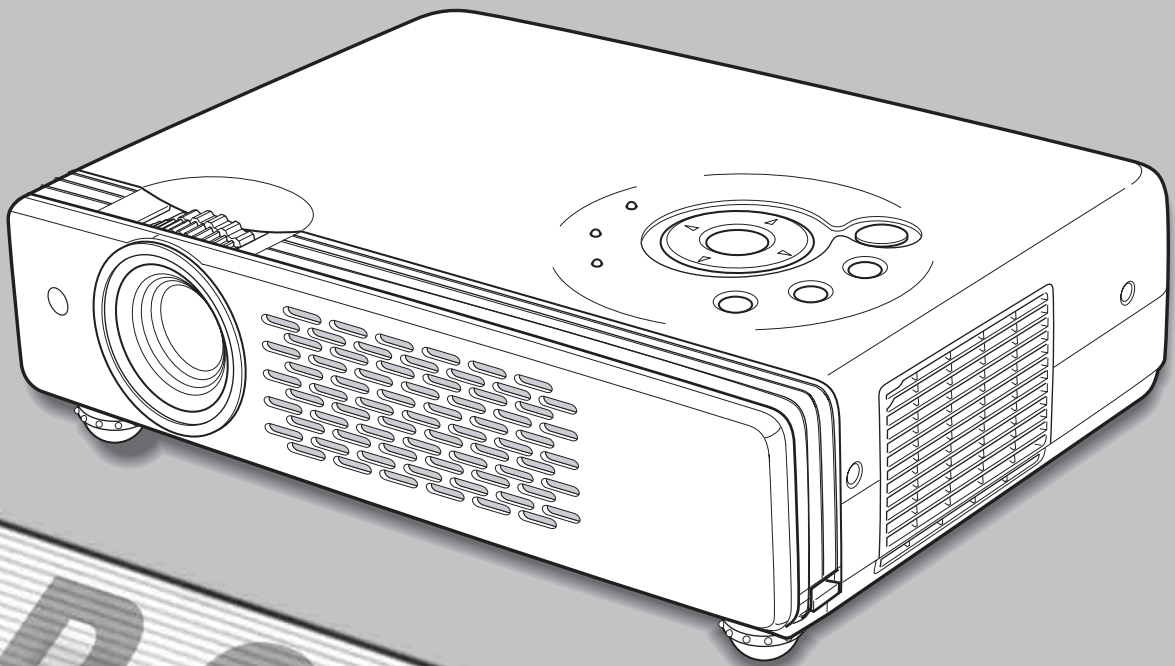


**SANYO**

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Multimedia Projector

MODEL PLC-XU47



Owner's Manual

**ProSelecta**

View :: Compare :: Select - [www.ProSelecta.com](http://www.ProSelecta.com)





# To the Owner

Before operating this projector, read this manual thoroughly and operate the projector properly.

This projector provides many convenient features and functions. Operating the projector properly enables you to manage those features and maintains it in better condition for a considerable time.

Improper operation may result in not only shortening the product-life, but also malfunctions, fire hazard, or other accidents.

If your projector seems to operate improperly, read this manual again, check operations and cable connections and try the solutions in the "Troubleshooting" section in the end of this booklet. If the problem still persists, contact the dealer where you purchased the projector or the service center.

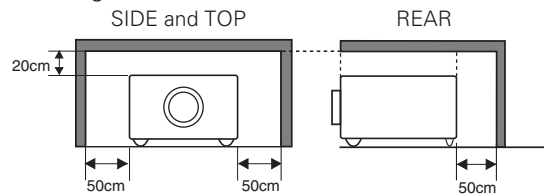
	<b>CAUTION</b> <b>RISK OF ELECTRIC SHOCK</b> <b>DO NOT OPEN</b>	
<b>CAUTION :</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE EXCEPT LAMP REPLACEMENT. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		
	THIS SYMBOL INDICATES THAT DANGEROUS VOLTAGE CONSTITUTING A RISK OF ELECTRIC SHOCK IS PRESENT WITHIN THIS UNIT.	
	THIS SYMBOL INDICATES THAT THERE ARE IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE OWNER'S MANUAL WITH THIS UNIT.	



## Safety Precaution

**WARNING :** TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

- This projector produces intense light from the projection lens. Do not stare directly into the lens as possible. Eye damage could result. Be especially careful that children do not stare directly into the beam.
- Install the projector in a proper position. If not, it may result in a fire hazard.
- Provide appropriate space on the top, sides and rear of the projector cabinet for allowing air circulation and cooling the projector. Minimum clearance must be maintained. If the projector is to be built into a compartment or similarly enclosed, the minimum distances must be maintained. Do not cover the ventilation slot on the projector. Heat build-up can reduce the service life of your projector, and can also be dangerous.



- Do not put any flammable object or spray can near the projector, hot air is exhausted from the ventilation holes.
- If the projector is not to be used for an extended time, unplug the projector from the power outlet.

**READ AND KEEP THIS OWNER'S MANUAL FOR LATER USE.**

## CAUTION

Not for use in a computer room as defined in the Standard for the Protection of Electronic Computer/Data Processing Equipment, ANSI/NFPA 75.

Ne puet être utilisé dans une salle d'ordinateurs telle que définie dans la norme ANSI/NFPA 75 Standard for Protection of Electronic Computer/Data Processing Equipment

# Safety Instructions

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

Read all of the instructions given here and retain them for later use. Unplug this projector from AC power supply before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.

Follow all warnings and instructions marked on the projector.

For added protection to the projector during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet. This will prevent damage due to lightning and power line surges.

---

Do not expose this unit to rain or use near water... for example, in a wet basement, near a swimming pool, etc...

Do not use attachments not recommended by the manufacturer as they may cause hazards.

Do not place this projector on an unstable cart, stand, or table. The projector may fall, causing serious injury to a child or adult, and serious damage to the projector. Use only with a cart or stand recommended by the manufacturer, or sold with the projector. Wall or shelf mounting should follow the manufacturer's instructions, and should use a mounting kit approved by the manufacturers.

An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



---

Slots and openings in the back and bottom of the cabinet are provided for ventilation, to ensure reliable operation of the equipment and to protect it from overheating.

The openings should never be covered with cloth or other materials, and the bottom opening should not be blocked by placing the projector on a bed, sofa, rug, or other similar surface. This projector should never be placed near or over a radiator or heat register.

This projector should not be placed in a built-in installation such as a book case unless proper ventilation is provided.

Never push objects of any kind into this projector through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the projector.

Do not install the projector near the ventilation duct of air-conditioning equipment.

This projector should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied, consult your authorized dealer or local power company.

Do not overload wall outlets and extension cords as this can result in fire or electric shock. Do not allow anything to rest on the power cord. Do not locate this projector where the cord may be damaged by persons walking on it.

Do not attempt to service this projector yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

Unplug this projector from wall outlet and refer servicing to qualified service personnel under the following conditions:

- a. When the power cord or plug is damaged or frayed.
- b. If liquid has been spilled into the projector.
- c. If the projector has been exposed to rain or water.
- d. If the projector does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions as improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the projector to normal operation.
- e. If the projector has been dropped or the cabinet has been damaged.
- f. When the projector exhibits a distinct change in performance-this indicates a need for service.

When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, or injury to persons.

Upon completion of any service or repairs to this projector, ask the service technician to perform routine safety checks to determine that the projector is in safe operating condition.



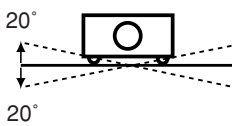
**Voor de klanten in Nederland**

Bij dit product zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA.



## Installing the Projector in Proper Position

Install the projector properly. Improper installation may reduce the lamp lifetime and cause a fire hazard.



Do not tilt the projector more than 20 degrees above and below.



Do not put the projector on either side to project an image.

**NO SIDEWAYS**



Do not point the projector down to project an image.

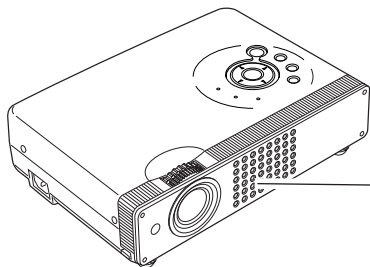


Do not point the projector up to project an image.

**NO UPWARD**

**NO DOWNWARD**

## Air Circulation



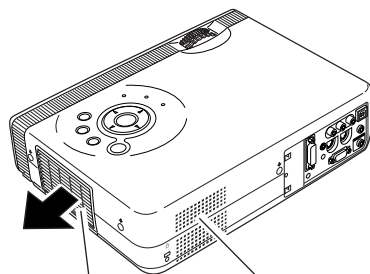
Air Intake Vent



**CAUTION**

Hot air is exhausted from the exhaust vent. When using or installing the projector, the following precautions should be taken.

- Do not put any flammable objects near the vent.
- Keep the exhaust vent at least 3'(1m) away from any objects.
- Do not touch a peripheral part of the exhaust vent, especially screws and metallic part. This area will become hot while the projector is being used.
- Do not put anything on the cabinet. The materials put on the cabinet will not only get damaged but also cause fire hazard by heat.



Exhaust Vent  
(Hot air exhaust)

Air Intake Vent

Cooling fans are provided to cool down the projector. This projector monitors internal temperature and control the running speed of the cooling fans.

## Moving the Projector

When moving the projector, replace the lens cover and retract the adjustable feet to prevent damage to the lens and cabinet. When the projector is not in use for an extended period, put it into the carrying bag supplied with the projector. The carrying bag is intended for protection from dust and scratches on the surface of a cabinet, and it is not designed to protect the projector from external forces. Do not transport the projector through a courier or transport services with this bag. The projector can be damaged. When handling the projector, do not drop, bump, subject it to strong forces or put other things on the cabinet.



### **CAUTION IN CARRYING OR TRANSPORTING THE PROJECTOR**

- Do not drop or bump the projector, otherwise damages or malfunctions may result.
- When carrying the projector, use a suitable carrying case.
- Do not transport the projector by using a courier or transport service in an unsuitable transport case. This may cause damage to the projector. To transport the projector through a courier or transport service, consult your dealer for best way.

# Compliance

## Federal Communication Commission Notice

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.

Use of shielded cable is required to comply with class B limits in Subpart B of Part 15 of FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Model Numbers : PLC-XU47  
Trade Name : Sanyo  
Responsible party : SANYO FISHER COMPANY  
Address : 21605 Plummer Street, Chatsworth, California 91311  
Telephone No. : (818)998-7322

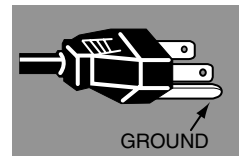
## AC POWER CORD REQUIREMENT

The AC Power Cord supplied with this projector meets the requirement for use in the country you purchased it.

### AC Power Cord for the United States and Canada :

AC Power Cord used in the United States and Canada is listed by the Underwriters Laboratories (UL) and certified by the Canadian Standard Association (CSA).

AC Power Cord has a grounding-type AC line plug. This is a safety feature to be sure that the plug will fit into the power outlet. Do not try to defeat this safety feature. Should you be unable to insert the plug into the outlet, contact your electrician.



### AC Power Cord for the United Kingdom :

This cord is already fitted with a moulded plug incorporating a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced, an ASTA approved BS 1362 fuse must be used of the same rating, marked thus  $\diamond$ . If the fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug (i.e. red or orange). Fuse covers are available from the Parts Department indicated in your User Instructions.

If the plug supplied is not suitable for your socket outlet, it should be cut off and destroyed.

The end of the flexible cord should be suitably prepared and the correct plug fitted. (See Over)

**WARNING : A PLUG WITH BARED FLEXIBLE CORD IS HAZARDOUS IF ENGAGED IN A LIVE SOCKET OUTLET.**

The Wires in this mains lead are coloured in accordance with the following code:

Green-and-yellow ..... Earth  
Blue ..... Neutral  
Brown ..... Live

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows:

The wire which is coloured green-and-yellow must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  $\perp$  or coloured green or green-and-yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

**WARNING : THIS APPARATUS MUST BE EARTHED.**

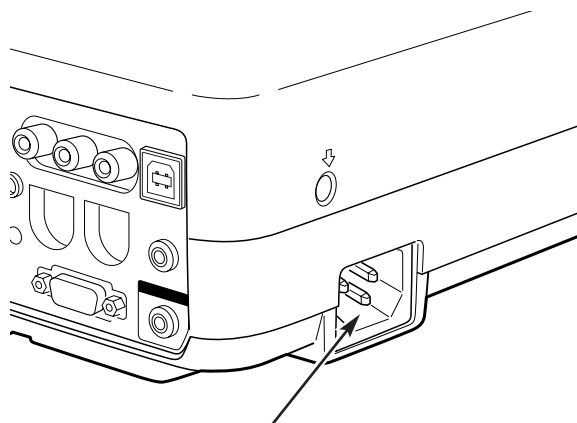
**THE SOCKET-OUTLET SHOULD BE INSTALLED NEAR THE EQUIPMENT AND EASILY ACCESSIBLE.**

## Connecting the AC Power Cord

This projector uses nominal input voltages of 100-120 V or 200-240 V AC. This projector automatically selects the correct input voltage. It is designed to work with single-phase power systems having a grounded neutral conductor. To reduce risk of electrical shock, do not plug into any other type of power system.

Consult your authorized dealer or service station if you are not sure of the type of power being supplied.

Connect the projector with all peripheral equipment before turning the projector on. (See page 17-18 for connection.)



Connect AC power cord (supplied) to the projector. The AC outlet must be near this equipment and must be easily accessible.



### CAUTION

For safety, unplug AC power cord when the projector is not in use.

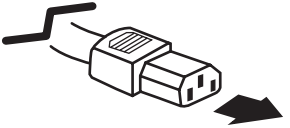
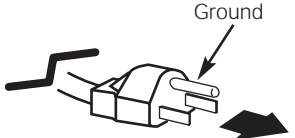
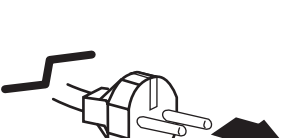
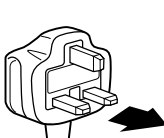
When this projector is connected to an outlet with AC power cord, it is in Stand-by mode and consumes a little electric power.

### NOTE ON THE POWER CORD

AC power cord must meet requirement of the country where you use a projector.

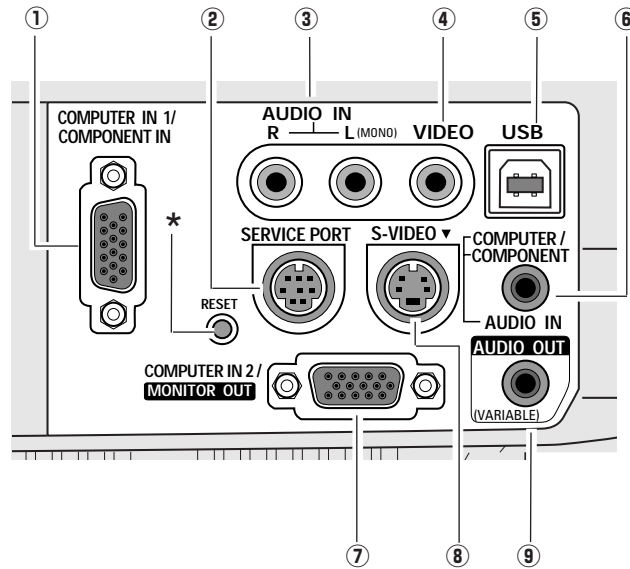
Confirm an AC plug type with the chart below and proper AC power cord must be used.

If supplied AC power cord does not match your AC outlet, contact your sales dealer.

Projector side	AC outlet side		
 <p data-bbox="240 1281 462 1333">To power cord connector on your projector.</p>	<p data-bbox="495 1081 803 1113"><b>For the U.S.A. and Canada</b></p>  <p data-bbox="625 1281 787 1344">To the AC outlet. (120 V AC)</p>	<p data-bbox="836 1081 1128 1113"><b>For Continental Europe</b></p>  <p data-bbox="950 1281 1128 1354">To the AC outlet. (200 - 240 V AC)</p>	<p data-bbox="1226 1081 1388 1113"><b>For the U.K.</b></p>  <p data-bbox="1274 1281 1453 1333">To the AC outlet. (200 - 240 V AC)</p>



## Terminal

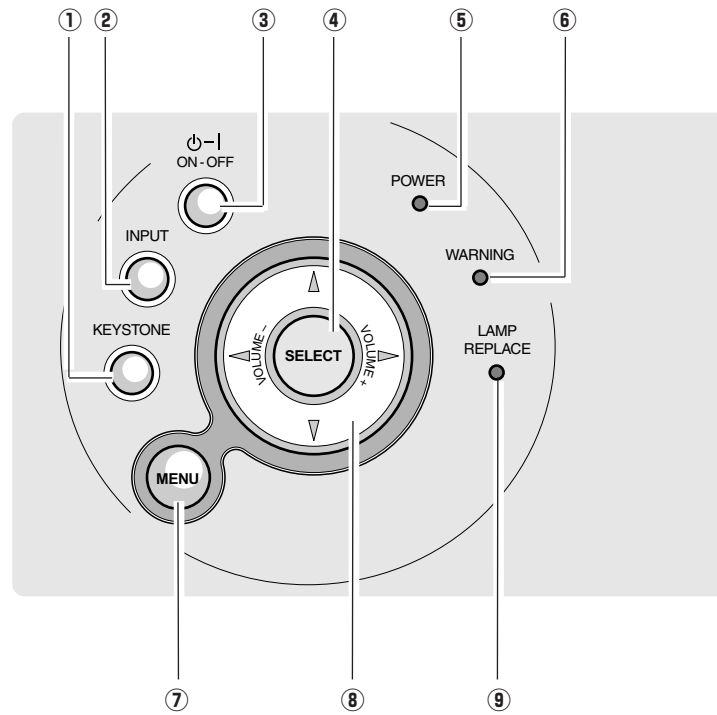


- ① **COMPUTER IN 1 / COMPONENT IN**  
Connect computer input or component input to this terminal.
- ② **SERVICE PORT**  
This jack is used to service this projector.
- ③ **AUDIO IN**  
Connect the audio output from video equipment connected to ④ or ⑧ to this jack. (When the audio output is monaural, connect it to L (MONO) jack.)
- ④ **VIDEO**  
Connect the composite video output from video equipment to VIDEO jack.
- ⑤ **USB (Series B)**  
When operating the connected computer with the remote control, connect USB port of your computer to this connector with a USB cable.
- ⑥ **AUDIO IN COMPUTER / COMPONENT**  
Connect the audio output (stereo) from a computer or video equipment connected to ① or ⑦ to this jack.
- ⑦ **COMPUTER IN 2 / MONITOR OUT**  
This terminal is switchable and can be used as computer input, RGB Scart 21-Pin Video input, or monitor output. Set the terminal up as either Computer input or Monitor output properly before using this terminal. An optional cable is required when using this terminal as or RGB Scart 21-Pin Video input.
- ⑧ **S-VIDEO**  
Connect the S-VIDEO output from video equipment to this jack.
- ⑨ **AUDIO OUT (VARIABLE)**  
Connect an external audio amplifier to this jack. This terminal outputs sound from AUDIO IN terminal (③ or ⑥).

\* A built-in micro processor which controls this unit may occasionally malfunction and need to be reset. This can be done by pressing the RESET button with a pen, which will shut down and restart the unit. Do not use the RESET function excessively.

## Top

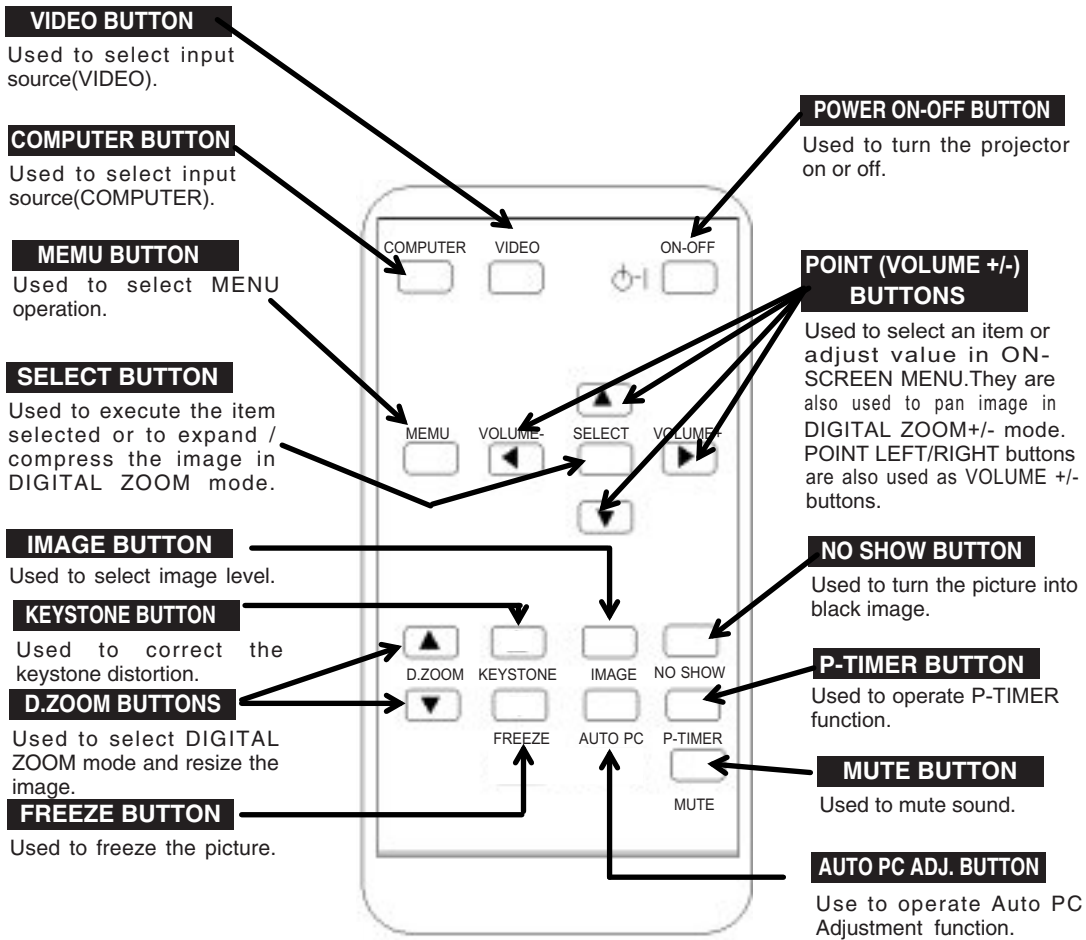
This projector has control buttons and indicators on its top.



- ① **KEystone button**  
Corrects keystone distortion.
- ② **INPUT button**  
Selects input source.
- ③ **POWER ON-OFF button**  
Turns the projector on or off.
- ④ **SELECT button**  
Executes the item selected. It is also used to expand / compress the image in Digital zoom +/- mode.
- ⑤ **POWER indicator**  
Flashes red until the projector gets ready to be turned on. It turns red when the projector is in the stand-by mode. It remains green while the projector is under operation.
- ⑥ **WARNING indicator**  
Lights red when the projector detects abnormal condition. This also flashes red when the internal temperature of the projector exceeds the operating range.
- ⑦ **MENU button**  
Opens or closes the On-Screen Menu.
- ⑧ **POINT (Up/Down/Left/Right) button**  
Selects an item or adjusts value in the On-Screen Menu. These are also used to pan the image in the Digital zoom +/- mode.  
  
Point Left/Right button are used as VOLUME +/- button.
- ⑨ **LAMP REPLACE indicator**  
Turns yellow when the life of the projection lamp draws to an end.



# OPERATION OF REMOTE CONTROL



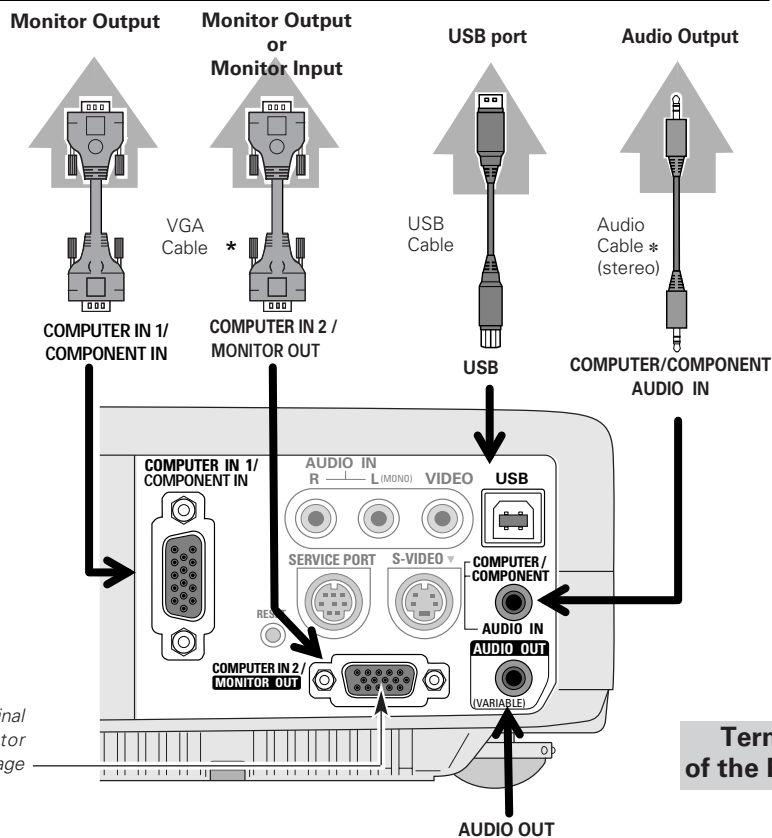
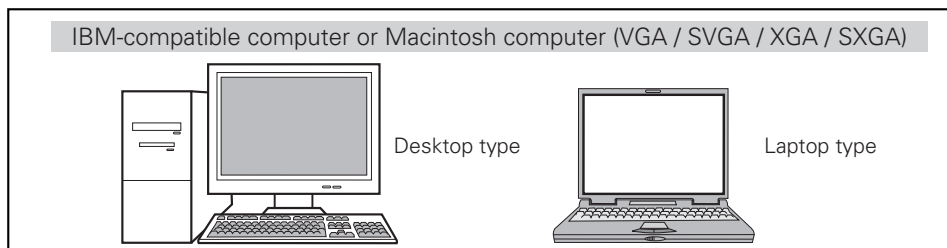
To insure safe operation, please observe the following precautions :

- Do not bend, drop Remote Control Unit, or expose Remote Control Unit to moisture or heat.
- For cleaning, use soft dry cloth. Do not apply benzene, thinner, splay or any chemical material.

## Connecting to a Computer

**Cables used for connection** (\* = These accessories are not supplied with this projector.)

- VGA Cable (HDB 15 pin) \*
- Audio Cables ( Mini Plug (stereo) x 2) \*
- USB Cable

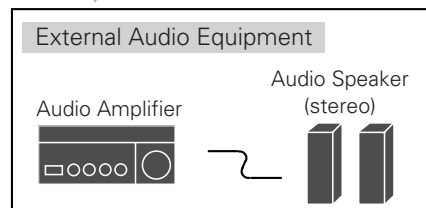
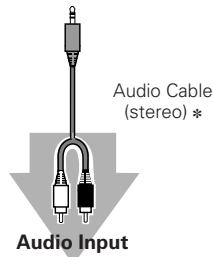


**Terminals of the Projector**

**NOTE**

- This terminal is switchable. Set the terminal up as either Computer input or Monitor output before using this terminal. (See Page 39.)

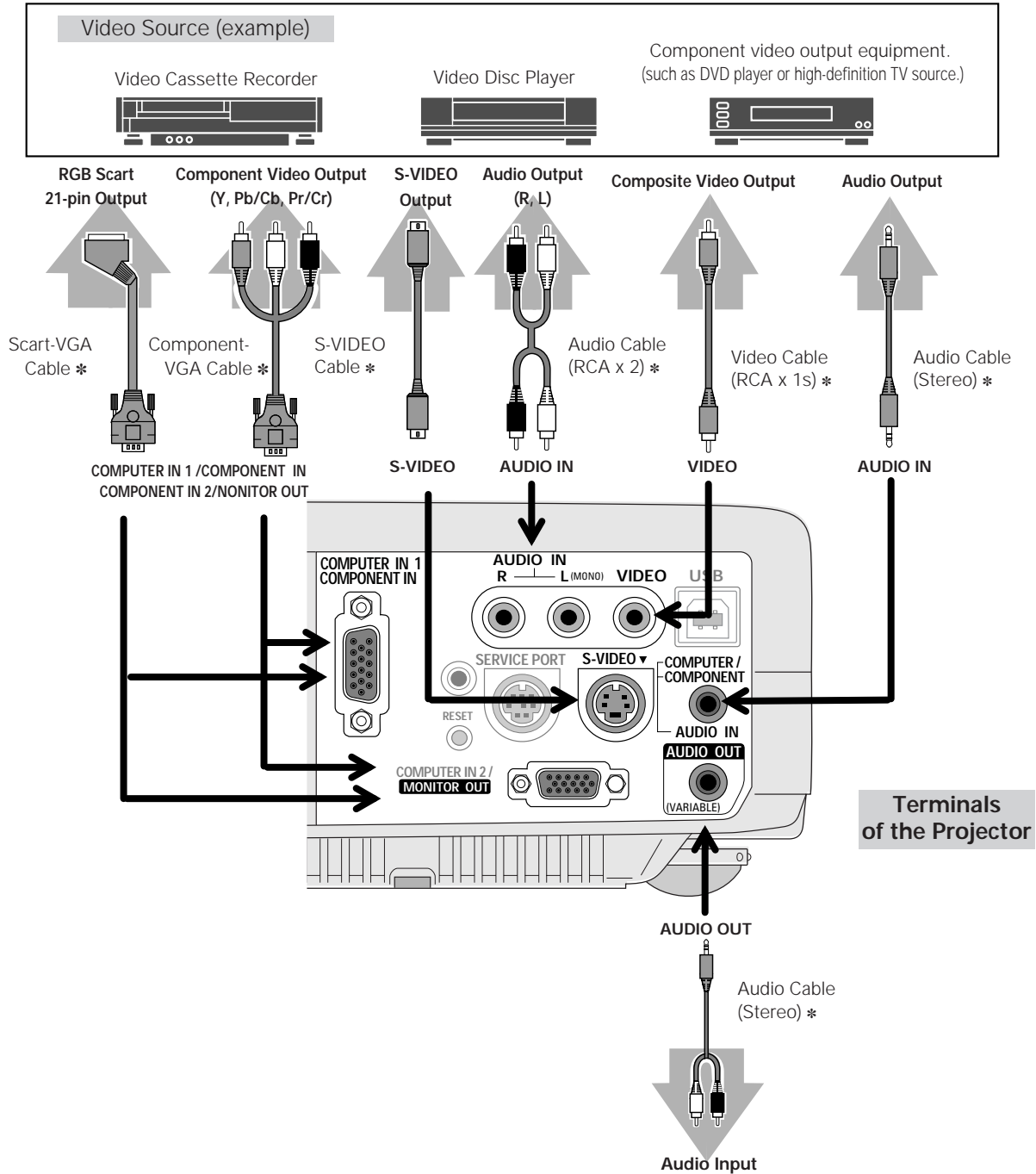
**NOTE :** When connecting the cable, the power cords of both the projector and the external equipment should be disconnected from AC outlet.



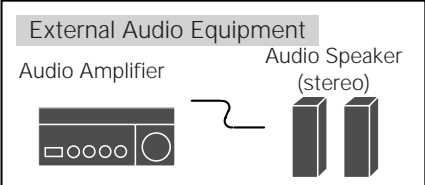
## Connecting to Video Equipment

**Cables used for connection** (\* = These accessories are not supplied with this projector.)

- Video Cable (RCA x 1) \*
- S-VIDEO Cable \*
- Audio Cables (Mini Plug (stereo) x 2 or RCA x 2) \*
- Scart-VGA Cable \*
- Component-VGA Cable \*
- Scart-VGA Cable \*
- Component-VGA Cable \*



**NOTE :**  
When connecting the cable, the power cords of both the projector and the external equipment should be disconnected from AC outlet.



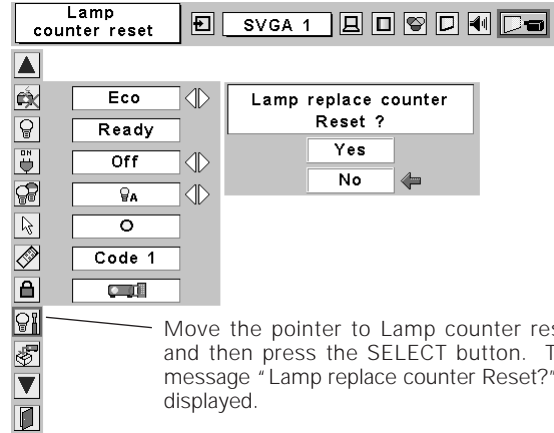
## Lamp Replace Counter

Be sure to reset the lamp replace counter after the lamp is replaced. When the lamp replace counter is reset, the LAMP REPLACE indicator stops lighting.

- 1 Turn the projector on, press the MENU button and the On-Screen Menu will appear. Press the Point Left/Right button to move the red frame pointer to the Setting Menu icon.
- 2 Press the Point Down button to move the red frame pointer to the Lamp counter reset item and then press the SELECT button. The message "Lamp replace counter Reset?" is displayed. Move the pointer to [Yes] and then press the SELECT button.
- 3 Another confirmation dialog box appears and select [Yes] to reset the Lamp replace counter.

### NOTE

- Do not reset the Lamp replace counter without implementation of lamp replacement. Be sure to reset the Lamp replace counter only after replacing the lamp.



Move the pointer to Lamp counter reset and then press the SELECT button. The message "Lamp replace counter Reset?" is displayed.



## LAMP HANDLING PRECAUTIONS

This projector uses a high-pressure lamp which must be handled carefully and properly. Improper handling may result in accidents, injury, or create a fire hazard.

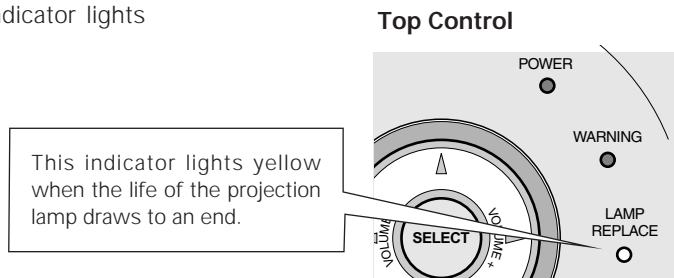
- Lamp lifetime may differ from lamp to lamp and according to the environment of use. There is no guarantee of the same lifetime for each lamp. Some lamps may fail or terminate their lifetime in a shorter period of time than other similar lamps.
- If the projector indicates that the lamp should be replaced, i.e., if the LAMP REPLACE indicator lights up, replace the lamp with a new one IMMEDIATELY after the projector has cooled down. ( Follow carefully the instructions in the Lamp Replacement section of this manual. ) Continuous use of the lamp with the LAMP REPLACE indicator lighted may increase the risk of lamp explosion.
- A Lamp may explode as a result of vibration, shock or degradation as a result of hours of use as its lifetime draws to an end. Risk of explosion may differ according to the environment or conditions in which the projector and lamp are being used.

### IF A LAMP EXPLODES, THE FOLLOWING SAFETY PRECAUTIONS SHOULD BE TAKEN.

If a lamp explodes, disconnect the projector's AC plug from the AC outlet immediately. Contact an authorized service station for a checkup of the unit and replacement of the lamp. Additionally, check carefully to ensure that there are no broken shards or pieces of glass around the projector or coming out from the cooling air circulation holes. Any broken shards found should be cleaned up carefully. No one should check the inside of the projector except those who are authorized trained technicians and who are familiar with projector service. Inappropriate attempts to service the unit by anyone, especially those who are not appropriately trained to do so, may result in an accident or injury caused by pieces of broken glass.

## Lamp Replacement

When the life of the projection lamp of this projector draws to an end, the LAMP REPLACE indicator lights yellow. If this indicator lights yellow, replace the lamp with a new one promptly.



### CAUTION

Allow a projector to cool, for at least 45 minutes before you open the Lamp cover. The inside of the projector can become very hot.

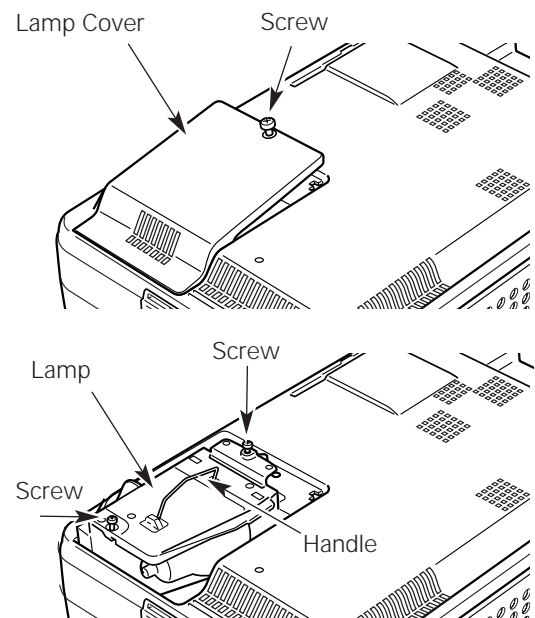


### CAUTION

For continued safety, replace with a lamp of the same type. Do not drop a lamp or touch a glass bulb! The glass can shatter and may cause injury.

Follow these steps to replace the lamp.

- 1** Turn off the projector and disconnect the AC plug. Allow the projector to cool for at least 45 minutes.
- 2** Loosen the screw with a screwdriver, and remove the lamp cover.
- 3** Loosen 2 screws of the lamp with a screwdriver and pull out the lamp by grasping the handle.
- 4** Replace the lamp with a new one and tighten the 2 screws back into position. Make sure that the lamp is set properly. Replace the lamp cover and tighten the screw.
- 5** Connect the AC power cord to the projector and turn on the projector.
- 6** **Reset the Lamp replace counter.**  
See "Lamp Replace Counter" on the next page .



### ORDER REPLACEMENT LAMP

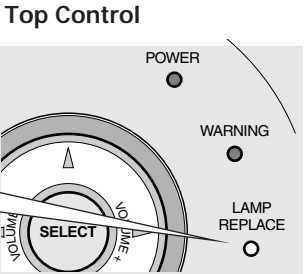
Replacement lamp can be ordered through your dealer. When ordering a projection lamp, give the following information to the dealer.

- **Model No. of your projector** : **PLC-XU47**
- **Replacement Lamp Type No.** : **POA-LMP65**  
(Service Parts No. 610 307 7925)

**Lamp Replacement**

When the life of the projection lamp of this projector draws to an end, the LAMP REPLACE indicator lights yellow. If this indicator lights yellow, replace the lamp with a new one promptly.

This indicator lights yellow when the life of the projection lamp draws to an end.



**CAUTION**

Allow a projector to cool, for at least 45 minutes before you open the Lamp cover. The inside of the projector can become very hot.

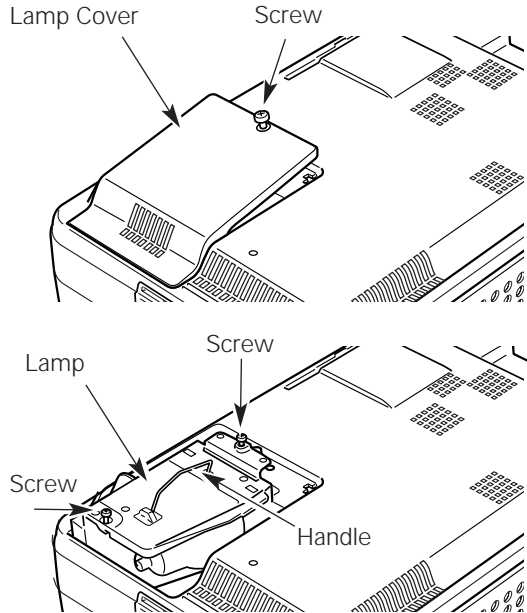


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**ORDER REPLACEMENT LAMP**

Replacement lamp can be ordered through your dealer. When ordering a projection lamp, give the following information to the dealer.

- **Model No. of your projector** : **PLC-XU47**
- **Replacement Lamp Type No.** : **POA-LMP55**  
(Service Parts No. 610 309 2706)

## Technical Specifications

<b>Projector Type</b>	Multi-media Projector
<b>Dimensions (W x H x D)</b>	11.73" x 2.8" x 8.43" (298mm x 71mm x 214mm) (not including adjustable feet)
<b>Net Weight</b>	6.0 lbs (2.7 kg)
<b>LCD Panel System</b>	0.8" TFT Active Matrix type, 3 panels
<b>Panel Resolution</b>	1024 x 768 dots
<b>Number of Pixels</b>	2,359,296 (1024 x 768 x 3 panels)
<b>Color System</b>	PAL, SECAM, NTSC, NTSC4.43, PAL-M, and PAL-N
<b>High Definition TV Signal</b>	480i, 480p, 575i, 575p, 720p, 1035i, and 1080i
<b>Scanning Frequency</b>	H-sync. 15 ~ 100 KHz, V-sync. 50 ~ 100 Hz
<b>Projection Image size (Diagonal)</b>	Adjustable from 33" to 300"
<b>Projection Lens</b>	F 1.7 ~ 2.1 lens with f 26.7 mm ~ 32.0 mm with manual zoom and focus
<b>Throw Distance</b>	4.3' ~ 32.8' (1.3 m ~ 10.0 m)
<b>Projection Lamp</b>	200 W
<b>Video Input Jacks</b>	RCA Type x 1 (Video) and Mini DIN 4 pin x 1 (S-Video)
<b>Audio Input Jacks</b>	RCA Type x 2
<b>Computer In 1/Component In Terminal</b>	(VGA) HDB 15 Terminal x 1
<b>Computer In 2 /Monitor Output Terminal</b>	(VGA) HDB 15 Terminal x 1
<b>Computer / Component Audio Input Jack</b>	Mini Jack (stereo) x 1
<b>Service Port Connector</b>	Mini DIN 8 pin x 1
<b>USB Connector</b>	USB Series B receptacle x 1
<b>Audio Output Jack</b>	Mini Jack (stereo) x 1 (variable with volume)
<b>Internal Audio Amp</b>	1.0 W RMS
<b>Built-in Speaker</b>	1 speaker, $\phi$ 1.1" (28mm)
<b>Feet Adjustment</b>	0' to 11.8'
<b>Voltage and Power Consumption</b>	AC 100 ~ 120 V (3.6 A Max. Ampere), 50 / 60 Hz (The U.S.A and Canada) AC 200 ~ 240 V (1.8 A Max. Ampere), 50 / 60 Hz (Continental Europe and The U.K.)
<b>Operating Temperature</b>	41 °F ~ 95 °F (5 °C ~ 35 °C)
<b>Storage Temperature</b>	14 °F ~ 140 °F (-10 °C ~ 60 °C)
<b>Remote Control</b>	Power Source : AA, UM3 or R06 Type x 2 Operating Range : 16.4' (5m) / $\pm$ 30' Dimensions : 2.0" x 1.0" x 7.1" (50mm x 27mm x 181mm) Net Weight : 0.34 lbs (154 g) (including batteries)
<b>Accessories</b>	Owner's Manual AC Power Cord Remote Control and Batteries VGA Cable USB Cable Carrying Bag Lens Cover String for Lens Cover

- The specifications are subject to change without notice.
- LCD panels are manufactured to the highest possible standards. Even though 99.99% of the pixels are effective, a tiny fraction of the pixels (0.01% or less) may be ineffective by the characteristics of the LCD panels.
- The On-Screen Menu and figures in this manual may differ slightly from the product.