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Electronic Warranty Registration

To meet your future needs, and to receive any additional product information as it becomes available, please register your projector's warranty on the Internet at:

http://www.viewsonic.com

For Your Records

Product Name: ViewSonic PJ1075

Model Number: VPROJ22255-1W

Document Number:PJ1075_UG_89

Serial Number: _____

Purchase Date: _____

Customer Support

Country/Region	T = Telephone, F = FAX	Email
United States	**T:** (800) 688-6688 **F:** (909) 468-1202	vstech@viewsonic.com
Canada	**T:** (800) 688-6688 **F:** (909) 468-1202	vstech@viewsonic.com
United Kingdom	**T:** 0800 833 648 **F:** 0044 (0)1293 643910	----------
Europe, Middle East, Baltic countries, and North Africa	**T:** 0044 (0)1293 643900 **F:** 0044 (0)1293 643910	----------
Australia	(contact reseller)	----------
New Zealand	**T:** 64-3-366-1135 **F:** 64-3-366-7006	mbarlass@vistech.co.nz
Singapore/Southeast Asia	**T:** 65-273-4018 **F:** 65-273-1566	viewsonicspore@pacific.net.sg
Other Asia/Pacific countries and Indian Peninsula	**T:** 886-2-2248-4072 **F:** 886-2-2240-8238	vsi@viewsonic.com.tw
South Africa	**T:** 27-11-314-0002 **F:** 27-11-314-0002	atscom@mweb.co.za

LIMITED WARRANTY

VIEWSONIC Projector

What the warranty covers:

ViewSonic® warrants its products to be free from defects in material and workmanship during the warranty period. If a product proves to be defective in material or workmanship during the warranty period, **ViewSonic** will at its sole option repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components.

How long the warranty is effective:

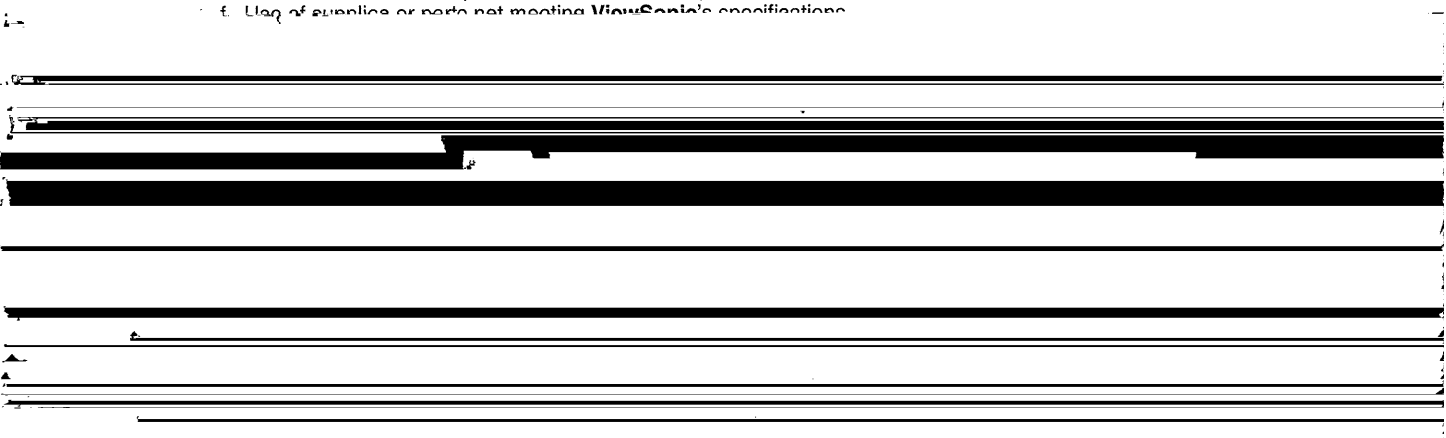
ViewSonic projectors are warranted for two (2) year for all parts excluding the lamp, two (2) years for all labor, and ninety (90) days for the lamp from the date of the first consumer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Any product on which the serial number has been defaced, modified or removed.
2. Damage, deterioration or malfunction resulting from:
   a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
   b. Repair or attempted repair by anyone not authorized by **ViewSonic.**
   c. Any damage of the product due to shipment.
   d. Removal or installation of the product.
   e. Causes external to the product, such as electric power fluctuations or failure.
   f. Use of supplies or parts not meeting **ViewSonic**'s specifications.



   g. Normal wear and tear.
   h. Any other cause which does not relate to a product defect.
3. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact **ViewSonic Customer Support.** You will need to provide your product's serial number.
2. To obtain warranted service, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized **ViewSonic** service center or **ViewSonic.**
4. For additional information or the name of the nearest **ViewSonic** service center, contact **ViewSonic.**

Limitation of implied warranties:

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Exclusion of damages:

VIEWSONIC'S LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. **VIEWSONIC** SHALL NOT BE LIABLE FOR:

1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE WITH BUSINESS RELATIONSHIPS, OR OTHER COMMERCIAL LOSS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
2. ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.
3. ANY CLAIM AGAINST THE CUSTOMER BY ANY OTHER PARTY.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the

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Usage Notice

⚠ **Warning-** Do not look into the lens. The bright light may hurt your eyes.

⚠ **Warning-** To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.

⚠ **Warning-** Please do not open or disassemble the product as this may cause electric shock.

⚠ **Warning-** When changing the lamp, please allow unit to cool down, and follow all changing instructions.

⚠ **Warning-** This product will detect the life of the lamp itself. Please be sure to change the lamp when it shows warning messages.

⚠ **Warning-** After changing a new lamp, please reset the lamp life from OSD menu.

⚠ **Warning-** Before switching off the product, please keep the cooling fan running for a few minutes.

Precautions

Follow all warnings, precautions and maintenance as recommended in this

Do:

- Turn off the product before cleaning.
- Use a soft cloth moistened with mild detergent to clean the display housing.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.

Don't:

Introduction

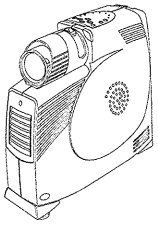
Product Features

This product, is an XGA single chip 0.9" DLP™ Projector. The outstanding features of it are listed as follows:

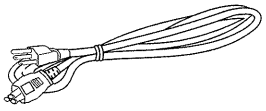
- True XGA, 1024 x 768 addressable pixels
- 5 lbs (2.3 kgs) lightweight compact design
- Single chip DLP™ technology
- SXGA compression and VGA, SVGA re-sizing
- 150 Watts user replaceable P-VIP lamp
- Mac/NEC PC-98/FM Towns compatible
- NTSC/NTSC4.43/PAL/PAL-M/PAL-N/SECAM compatible
- Full function wireless remote controller
- One touch auto image function for easy setup
- User friendly Multilingual on-screen display menu
- Advanced electronic keystone correction and picture in picture function
- Luxurious carrying case included

Package Overview

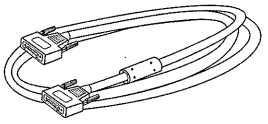
This projection display comes with all the items shown below. Check to make sure your unit is complete. Contact your dealer immediately if anything is missing.



Projection Display



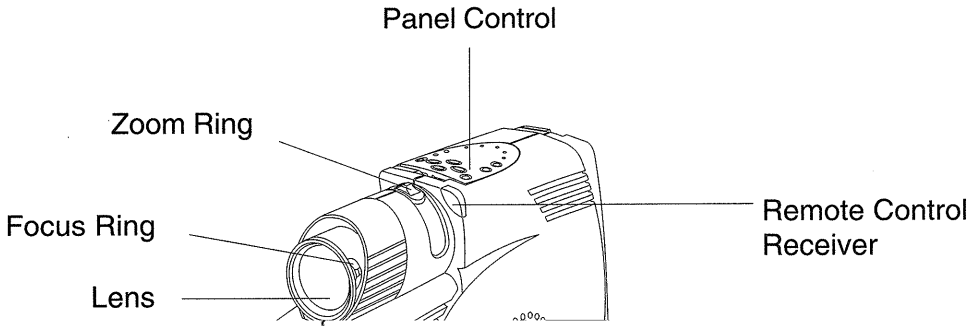
Power Cord



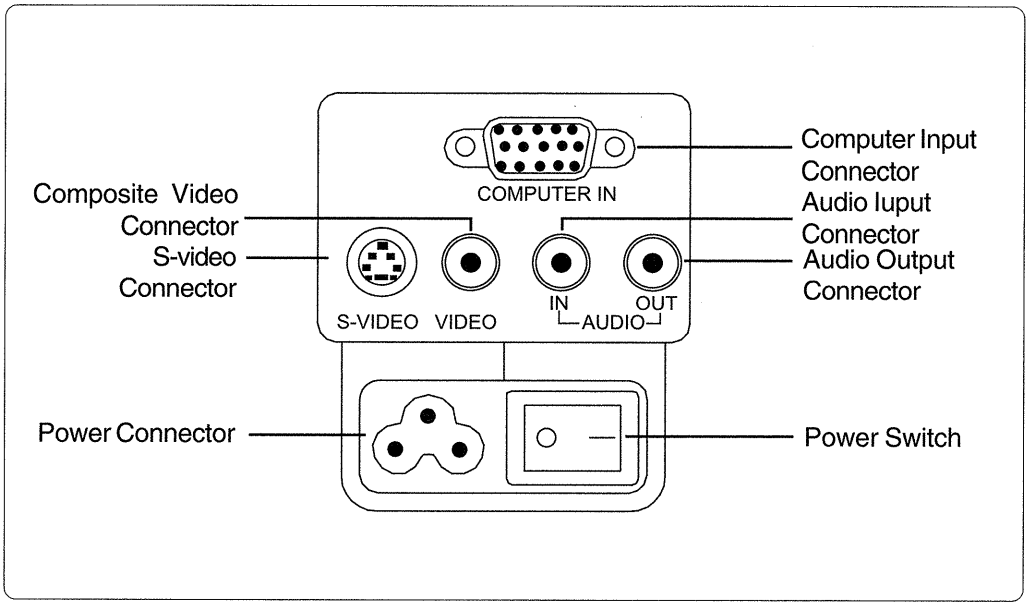
VGA Cable

Product Overview

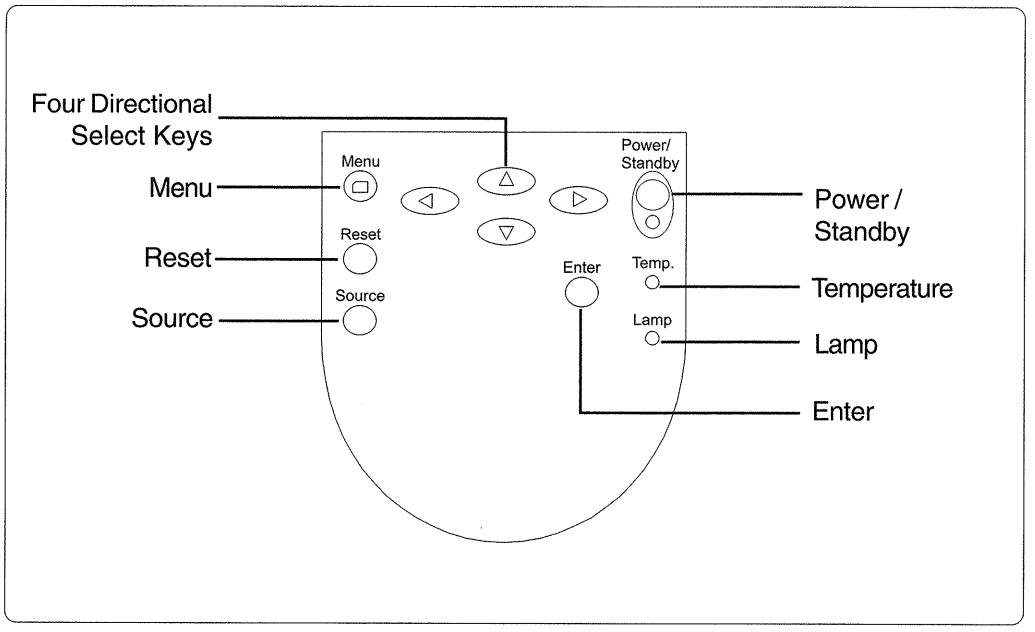
Main Unit



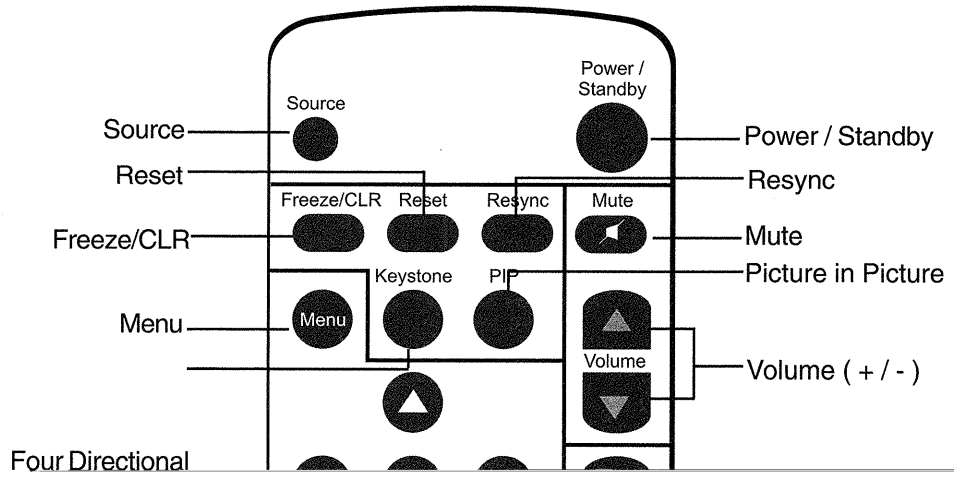
Connection Ports



Panel Control



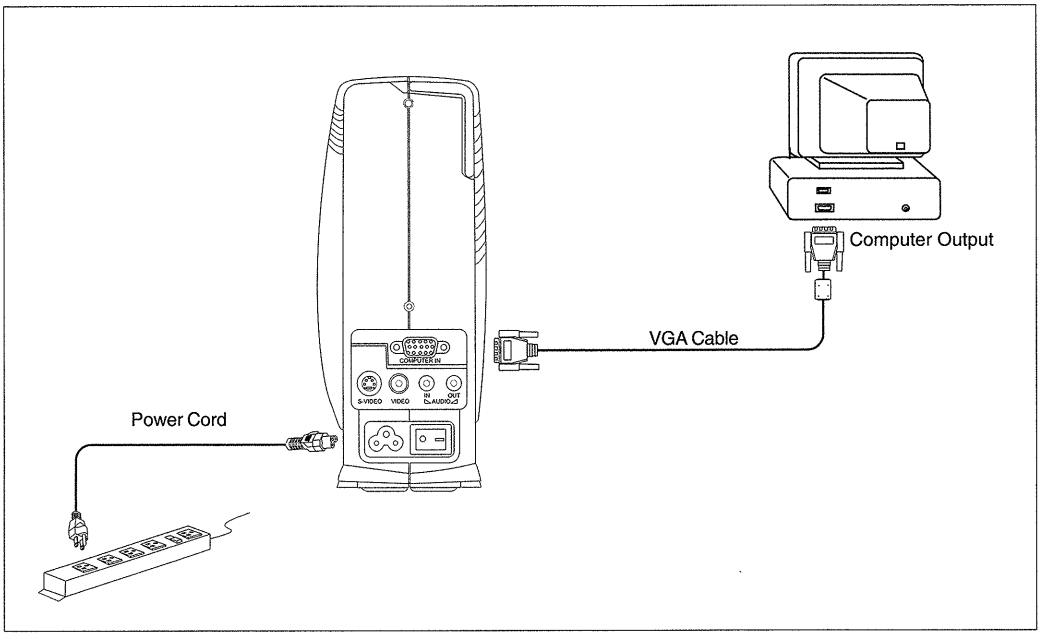
Remote Control



Installation

Connecting the Projector to Desktop Computer

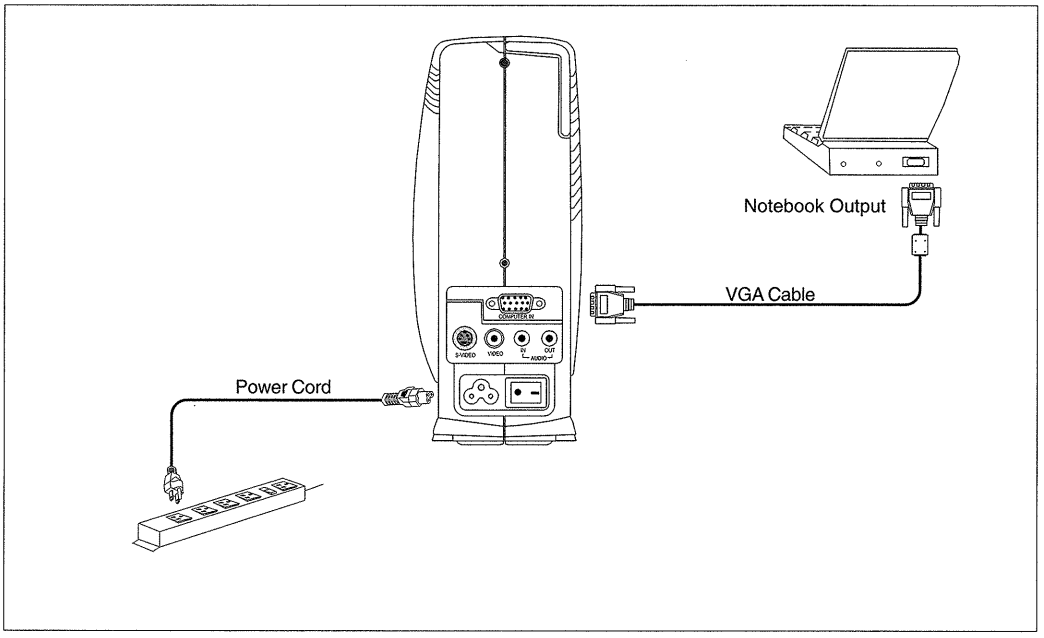
1. Make sure the projector and your computer are turned off.
2. Connect one end of the projector signal cable to the projector; connect the other end to the VGA connector on the computer and tignten the screws.
3. Connect one end of the power cord into the back of projector; connect the other end to an electrical outlet.



❖ *To ensure the projection display works well with your computer, please configure the display mode of your graphic card to make it less than or equal to 1024 X 768 resolution. Make sure timimg of the display mode is compatible with the projection display. Refer to the "Compatibility Modes" section on page 27.*

Connecting the Projector to Portable Computer

1. Make sure the projector and your notebook are turned off.
2. Connect one end of the projector signal cable to the projector; connect the other end to the VGA connector on the notebook and tignten the screws.
3. Connect one end of the power cord into the back of projector; connect the other end to an electrical outlet.



Connecting the Projector to Other Video Sources

❖ *If your video player uses a round, one-prong composite video connector, you'll need the video cable. If your video player uses a round, four-prong s-video connector, you'll need the s-video cable (See page 11 for detail information).*

Both cables are shipped with the projector.

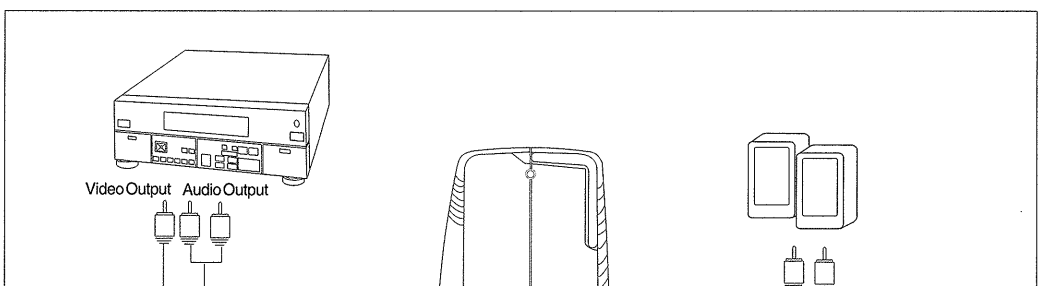
If you use the video cable:

1. Plug the video cable connector into the "Video out"port on your video player; plug the other end into the "Video"port on your projector.

2. Plug the audio cable white connector into the left "Audio out" port on your video player; plug the cable's red connector into the right "Audio out" port on the video player; plug the other end into the "Audio in" port on your projector.

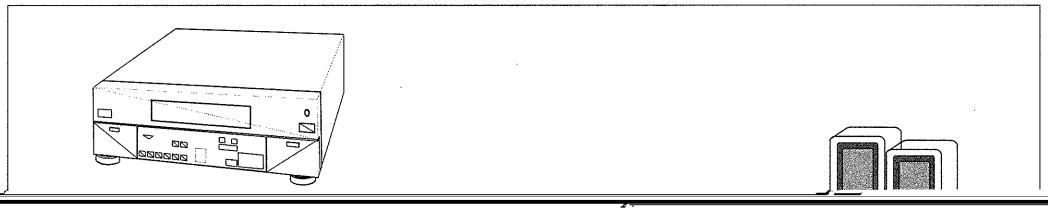
3. If you need to use an external speaker (built in amplifier), plug the audio cable white connector into the "Audio in" port on your speaker; plug the cable's red connector into the red "Audio in" port on the speaker; plug the other end into the "Audio out" port on the projector.

4. Connect one end of the power cord into the back of projector; connect the other end to an electrical outlet.



If you use the s-video cable:

1. Plug the s-video cable connector into the "S-Video"port on your video player; plug the other end into the "S-Video" port on your projector.
2. Plug the audio cable white connector into the left "Audio out" port on your video player; plug the cable's red connector into the right "Audio out" port on the video player; plug the other end into the "Audio in" port on your projector.
3. If you need to use an external speaker (built in amplifier), plug the audio cable white connector into the white "Audio in" port on your speaker; plug the cable's red connec tor into the red "Audio in" port on the speaker; plug the other end into the "Audio out" port on your projector.
4. Connect one end of the power cord into the back of projector; connect the other end to an electrical outlet.



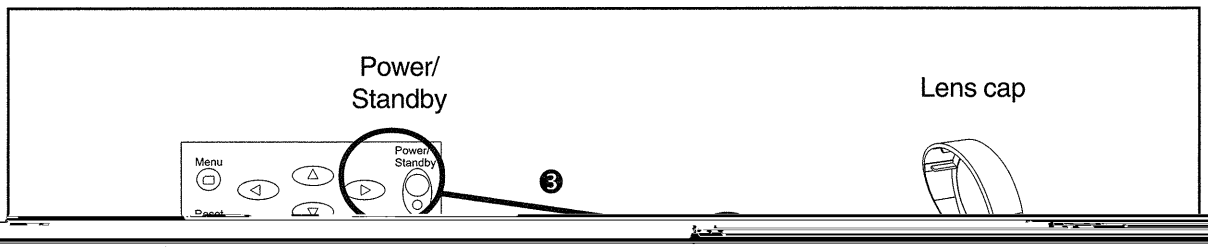
Power On/Off the Projection Display

◆ Powering On the Projection Display

1. Remove the lens cap.❶
2. Ensure that the power cord and signal cable are securely connected.
3. Turn on the main power switch on the back of the projector and allow the projector to warm up for 1-2 minutes.❷
4. Turn on the lamp by pressing "Power/Standby" button on the Panel Control.❸
   The startup screen will display for 30 seconds and the Power/Standby indicator will light solid green.
5. Turn on your source (computer, notebook, or video player ,etc.). The projector will detect your source automatically.

* *If the screen displays "No Signal" , please make sure the signal cables are securely connected.*

* *If you connect multiple sources at the same time, use the "Source" button on the Remote Control or Panel Control to switch.*



◆ Powering Off the Projection Display

1. Press the "Power/Standby" button to turn off the projector lamp.
2. After pressing the "Power/Standby" button, you will see a message " Power off the lamp? " on the on-screen display. Press the "Power/Standby" button again to confirm. Otherwise the message will disappear after 5 seconds.
3. "LAMP " LED indicator will flash amber for about one minute. After the "LAMP" LED indicator stops flashing , you can turn off the main power switch on the back of the projector.

   **If you want to turn on the main power switch immediately, you must allow about 10 minutes for thermal dissipation.*
4. Disconnect the power cord from the electrical outlet and the projector.

* *When the "LAMP" indicator lights solid amber; please change the lamp module immediately.*

* *When the "TEMP" indicator lights solid amber, it indicates the display has been overheated. The display will automatically shut itself down. Under normal conditions, the display can be switched on again for your presentation. If the problem persists, you should contact your local dealer or our service center.*

Adjusting the Projected Image

◆ Adjusting the Projector Height

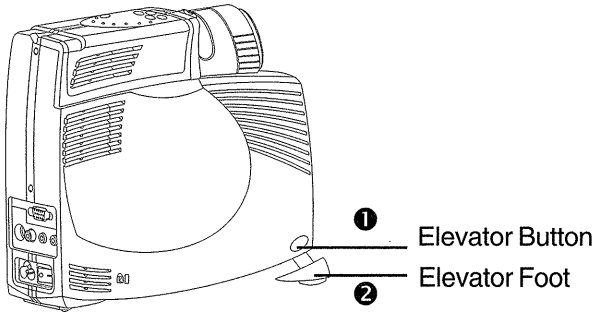
The projector is equipped with an elevator foot for adjusting the projector height.

To raise the projector:

1. Press and hold the elevator button ❶.
2. Raise the projector to the desired display angle ❷, then release the button to lock the elevator foot into position.

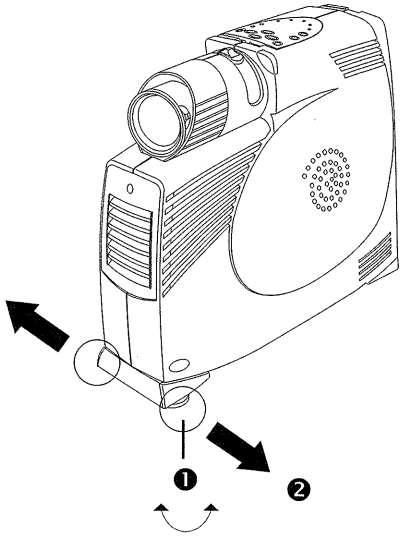
To lower the projector:

1. Press and hold the elevator button.
2. Lower down the projector, then release the button to lock the elevator foot into position.



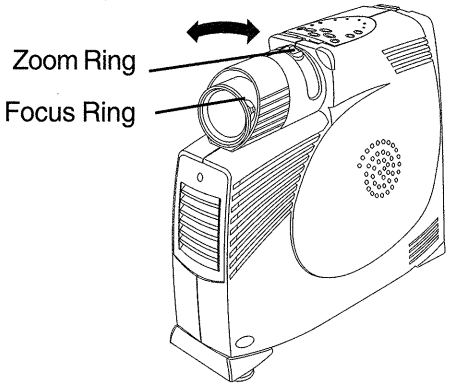
* *When you adjust the projector height; please place the projector on a flat surface and avoid falling down of the projector.*

* *For safety purpose, when you adjust the projector height; please loosen the wheels ❶ under the elevator foot and pull the stands out ❷ .*

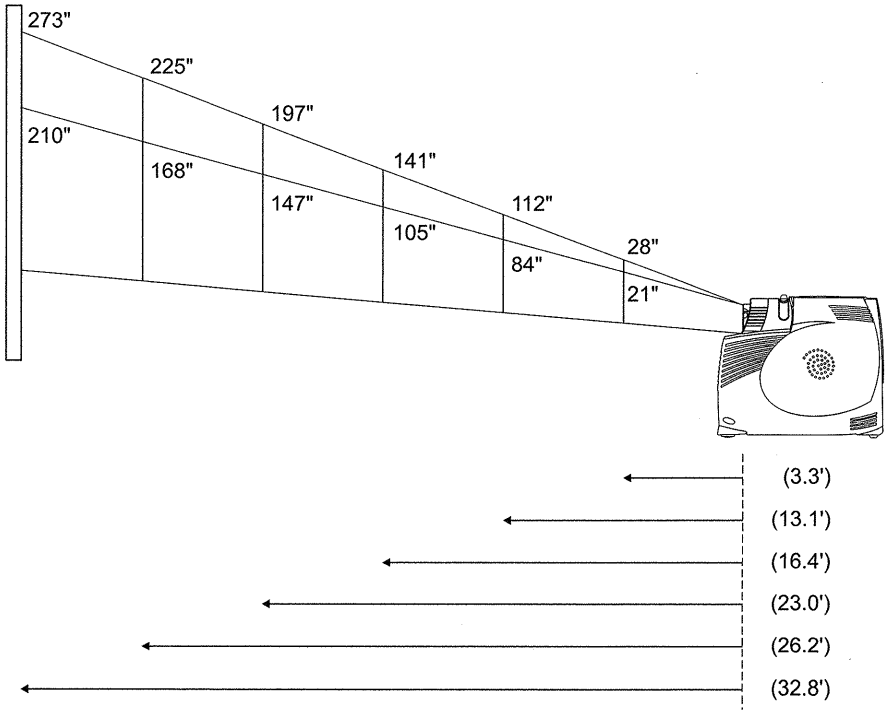


◆ Adjusting the Projector Focus

You may adjust zoom ring to zoom in / out. Rotate the room ring counter-clockwise to zoom in and clockwise to zoom out. To focus the image, rotate the focus ring until the image is clear. The projector will focus at distances from 3.3 feet to 32.8 feet (1m to 10m).



◆ Image Size Adjustment



Screen	Max.	28"	112"	141"	197"	225"	273"
	Min.	21"	84"	105"	147"	168"	210"
Distance		3.3'	13.1'	16.4'	23.0'	26.2'	32.8'
Screen	inch	21"	84"	105"	147"	168"	210"

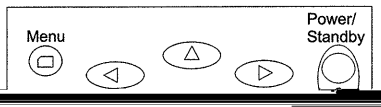
User Controls

Panel Control & Remote Control

There are two ways for you to control the functions: Remote Control and Panel Control.

Remote Control

Panel Control



Mute

- Silences the speaker

Enter

- Press "Enter" to confirm your selection.

Four Directional Select Keys

- Use ▲ or ▼ to select items. Use ◀ or ▶ to make adjustments for your selection.

Volume

- To increase the volume, press
- To decrease the volume, press
- To mute the volume, press "Mute"

Resync

- Automatically synchronizes the projector to the input source.

Freeze/CLR

- Press the "Freeze/CLR" button to still the screen image.
- When the OSD is displayed, press the "Freeze/CLR" button to exit the OSD.

PIP (Picture in Picture)

- Display a video source image on a small screen. (Computer mode only).
  Please refer to "Page 20" for more information.

Zoom In (Computer mode only)

- Magnifies an image up to a factor of 32 times on the projection screen.
- When the "Zoom" icon is displayed, you can use the four directional select keys to change the

On-Screen Display Menus

How to operate

- *The Projector has a multilingual On-Screen Display(OSD) menu that allows you to make image adjustments and change a variety of settings. In computer source, the OSD will be the "Computer OSD". In video source, the OSD will be the " Video OSD". The projector will detect the source automatically.*
- *To open the OSD menu, press the "menu" button on the Remote Control or Panel Control.*
- *To select among different menus, press the" Menu" button again. Then use ▲ ▼ to select different items and use ◀ ▶ to adjust your selection.*
- *To exit the OSD, choose the "Exit Menu" and press the enter button.*
- *When the OSD is displayed, press the "Freeze/CLR" button to exit the OSD.*

Language

- **Language**

  You can display the multilingual OSD menu . Use the " Up" and " Down" key to select the language you prefer. The menus redrew immediately.

Display

Adjusting the brightness of the image.

- Press the left key to darken the image.

Tint (Video mode only)

The tint adjusts the red-green color balance in the projected image.

- Press the left key to increase the amount of green in the image.
- Press the right key to increase the amount of red in the image.

Color (Video mode only)

The color setting adjusts a video image from black and white to fully saturated color.

- Press the left key to decrease the amount of color in the image.
- Press the right key to increase the amount of color in the image.

Image (Computer mode only)

Tracking

Choose "Tracking" item to synchronize the signal timing of the display with that of the graphic

Treble

The treble setting controls the higher frequencies of your audio source.

- Press the left button to decrease the treble.
- Press the right button to increase the treble.

Mute

- Choose the left icon to make the volume function ineffective.
- Choose the right icon to make the volume function effective.

Mono / Stereo / Stereo-enhance

- Mono: Mono sound effect.
- Stereo: Stereo sound effect.
- Stereo-enhance: Stereo-enhance sound effect.

Projection

Front-Desktop

The factory default setting.

Rear-Desktop

When you select this function, the projector reverses the image so you can project behind a translucent screen.

Front-Ceiling

When you select this function, the projector turns the image upside down for ceiling-mounted projection.

Rear-Ceiling

When you select this function, the projector reverses and turns the image upside down at same time. You can project from behind a translucent screen with ceiling mounted projection.

16 : 9 (Video mode only)

You can select this function to fit your DVD aspect ratio type.

4: 3 (Video mode only)

You can select this function to fit your DVD aspect ratio type.

PIP (Computer mode only)

Choose "On" to turn on the PIP screen. When the PIP screen displayed, use the four directional select keys to change the PIP screen position. Choose "Off" to trun off the PIP screen.

Lamp

Lamp Warning

Choose this function to show or hide the warning message when the lamp changing warning message is displayed.

Lamp Reset

Reset the lamp setting only when the lamp changing is done.

Exit Menu

Exit Menu

When you want to close the OSD menu, choose this item and select " Yes" to exit menu.

Reset All

Choose " Yes" to return the display parameters of the current mode to its factory default settings.

Appendices

Troubleshooting

If you are experiencing trouble with the projection display, refer to the following. If the problem persists, please contact your local dealer or our service center.

Problem: No image appears on screen.

- Ensure all the cables and power connections are correctly and securely connected as described in the "Installation" section.
- If the projector is plugged into a power strip, make sure the power strip is turned on.
- Ensure the pins of connectors are not crooked or broken.
- Check if the projection lamp has been securely installed. Please refer to the "Changing the lamp" section.
- Make sure you have removed the lens cap and the projector is switched on.

Problem: Partial, scrolling or incorrectly displayed image.

- Press the "Resync"button on the Remote Control.
- If you are using a PC:

  If the resolution of your computer is higher than 1024 x 768. Follow the steps outlined below to reset the resolution.

  For Windows 3.x:

  1. In the Windows Program Manager, click the "Windows Setup" icon in the Main group.
  2. Verify that your display resolution setting is less than or equal to 1024x 768.

  For Windows 95:

  1. Open "My Computer" icon, the "Control Panel" folder, and then double click the "Display" icon.
  2. Select the "Setting" tab.
  3. In the "Desktop Area" you will find the resolution setting. Verify that the resolution setting is less than or equal to 1024 x 768 resolution.

  If the projection display is still not projecting the whole image, you will need to also change the monitor display you are using. Refer to the following steps.

4. Follow above steps 1~2. Click on the "Advanced Properties " button.
5. Select the "Change" button under the "Monitor" tab .
6. Click on " Show all devices ". Then select " Standard monitor types " under the " Manufactures " box; choose the resolution mode you need under the " Models" box.
7. Verify that the resolution setting of the monitor display is less than or equal to 1024 x 768.

- If you are using a Notebook PC:
  1. You are required to implement above steps of resolution setting of computer first.
  2. Switch the Notebook PC display to the "external display only" or "CRT only" mode.

- If you are experiencing difficulty in changing resolutions or your monitor freezes

Problem : The screen is outstretched when displaying 16:9 DVD.

The projector itself will automatically detect 16:9 DVD and adjust the aspect ratio by digitize

Changing the lamp

The projection display will detect the lamp life itself. It will show you a warning message " Lamp is running out of standard lifetime. Be sure to replace the lamp as soon as possible.". When you see this message, change the lamp as soon as possible.

Make sure the projection display has been cooled for at least 30 minutes before changing the lamp.

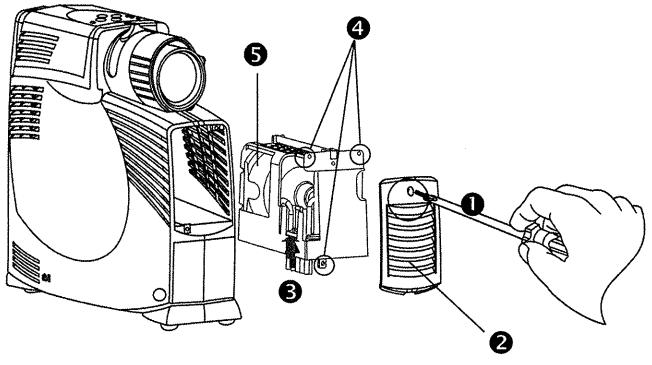
⚠ Warning: Lamp compartment is hot! Allow it to cool before changing lamps!

Lamp Changing Procedure:

1. Turn off the power to the projector by pressing the Power/Standby button.
2. Allow the projector to cool down at least 30 minutes.
3. Turn off the main power switch.
4. Disconnect the power cord.
5. Use screwdriver to remove the screw from the cover. ❶
6. Remove the cover. ❷
7. On the left side of the lamp module, push the electrical connector up to disengage it from the projector base. ❸
8. Remove the three screws from the lamp module.❹
9. Pull out the lamp module. ❺

To replace the lamp module, reverse the previous steps.

⚠ Warning: To reduce the risk of personal injury, do not drop the lamp module or touch the lamp bulb. The bulb may shatter and cause injury if it is dropped.



Specifications

Light Valve	- Single Chip DLP™ Technology	
Contrast Ratio	- 400:1 (Full On / Full Off)	
	- 200:1 (ANSI Contrast)	
Lamp	- 150W User Replaceable P-VIP Lamp	
Number of Pixels	- 1024 pixels(H) X 768 lines(V)	
Displayable Color	- 16.7M colors	
Projection Lens	- F2.8~3.1 f=31~40mm with 1.3 x zoom & focus	
Projection Screen Size	- 21"~ 273" Diagonal	
Projection Distance	- 3.3~32.8 ft (1m~10m)	
Computer Compatibility	- IBM & VESA VGA	640 x 350, 70/85Hz
		640 x 480, 70/85Hz
		720 x 400, 70/85Hz
		640 x 480, 60/72/75/85Hz
	VESA SVGA	800 x 600, 56/60/72/75/85Hz
	VESA XGA	1024 x 768, 43/60/70/75/85Hz
	SXGA	1280 x 1024 compressed 60/75Hz
	- Apple Macintosh LC 13"	640 x 480, 66.66Hz
	Apple Macintosh II 13"	640 x 480, 66.68Hz
	Apple Macintosh 16"	832 x 624, 74.55Hz
	Apple Macintosh 19"	1024 x 768, 75Hz
	- NEC PC-98 series	640 x 400, 56.42Hz
		640 x 480, 60/70Hz
	- Fujitsu FM Towns	640 x 480, 55.37/60Hz
		1280 x 1024, 60Hz compressed
Video Compatibility	- NTSC/NTSC 4.43/PAL/PAL-M/PAL-N/SECAM compatible	
	- Composite video & S-Video capability	
H. Frequency	- 15kHz~80kHz horizontal scan (15 kHz for TV mode)	
V. Frequency	- 43Hz~85Hz vertical refresh	
Multimedia Audio	- One internal speaker with 3 watt output	
	- Audio Line Output	
Power Supply	- Universal 110~240V AC 50/60 Hz	
Power Consumption	- 210 watts at normal operation	
I/O Connectors	- Power: AC Power Input Socket	
	- Computer Input: One 15-pin D-sub Computer Input	
	- Video Input: One Composite Video RCA Input	
	One S-Video Input	
	- Audio Input: One Phone Jack for Audio Input	
	- Audio Output: One Phone Jack for Audio Line out	
Weight	- 5 lbs. / 2.3 kgs	
Dimensions (W x H x D)	- 3.54 x 8.58 x 9.9 inches / 90 x 218 x 252 mm	
Environmental	- Operating Temperature:	10°~40°C/50°~104°F
	Humidity:	80% maximum
	- Storage Temperature:	-20°~60°C/ -4°~140°F
	Humidity:	80% maximum
Safety Regulation	- FCC,CE,VCCI,UL,CUL,TUV,BSMI	

Compatibility Modes

Mode	Resolution	V.Frequency (Hz)	H.Frequency (kHz)
VESA VGA	640 x 350	70	31.5
VESA VGA	640 x 350	85	37.9
VESA VGA	640 x 480	70	31.5
VESA VGA	640 x 480	85	37.9
VESA VGA	720 x 400	70	31.5
VESA VGA	720 x 400	85	37.9
VESA VGA	640 x 480	60	31.5
VESA VGA	640 x 480	72	37.9
VESA VGA	640 x 480	75	37.5
VESA VGA	640 x 480	85	43.3