, replace the new battery
- ※Unused for long periods when you're Remove the battery, the remote control to prevent battery leakage and corrosion
- ※Do not place the remote control is placed in hot or humid place, so as not to damage the remote control....



The mute button

Adjust keys Adjusts picture size image zoom 16:9 to 4:3.

Flip keys Adjust picture up down and left right overturn

Sleep time keys

Enter key Confirm menu item to select the adjustment

Return keys

4:3 or 16:9 exchange keys
Exchange Picture size image 4:3 or 16:9

Channel change keys

Select time key

Select a location video playback time in USB mode

The projector switch machine

Just purchased the projector, see the "projector's installation "section of this book, let the projector placed, Connect power and signal lines, and then follow these steps

Boot operation

1,Identifiers in accordance with the polarity of the remote control battery box.

Load two batteries



2.Open the projector rear panel power switch, power indicator red LI



3. Press on the remote control or the panel "Power" button to open Machine green light is lit



4.After a few seconds, the lamp starts, the screen image, the projector into the normal working state



5.First boot the newly installed projector, the image fuzzy or was the keystoneing state, see "images may appear

Correction "section be corrected



6.Clear image adjustment, you can enter the normal viewing. In the process of watching, you can into the projector system parameters

Line settings, see the menu settings section.

Turn off operations

1.Projector is in normal use, press the power button 2 times to make the projector to switch to standby



2. Projector into standby, the green light is off, the machine is in auto-cooling process, three minutes after the cooling fan

Stop running, the cooling process is complete.

Adjustment of the projection screen

The newly installed projector, boot up using for the first time, will normally be the fuzzy image with the image border trapezoid, which is the focal length of the projector lens and keystone correction unadjusted good reason. Correction in the following way.

Focus adjustment

Clockwise rotation of the lens, the lens all back into the machine (Figure 1), and then slowly counterclockwise rotation of the lens(Figure 2). Careful observation of the pixels on the screen at the same time the particles is the most clear image (imagethe middle region, date), is the lens to focus the best position. Can also press the MENU button to display the menu with the tune whole, the most clear in the menu font, that is, the lens focus on the best location



Picture 1



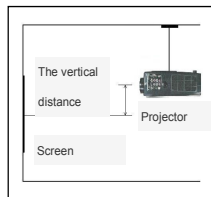
picture 2

Keystone

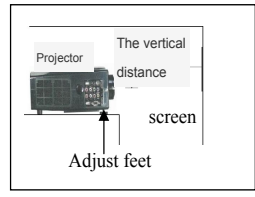
Keystone correction knob on the rotating side, the border of the screen image into the quadrilateral so far (Figure 3).A KEYSTONE the maximum amplitude of accommodation is ± 15 degrees. If keystone correction knob to the limit position is still not eliminate trapezoidal distortion, shortening the distance between the projector and the vertical direction of the center of the screen (Figure 4). Asif the table placement, the projection angle of the projector can be changed by rotating the base plate angle adjustment machine feet (Figure 5).



(picture 3)



(picture 4)



(picture 5)

Menu settings

1. Menu settings

1) Projector in the course, in TV mode, Pressing the "menu" key, the screen displays "Image" Road menu interface (Figure 1).

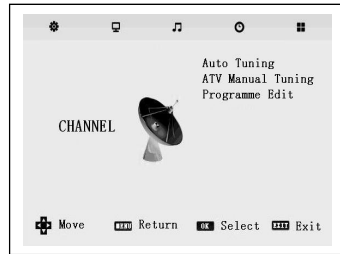


Figure 1

2) Press the "Left/Right" key, followed by circulation into the "Sound" and "settings", "channels" to adjust the nodal plane. single interface (in the videomode of the electric only "frequency road menu interface")

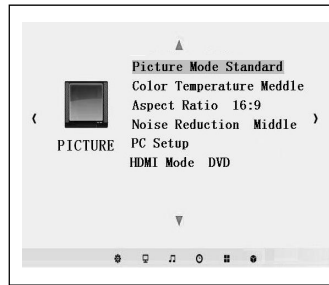


Figure 2

3) " " Button to adjust the parameters of the selected Projects Number (Figure 3); or "OK" button on the remote control. This machine "SOURCE" button, enter the need to adjust Of items under a menu (Figure 4), and then "▲ ▼" key to select, press the "Menu" button to Confirm and return to a menu.

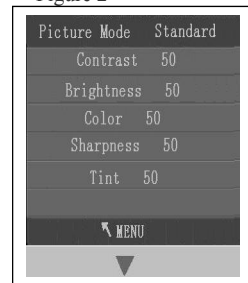


Figure 3

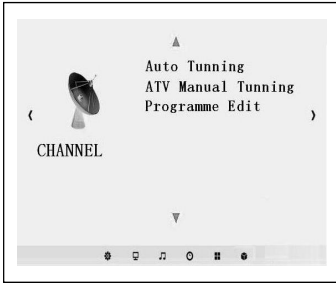
4) Repeat steps 2 to 3 until the completion of all Parameter settings, press the "Menu" key to exit the menu tune Section interface or menu interface in a certain time Automatically exit after a delay.

Note: If the menu option icon is gray, That this option can not be adjusted.



Figure 4

2. TV Menu



Note:

With no TV reception, no

TV Menu	
Automatic station search	Automatically search for television signals, and automatic storage TV channel parameters.
A station manually	Automatically search for television signals, and automatic storage TV channel parameters
Channel Editor	Delete search TV channels, Rename, move, jump, etc. Edit Settings

3. Image menu

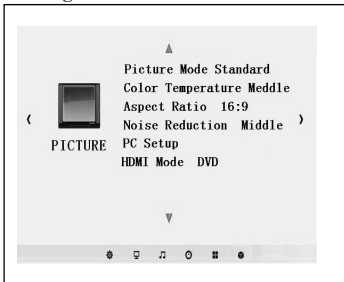
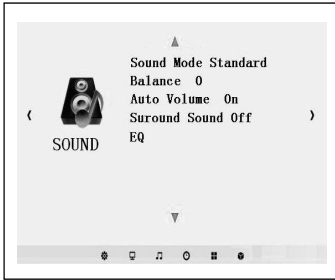


Image menu		
Image Mode	standard	The image display mode adjustment
Color temperature		The image shows the hue adjustment
Zoom mode		Image 4:3, 16:9, zoom to adjust
Noise Reduction		Image shows the noise level adjustment

4. Sound menu



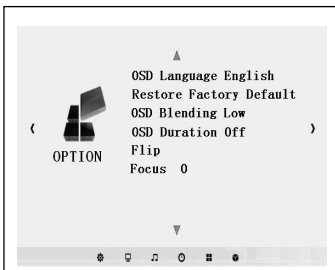
Sound menu		
Sound menu	Standard	Adjustment of the sound output mode
Balance		Audio output level of audio adjustments
Automatic volume		Automatic volume setting adjustment
Surround		Surround sound settings to adjust
fibre optical pcm		fibre optical pcm setting adjust
balanced		Audio balanced setting adjust

5. Time menu



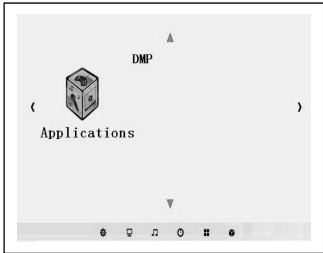
time menu		
time		The current time setting
Off time		Off time settings
Open time		Open time setting
Sleep timer		Sleep time setting
Auto Standby		Auto standby setting

6. Setting menu



Setting menu		
Language setting		Adjust the menu display language
reset		Restore the original settings
Rotation		Image rotation mode adjustment
Menu transparency		Menu transparency setting
Menu time		Menu time setting

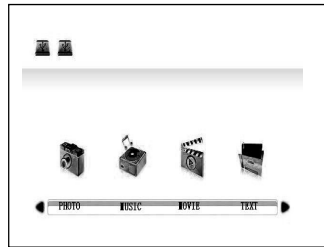
7. Amusement menu



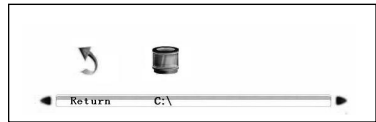
Amusement Menu		
multi-media		At an mode entre automatic recognition 2 passageway USB

8. Multimedia mode instructions

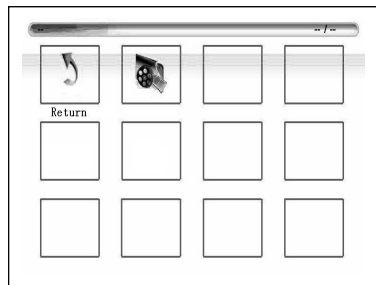
1) Insert U disk , select and enter the multimedia Mode, the screen will display the main sector of the multimedia mode Surface menu (the menu shown at right)



2) Press "◀▶" key in turn can choose Pictures, "music", "movie", "text" Pieces of items

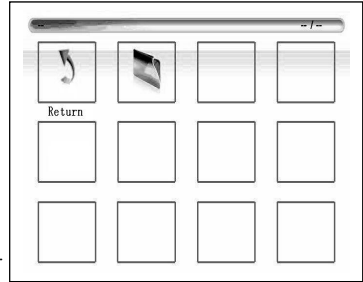


3) By remote control "OK" button, or the local "SOURCE" button, enter to select "Picture", "Music", "film" or "text" file
 Read the menu (see right)
 Wait a few seconds will enter the selected picture.
 "Music", "film" or "text" file
 A list of menu (see right)



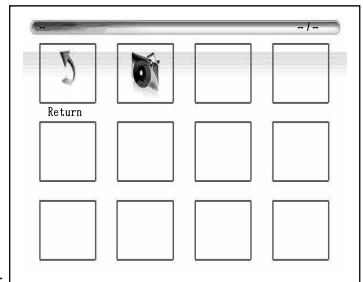
The operation of the image file

In the main menu interface of the multimedia mode, press "◀▶" to select "Picture" and then click away The controller's "OK" button, or the machine "▲" key The list into the "image" menu (see right),press "◀▶" Choose "▲" or "OK" button confirm,press remote's play Key or "mode" key open picture all screen play. picture would Circulate Play of slide way when you Choose 2 or above 2's picture files,press remote's "EXIT" return.



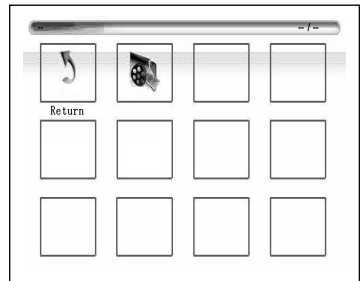
The operation of the music files

In the main menu interface of the multimedia mode,press"◀▶"to select "music"and then Press remote 's "OK" button, or the machine "▲" key Into the list of "Music" press "◀▶"to select, Press "▲"or "OK"confirm,press remote's play Or "mode"key open music play of all screen. picture would Circulate Play of slide way when you Choose 2 or above 2's picture files,press remote's "EXIT" return.



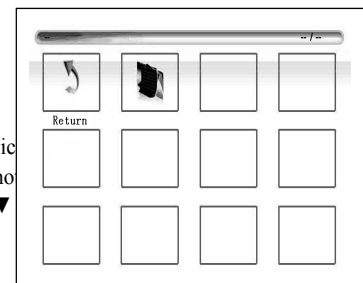
The operation of the movie file

In the main menu interface of the multimedia mode,press"◀▶"Key to select "movie" then Press the controller's "OK" button, or the machine "▲"key Into the list of "movie" menu (see right), press "◀▶"to select,press "▲"or "OK"confirm, press remote's "play"Or "Mode"of projector open movie's all screen.picture would Circulate Play of slide way when you choose 2 or above 2's picture files press remote's "EXIT" return.



The operation of the text file

In the main menu interface of the multimedia mode,press "Key to select" music"and then click awayThe controller's "OK" button, or the machine "▲"key Into the listof "Music" press "◀▶"to select,Press "▲"or "OK"confirm,press remo Or "Mode"of projector open movie's all screen.Press "▲" return.





Movie format support: MPEG1、MPEG2、MPEG4、RM、RMVB、MOV、
MJPEG、Divx、VOB



Audio format support: WMA、MP3、M4A (AAC)



Image format support: JPEG、BMP、PNG、

Support txt text file

A simple problem Operation

The operation of this machine is very simple, basically the same with the use of ordinary TV, in the course of using projector, generally do not encounter any difficulties, but sometimes because of peripherals use city electricity. Some false failure phenomenon occur. Please see the following instructions in the repair of the machine on a trial basis to excluded barrier. If we excluded the following possible failure, the projector is still not normal, and please contact with related technologies Members .

Failure phenomenon	Cause of failure may be
<p>1. Open the rear side panels On the power switch Off, indicator Does not shine</p>	<ul style="list-style-type: none"> ◇The power plug is plugged in ◇The outlet is normal mains voltage ◇This machine's rear panel power switch is turned on
<p>2. After turn on the projector the on-screen No picture</p>	<ul style="list-style-type: none"> ◇The signal path of the projector to select correct ◇Source device is powered on ◇The signal line is plugged in ◇Signal line is plugged in the wrong position ◇VGA input mode, the computer display refresh rate set too high ◇Portable computer, whether the output of the computer has been set to the signal Ministry of display
<p>3. Press the remote control The power button can not Boot</p>	<ul style="list-style-type: none"> ◇Projector rear panel power switch is turned on ◇The remote control battery power ◇Whether there are obstacles between the block in the receiver window of the remote control and projector ◇Operating distance of the projector is too far

<p>4. Each boot to "USE" After a certain period of time Automatically shut down</p>	<ul style="list-style-type: none"> ◇The projector's air intake cover other items are blocked ◇This machine is overheating protection
<p>5. Good picture, But no sound</p>	<ul style="list-style-type: none"> ◇The projector's volume is transferred to a minimum ◇Audio equipment, audio signal output ◇Audio equipment volume is transferred to a minimum

Package contents and Optional Accessories

In order to use the projector normally, the user need to check carefully if the attachments of the box is complete before open the packaging of the machine.

Package content

Projector.....	1pcs
Lens cap.....	1pcs
Remote controller	1pcs
power line.....	1pcs
AV Signal line.....	1pcs
SV Signal line.....	1pcs
VGA line.....	1pcs
manual.....	1pcs

Optional accessories:

1. Projector screen
2. Ceiling mount

