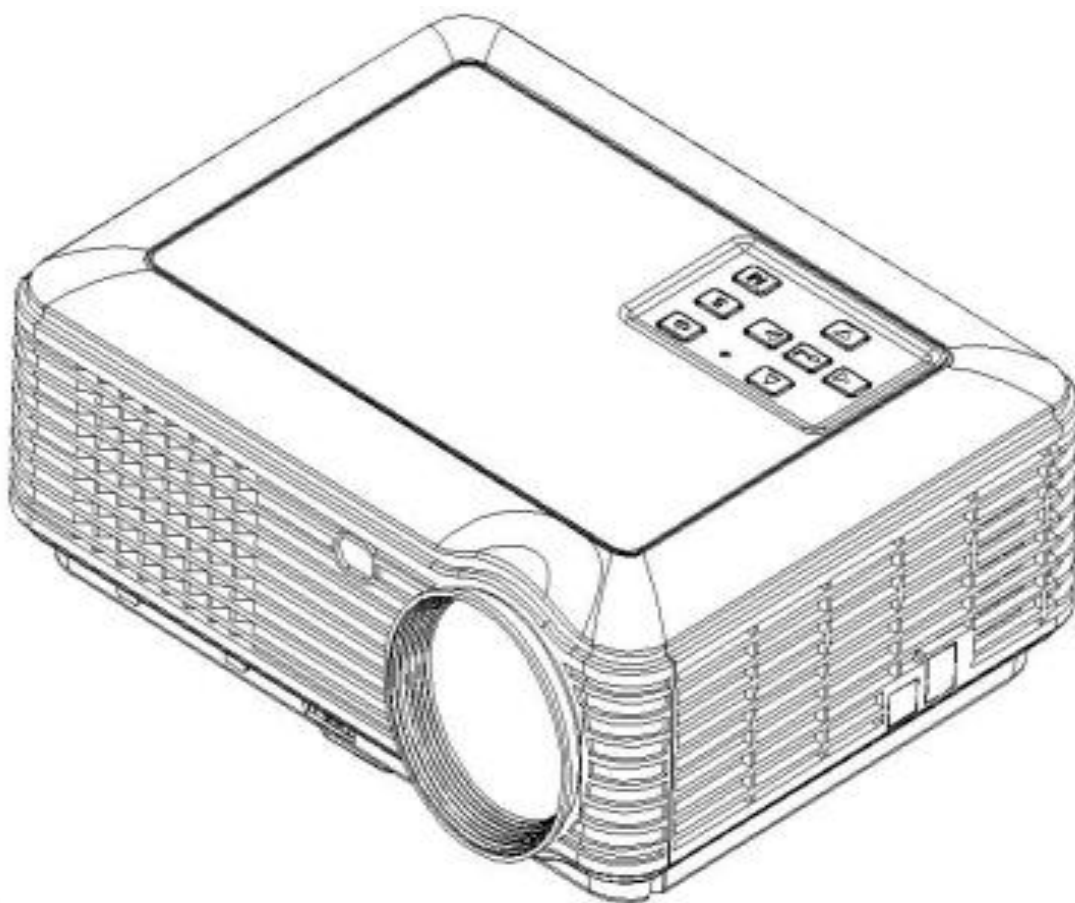




**MODEL: OP0475**  
**USER MANUAL**



**Before using the projector, read this manual carefully**

## Contents

<b>Safety Instructions.....</b>	<b>2</b>
<b>Installation.....</b>	<b>4</b>
<b>Projector Overview.....</b>	<b>5</b>
<b>Placement.....</b>	<b>7</b>
<b>Connection of external devices.....</b>	<b>8</b>
<b>Control Panel.....</b>	<b>9</b>
<b>Remote control Function.....</b>	<b>10</b>
<b>Powering On/Off The Projector.....</b>	<b>11</b>
<b>Image Adjustment.....</b>	<b>12</b>
<b>Menu Settings.....</b>	<b>15</b>
<b>Trouble Shooting.....</b>	<b>18</b>
<b>Packing List.....</b>	<b>19</b>
<b>Specifications.....</b>	<b>20</b>

# Safety Instructions

Read all of these instructions before you operate your projector and save for future reference. Whilst precautions have been taken to ensure the safety of this projector, misuse or improper application may result in electrocution or fire.

## 1. Read instructions

All the safety and operating instructions should be read before the appliance is operated.

## 2. Notes and Warnings

All notes and warnings in the operating instructions should be adhered to.

## 3. Cleaning

Unplug the projector from the wall socket before cleaning. Use a damp cloth for cleaning the projector housing. Do not use liquid or aerosol cleaners.

## 4. Accessories

Do not place this product on an unstable surface. The product may fall, causing serious damage to the product.

Keep plastic packing materials (from the projector, accessories and optional parts) out of the reach of children.

## 5. Ventilation

The projector is equipped with ventilation holes (intake) and ventilation holes (exhaust). Do not block or place anything near these slots, as internal heat build-up may occur, causing picture degradation or damage to the projector.

## 6. Power sources

Check that the operating voltage of your unit is identical with the voltage of your local power supply.

## 7. Servicing

Do not attempt to service this projector yourself. Refer all servicing to qualified service personnel.

## 8. Replacement parts

When replacement parts are required, be sure that the replacement parts are specified by the manufacture. Unauthorized substitutions may result in fire, electric shock or other hazards.

## 9. Moisture Condensation

Never operate this projector immediately after moving it from a cold location to a warm one. When the projector is exposed to such a change in temperature, moisture may condense on the lens and the crucial internal parts. To prevent the unit from possible damage, do not use the projector for at least 2 hours when there is an extreme or sudden change in temperature.

## 10. Temperatures

- Operating temperature  
-5°C~+35°C
- Storage temperature

-10°C~+45°C

**11. Handling**

When handling the projector, be sure not to drop or shake the unit. This could cause damage to the lens. Disconnect all cables and plugs from the unit before moving. Do not hold the lens.

**12. Humid Environment**

Do not use the unit in a humid environment or near water, this may result in electrocution.

# Installation

In order to minimize the risk of damages to the projector unit, the projector needs to be placed in a dust free environment.

## **1. Direct Sunlight**

The projector should not be placed in direct sunlight as this will result in unclear images and viewing difficulty.

## **2. Projector Placement**

Place the projector at the correct distance in order to obtain the desired picture size determine this before installing by turning on the projector and walking backwards away from the screen, image directed at the screen, until the image fills the screen. When ceiling mounting ensure that the bracket and the projector is securely mounted in order to prevent injuries.

## **3. Do not block the intake vents**

Leave a 20 cm distance between the projector vents and surrounding objects

Ensure the Projector vents are not blocked

If the projector detects that the unit is overheating, the unit will turn itself off. When the unit has cooled down, it will return to its standard functions.

Use the projector remote control or the power button to turn off the unit. Once the unit has been switched off, the cooling fan will continue to run in order to reduce the internal temperature.

# Projector Overview

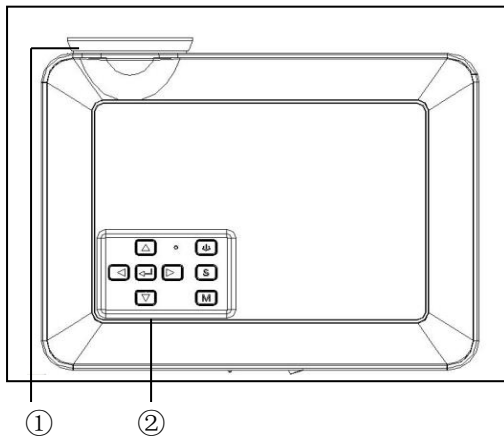
## The appearance and function of the projector

The following inputs can be used: HDMI, Composite Video, VGA and USB.

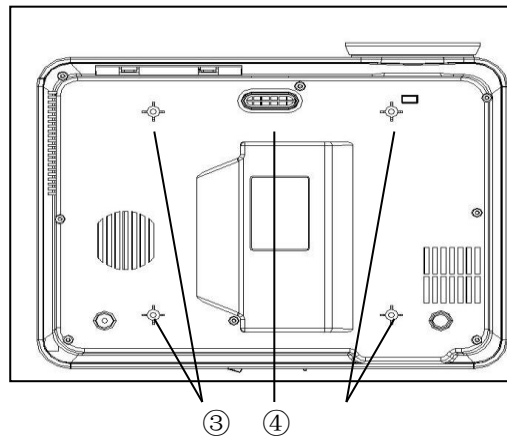
Videos and documents can be read by the projector unit through USB.

Supports audio signal input and output.

### Top View



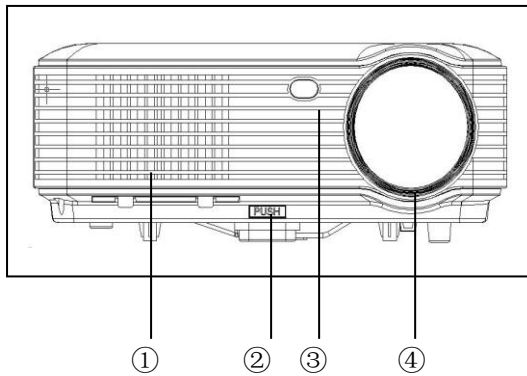
### Bottom View



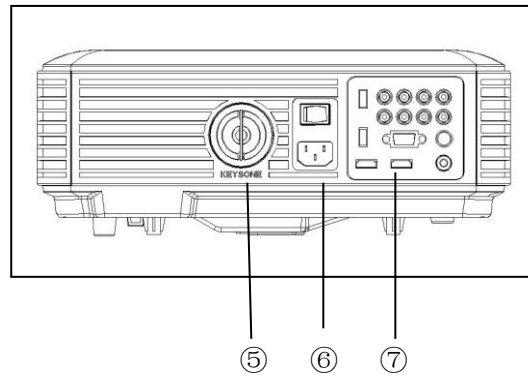
- ① Projection Lens
- ② Control Panel
- ③ Hanger Screw Hole
- ④ Angle Adjustment Mechanism

Hanger screw holes allow for the unit to be installed on a ceiling bracket. Use M5× 15 screws to fix the unit.

### Front view

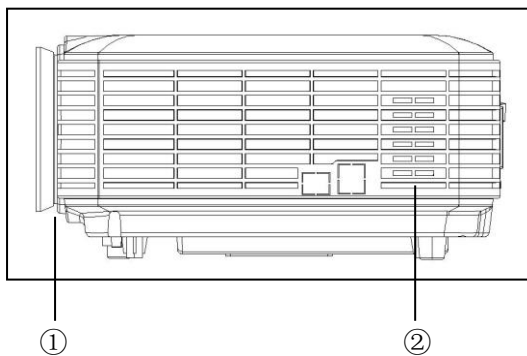


### Rear view

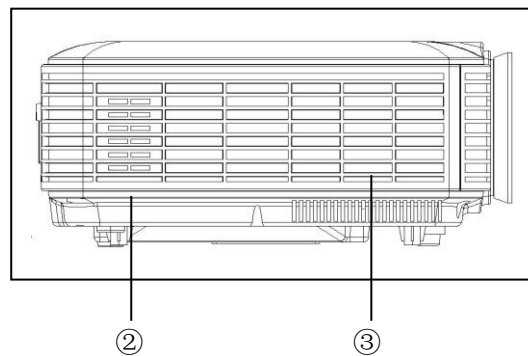


- ① Ventilation Holes
- ② Angle Adjustment Mechanism
- ③ Window of remote control
- ④ Projection Lens
- ⑤ Keystone Correction
- ⑥ Power input
- ⑦ Signal input

### Left side view



### Right side view



- ① Projection Lens
- ② Speaker Window
- ③ Ventilation hole

## Placement

The quality of the images will be affected by direct or bright lighting. For best viewing capabilities view in a dark room.

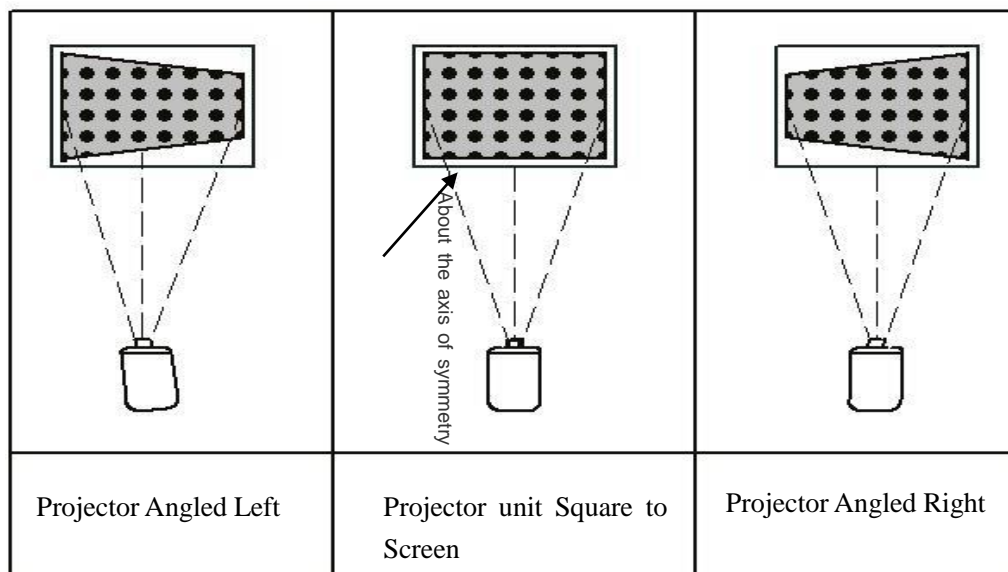
### Standard Setting (Front projection) - meters away from projector screen

Projection size	16:9	4:3
56inch	2.84 Meters	2.28 Meters
60inch	2.66 Meters	2.44 Meters
72inch	3.19 Meters	2.93 Meters
84inch	3.72 Meters	3.41 Meters
100inch	4.43 Meters	4.06 Meters
120inch	5.31 Meters	4.88 Meters

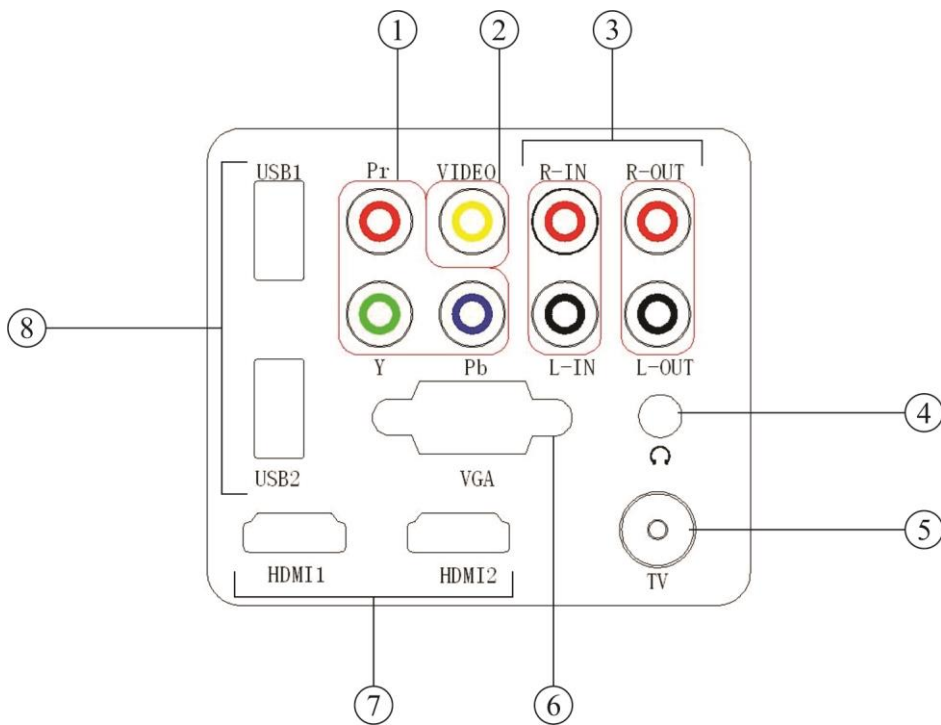
**Note:** The above table represents an estimate. It is recommended that the exact distance is calculated by turning on the projector and walking backwards away from the screen, image directed at the screen, until the image fills the screen.

**Note:**

If the image appears to be distorted, check that the projector unit has been placed square to the screen.



## Connection of external devices

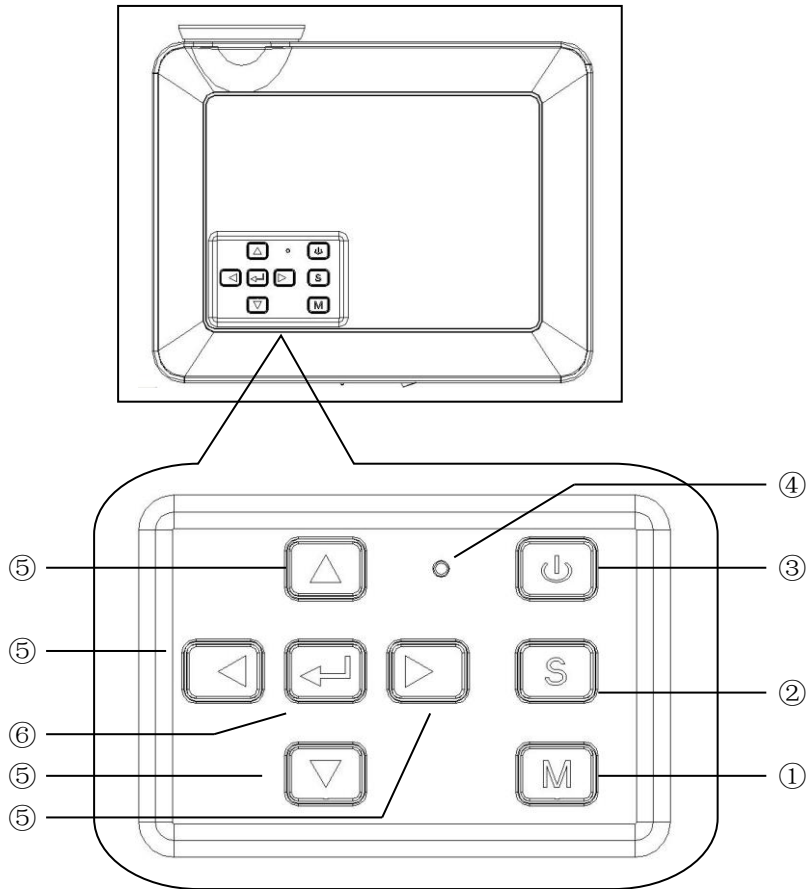


1. Component video signal input
2. Composite video signal input
3. Audio signal input
4. Sound equipment or earphone
5. Composite cable TV
6. VGA input
7. Composite computer/DVD's HDMI
8. USB ports

### Note:

- Turn off the projector and the signal source before connecting **any device**.
- Ensure that the correct cable is being inserted into the correct port failure to do so may result in damages.

## Control Panel



### 1. Menu key

Display or exit the on-screen display menus.

### 2. Source key

Switches the projector input source i.e. Video/SV/ HDMI/TV/USB.

### 3. Power keys

Turn the projector on or off.

### 4. Indicator.

Red light - Standby mode

Green - Working mode.

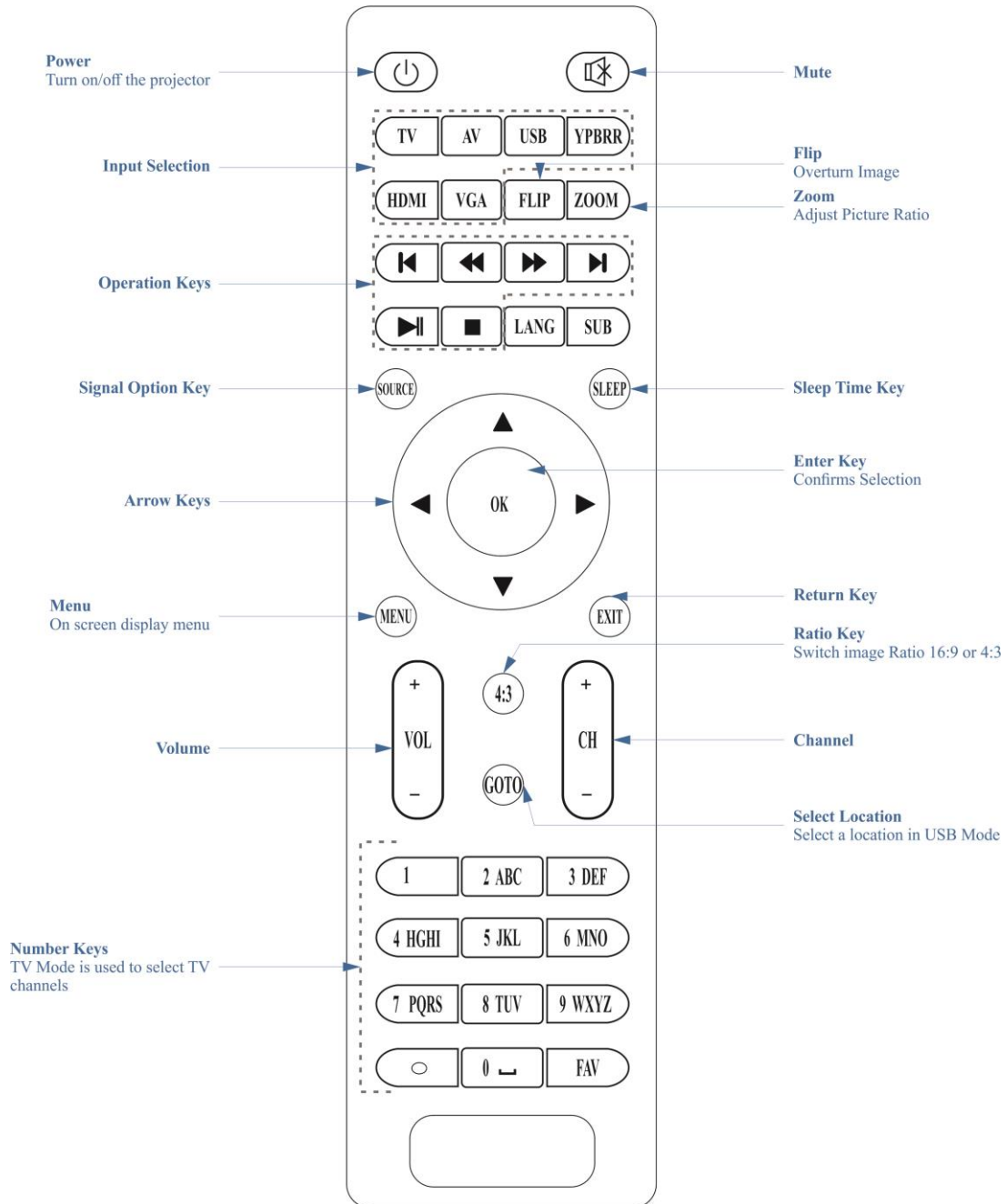
### 5. Arrow keys

Adjusts the selection of the menu, function corresponds with the remote.

### 6. Confirm keys

Selects the desired function in the menu.

## Remote Control Functions



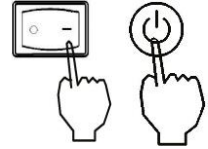
### Note:

- The remote control may not operate when there is sunlight or other strong light such as fluorescent lamp shining on the remote sensor.
- Operate the remote control from a position where the remote sensor is visible.
- Do not drop the remote control or jolt it.
- Keep the remote control out of locations with excessively high temperature or humidity.
- Do not get water on the remote control or place wet objects on it.
- Do not disassemble the remote control.
- Do not have one old and one new battery in the remote
- Remove batteries should the remote not be used for long periods of time

## Powering On/Off The Projector

### Boot operation

1. Complete the AC power cord and peripheral signal cable(s) connections
2. Switch on power switch or alternatively press the “Power” button on the remote
3. The projector takes a minute or so to warm up, after a few seconds an image will appear on the screen.
4. A new projector may have an unclear image, in this instance use the Keystone to adjust the image.



### Turn off operations

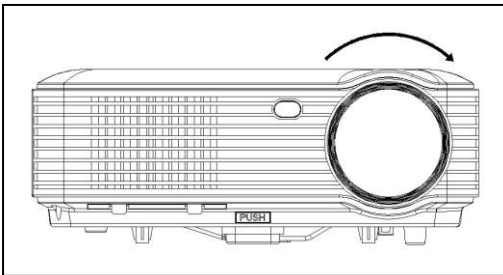
1. Push power key once to turn off the unit
2. Push power key twice to switch the unit onto standby mode

## Image Adjustments

A new projector may have distorted proportions, in this instance use the Keystone to correct and realign the image

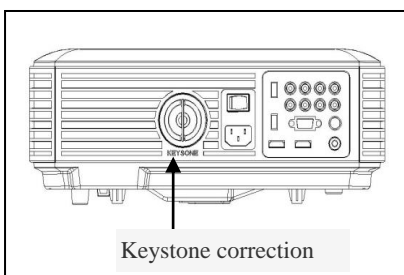
### Focus adjustment

1. Focus the image by rotating the focus ring in a clockwise direction (Picture 1) and then again slowing in a counter clockwise rotation. It is best to focus the projector using a still image.
2. Turn the tuning focal ring to adjust the image size.



### Keystone

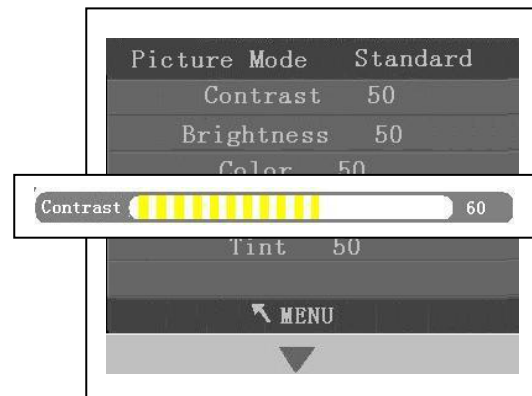
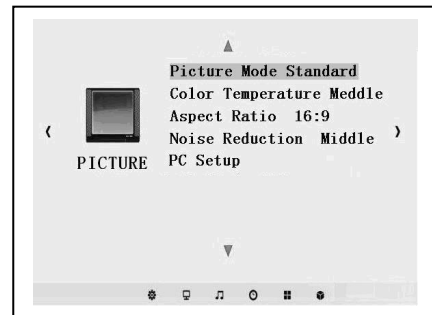
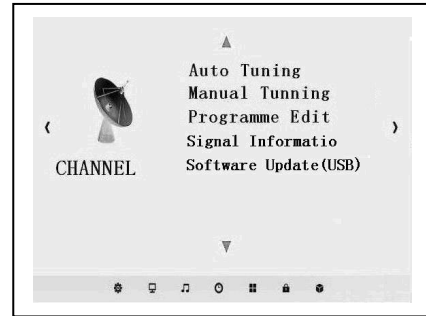
Manually correct distorted images resulting from an angled projection. The Keystone correction knob is shown in Picture 3. The maximum amplitude is  $\pm 15$  degrees. If the keystone correction knob is set at its highest and does not eliminate distortion, shorten the distance between the projector and the screen. The projection angle can be changed by rotating the base plate angle adjustment Lift bracket.



(Picture 3)

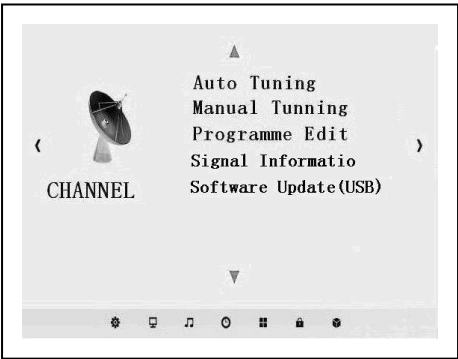
## Menu Settings

1. Press Main Menu button on the projector
2. Use the '◀ ▶' Arrow buttons to change the current menu – Picture, Channel, Sound, Time, Options and Application.
3. When the required menu has been found press "ok".
4. Press the '▲ ▼' Arrow buttons to select the Required setting (Figure 2).
5. Press ok on the required setting and use the arrow key to change the setting.
6. Press the Menu button to confirm your settings.



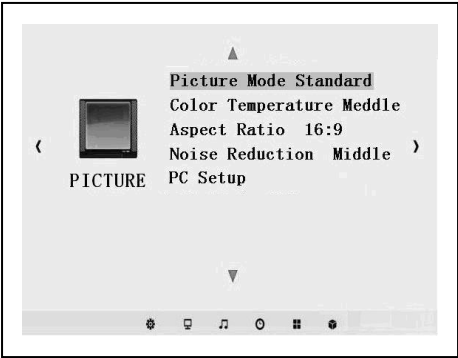
Note: If a menu option is greyed out, this item cannot be selected or changed.

Channel menu



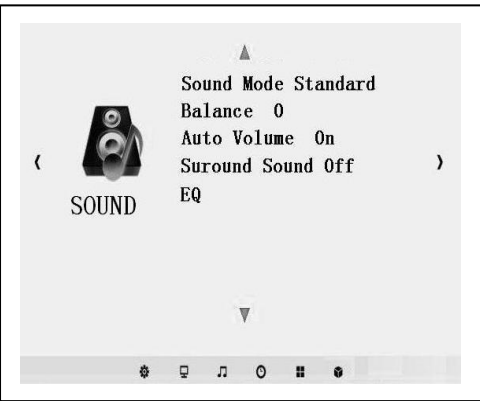
CHANNEL Menu interface	
Auto Tuning	Auto scan and install TV channel
Manual Tuning	Manual scan and install TV channels
Programme Edit	Edit TV Programme
Signal information	Display current signal information
Software Update (USB)	Update system

Picture menu



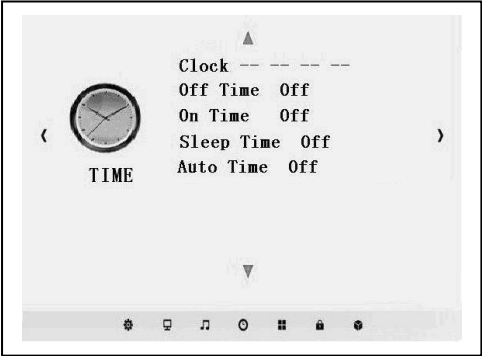
Picture menu interface	
Picture mode standard	Picture Mode Setting
Color temperature	Color Temperature Setting
Zoom mode	Picture 4:3、16: 9 Zoom adjust。
Noise reduction	Noise Reduction Setting
Setting	PC Setting in PC mode

Sound menu



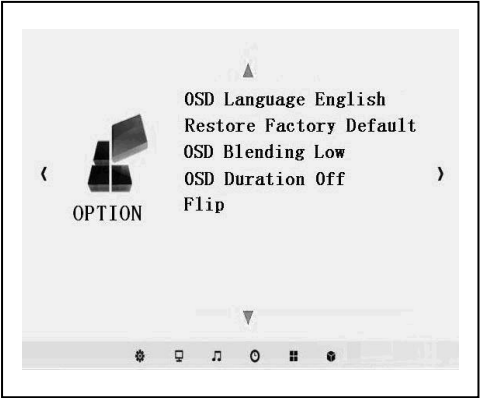
Sound Mode interface	
Sound Mode	Sound Mode setting
Balance	Sound balance Setting
Auto Volume	Auto Volume Setting
Surround Sound	Surround Sound Setting
EQ	sound output's adjusting

Time menu



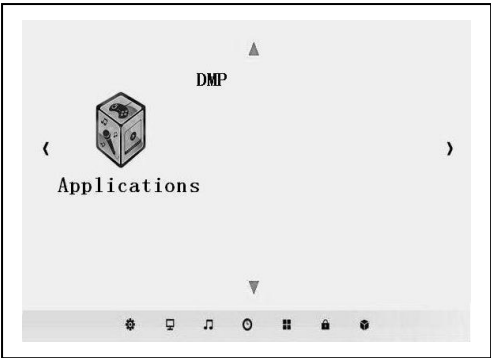
Time menu interface	
Clock	The current time setting
Off time	Off time setting
On time	On time setting
Sleep time	Sleep time setting
Auto Sleep	Auto Time standby setting

Option menu



Option menu interface	
OSD Language	Menu Language Setting
Country	Set local country time area
Restore Factory Default	Restore Factory Default
OSD Blending	Restore Factory Default Setting
OSD Duration	Manu Display time Setting

Applications menu



Applications menu interface	
DMP	Go to USB mode

### Application mode instructions



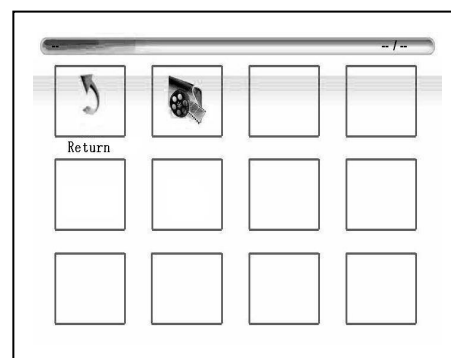
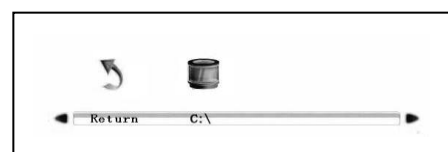
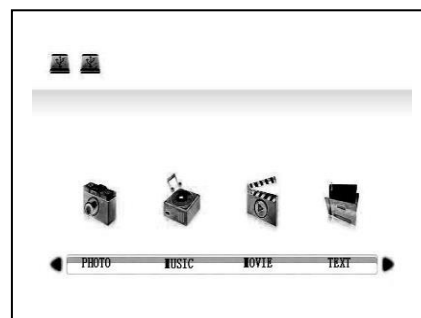


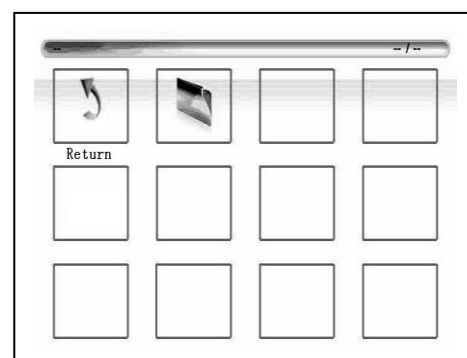
1. Insert USB and select the Application Mode.  
The screen will display the multimedia options Menu (Figure 1)
2. Press " " key to choose the required Multi Media Option - Picture, Channel, Sound, Time, Options and Application.
- 3) Use the "OK" button on the remote control to select the required option

Figure 1





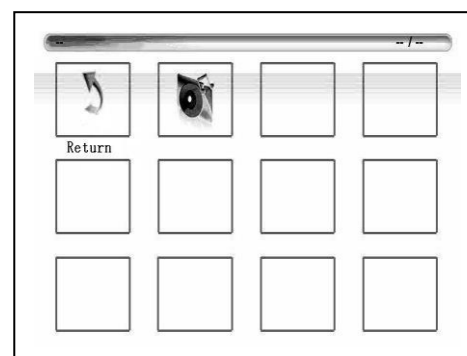
### Operating an Image File

1. In the Application menu use the " " to select the picture option.
2. Use the arrow keys to select the image and press "OK"
3. Using the play button will allow the images to play in a slide show format.



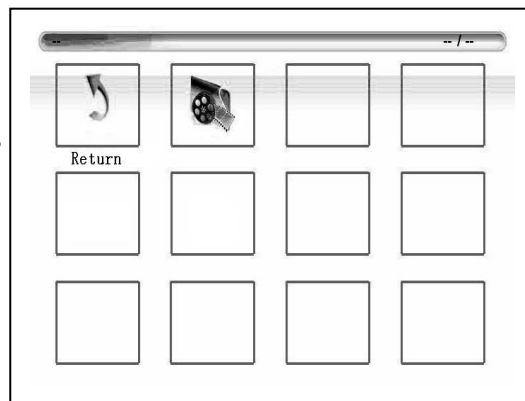
### Operating a Music File

1. In the Application menu use the " " to select the music option.
2. Use the arrow keys to select the music file and press "OK"
3. Using the play button will allow the music files to play consecutively.



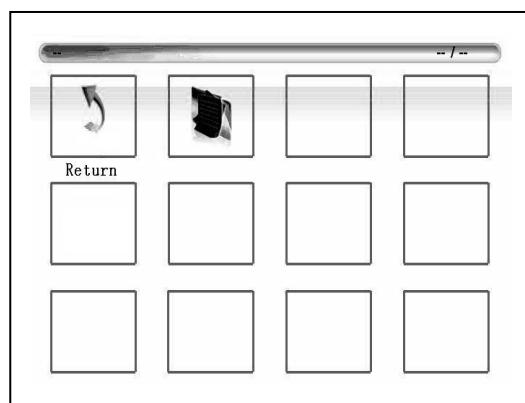
## Operating a Movie File

1. In the Application menu use the "◀ ▶" to select the movie option.
2. Use the arrow keys to select the movie file and press "OK" or play.



## The operation of the text file

1. In the Application menu use the "◀ ▶" to select the text option.
2. Use the arrow keys to select the text file and press "OK" or play.



## Supported Formats



MPEG1/MPEG2/MPEG4/RM/RMVB/MOV/MJPEG/Divx/VOB



WMA/MP3/M4A (AAC)



JPEG/BMP/PNG

# Troubleshooting

Refer to the symptoms and measures listed below before sending the projector for repairs. If the problem persists, contact your local reseller or service center.

## Start-up problems

If no lights turn on:

- Be sure that the power cord is securely connected to the projector and the other end is plugged into an outlet with power.
- Press the power button again.
- Unplug the power cord and wait for a short while, then plug it in and press the power button again.

## Image problems

If the searching source is displayed:

- Press Source to select an active input source.
- Be sure the external source is turned on and connected.
- For a computer connection, ensure your notebook computer's external video port is turned on. Refer to the computer manual.

If the image is out of focus:

- While displaying the on-screen menu, adjust the focus ring.
- Check the projection lens to see if it needs cleaning.

## Remote control problems

If the remote control does not operate:

- Be sure nothing is blocking the remote control receiver on the front of the projector. Use the remote control within the effective range.
- Aim the remote control at the screen or at the front of the projector.
- Move the remote control so it is more directly in front of the projector and not as far to the side.
- Check that the batteries are not flat

## Sound Problems

If there is no sound:

- Check that the volume is not on minimum or Mute
- Check the Audio Input
- Check that the audio equipment is not on Minimum or Mute

## Packing List

The user needs to ensure that the unit comes complete with the following:

Projector.....	1 pcs
Remote control .....	1 pcs
Power Cable.....	1 pcs
AV Signal Cable.....	1 pcs
VGA Cable.....	1 pcs
User Manual.....	1 pcs

## Specifications

### OP0475 - Parrot Projector

Projection Technology	5.8" LCD x 1
Standard Resolution(dpi)	1280*800
Maximum resolution(dpi)	1920*1080 (1080i)
Brightness (peak)	3000 Lumens
Projection Screen Size	30 inches ~300 inches
Projection Distance	1.2m - 6m
Projection Lens   Focal Length	Projector special lens   F = 190m
Contrast ( Standard)	2000:1
Aspect Ratio Display	4:3/16:9
Lamp	American Bridgelux LED chips
Lamp Life	20000 Hours
CPU	ARm-Cortex-S805—A5quad-core CPU + quad-core GPU
ARM	1GB DDR3
FLASH	8GB NAND Flash
Keystone Correction	+/-15" Vertical
Flip the screen	Support
Projection Method	Front / hanging cast / placed
Noise at Work (db)	<35dB

Menu Language	English and multi-langue menu
Light bulbs	Led Lights
Total power consumption(W)	160W
Input port	AV, YPRPB, VGA, HDMIx2, USBx2, TV(Analog TV)
Video signal	PAL / NTSC / SECAM
Audio input	Audio input (RCA pin × 2, left and right channels)
Audio output	Built - in Speaker (2W × 2)
Picture Format	JPG, BMP, PNG
Audio Format	WMA, MP3, M4A, (ACC)
Video Format	MPEG1, MPEG2, MPEG4, RM, AVI,RMVB, MOV, MKV , DIVX, VOB, M-JPEG
Power source	AC100 - 240V (±10%) 50/60Hz
Accessories	Power Cord, VGA Cable, AV Cable, Remote Control, Manual
Product size (L * W * H)	338*118*260mm
Net Weight (Kg)	3.4KG
Carton (L * W * H)	380*340*166mm
Weight (Kg)	4.5Kg
Two carton (L * W * H)	392*375*358mm
Colour	White

**Note:** Design and Specifications are subject to change without prior notice.