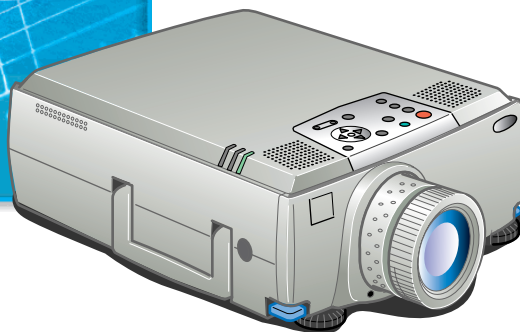


EPSON®

QUICK REFERENCE GUIDE

MM PROJECTOR
ULTI EDIA

EMP-8200/8200NL



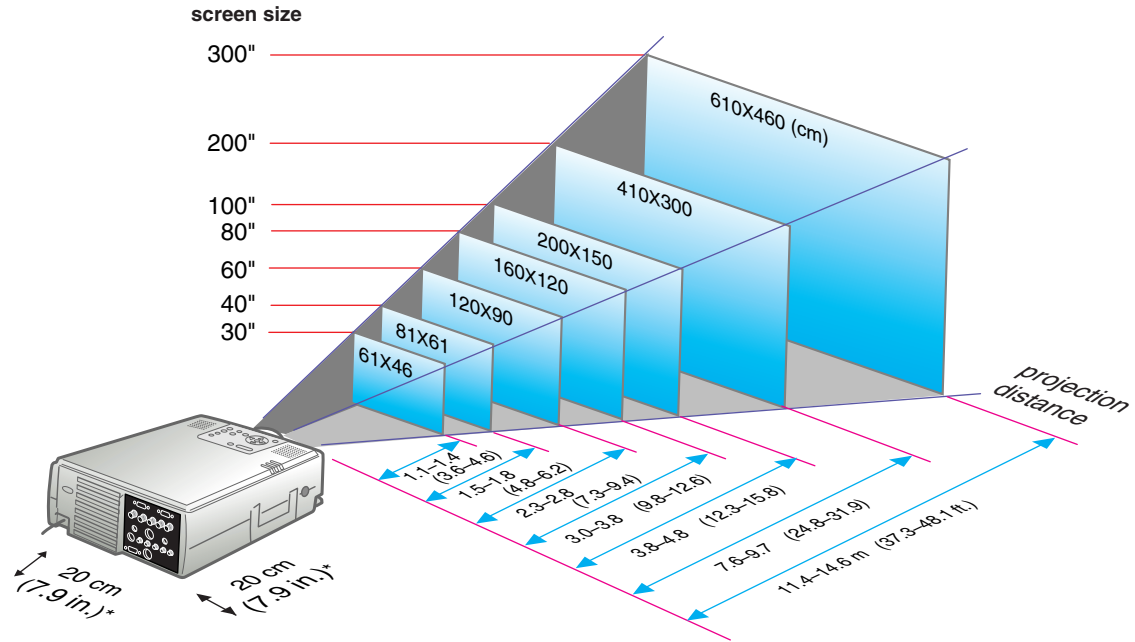
Be sure to read the Owner's Manual thoroughly before using this projector.

WARNING

Never look into the lens while the projector's power is turned on.

INDEX ►

- Adjust the distance between the projector and the screen until the desired image size is obtained



* When installing against wall, leave a space of about 20cm (7.9 in.) between the projector and the wall.

Connections

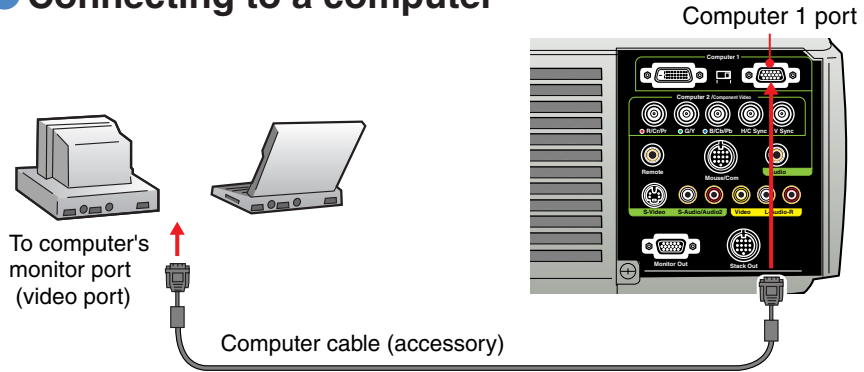
Pages 18,28 of Owner's Manual

Tip

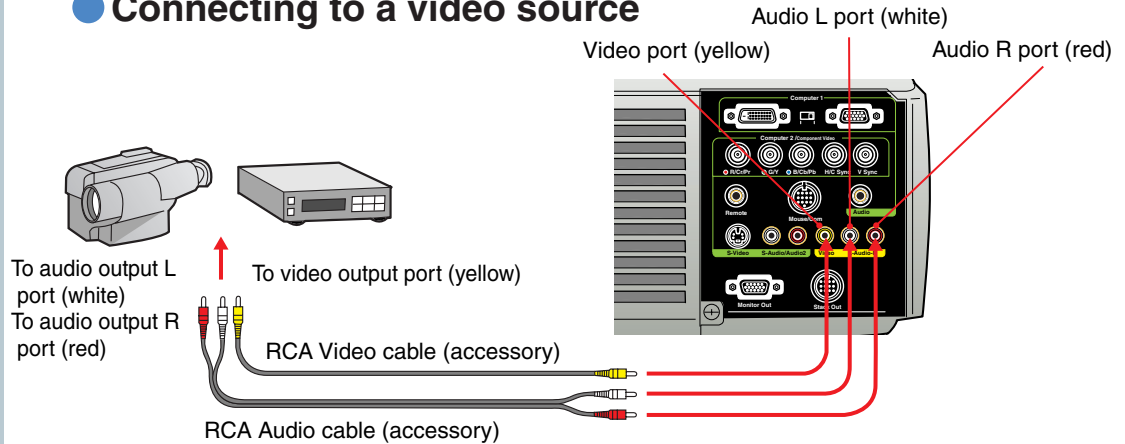
- Depending on the shape of the computer monitor port, it may not be possible to make connections with the accessory computer cable. Please convert it using a commercially available adapter, etc.
- Connect the second computer to the [Computer2] port when two computers are to be connected. Use the computer cable (mini D-Sub 15pin/5BNC) supplied with the projector for this connections.

* Turn off the power for both the projector and the other equipment before connecting them.

● Connecting to a computer




● Connecting to a video source

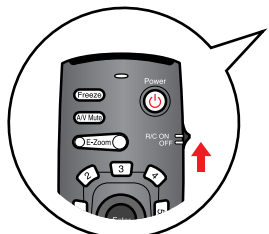



- 1 Remove the lens cover.
- 2 Connect the power cord to the projector.
- 3 Connect the power cord to an electrical outlet.

The  will light orange.

- 4 Press the  to turn on the projector's power.

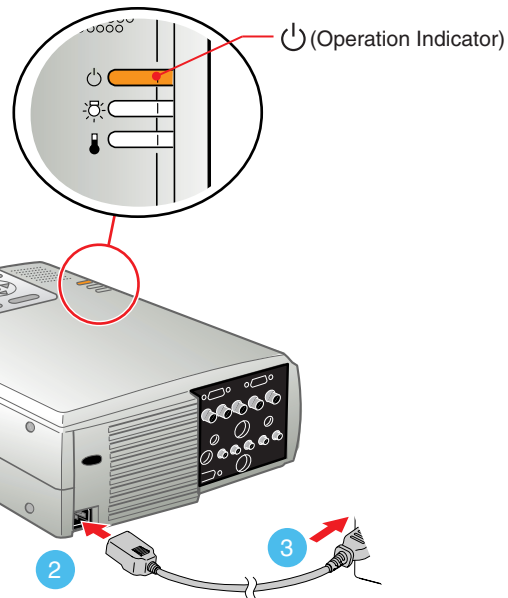
If using the remote control, set the R/C switch to the ON position and then press the .



The  will start flashing green and projection will start. (Warm-up in progress)



- 5 Turn on the power for the input source.

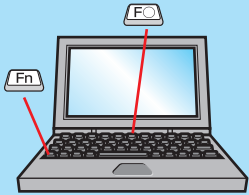
In the case of a VCR, press the PLAY button.





Tip

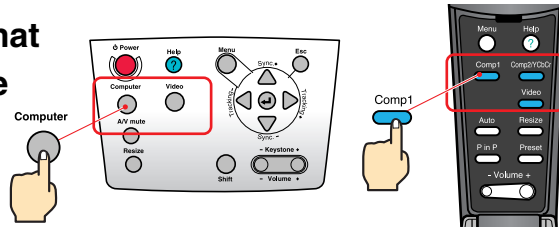
If a laptop computer or a computer with a LCD screen has been connected to the projector, you may need to change the output destination for image signals depending on the computer keys (The ,  and other displays are situated on the computer keys) or the computer's settings. The output destination can normally be changed by holding down the computer's **[Fn]** and pressing one of the Function keys. Once the source has been changed, after a short wait the projector will start projecting. If the output has been changed to external output, only the external output should be used. For details, refer to the documentation provided with your computer.



Examples of changing output	
NEC	[Fn] + [F3]
Panasonic	[Fn] + [F3]
TOSHIBA	[Fn] + [F5]
IBM	[Fn] + [F7]
SONY	[Fn] + [F7]
FUJITSU	[Fn] + [F10]
Macintosh	After restarting the computer, change the Control Panel monitor and sound settings so that Mirroring is active.

If images do not appear ...

Press the button that corresponds to the port into which the image device is connected to change the input signal.





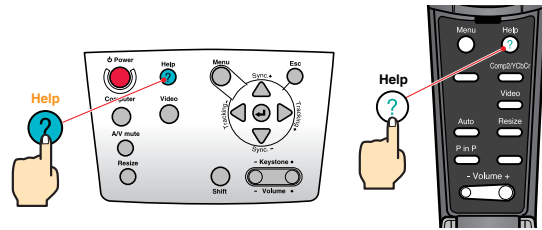
Projector

Remote Control

If you have other problems ...

Refer to the online Help information.

Press the  or  and then follow the instructions.



Projector


Remote Control

* Refer to Troubleshooting.

Adjustment

Pages 37-40 of Owner's Manual

Tip

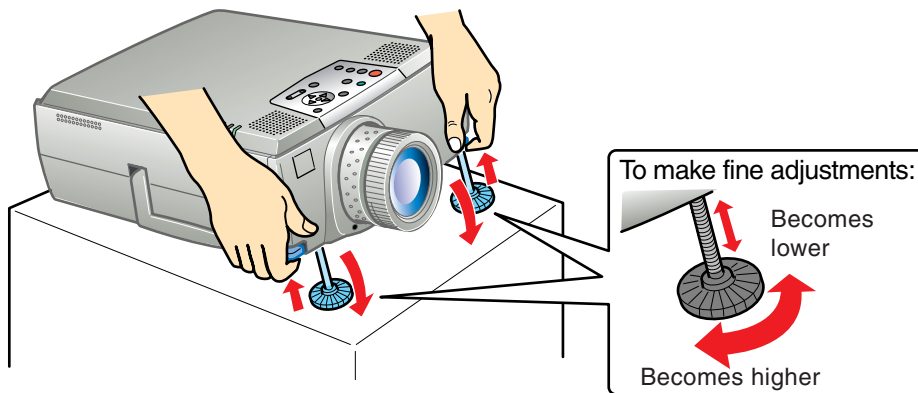
● If you change the projection angle, you may get keystone distortion in the images. You can use the  on the projector's control panel to correct keystone distortion.

 See page 7.

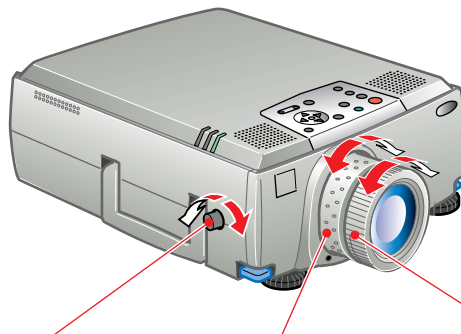
● To store the extended front feet, pull up the foot adjust lever and then slowly lower the front panel.

● Adjusting the projection angle

Lift the front of the projector while pulling up the foot adjust lever, adjust the amount extension or retraction of the front foot, then adjust the projector's projection angle.



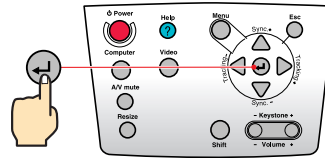
● Adjusting the image size and focus



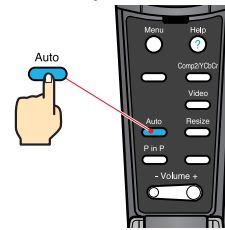
Projection position adjustment (up/down) Image size adjustment Focus adjustment

Automatically adjusting computer images to the optimum settings

Press **Auto** on the operation panel or open the cover on the remote control and press **Auto** to automatically adjust the tracking, the display position and the synchronization.



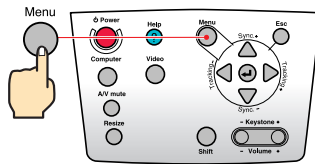
Projector



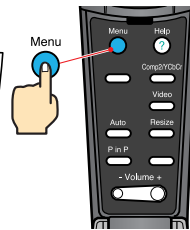
Remote Control

Other adjustments

Press **Menu** on the operation panel or open the cover on the remote control and press **Menu** to display the setting menu on the projection screen. Then adjust the required settings, such as brightness, contrast and sharpness.



Projector



Remote Control

Using the on-screen menus

Menu screen	Projector panel operations	Remote control

Adjustment



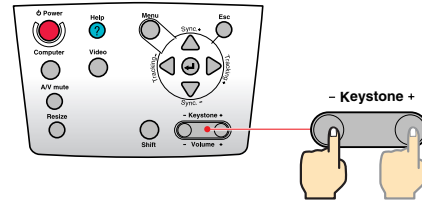
Correcting keystone distortion
Page 38 of Owner's Manual

Tip

- When keystone correction is carried out, the projected image will become smaller.
- The trapezoid correction state is recorded in memory. Please readjust it when the projection angle is changed.
- If the images become uneven in appearance after keystone correction is carried out, decrease the Sharpness setting.

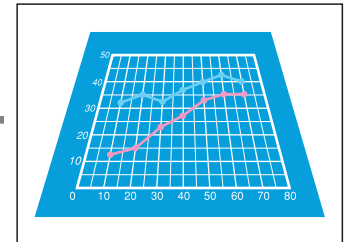
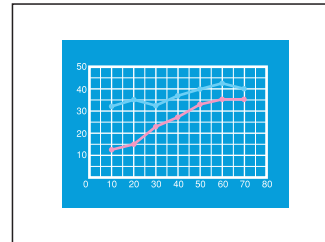
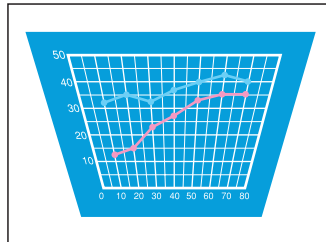
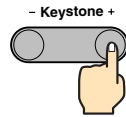
● If the images have keystone distortion ...

Press  on the projector's control panel to correct the keystone distortion.

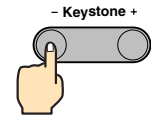


Projector

When the top area
is spread open.



When the bottom area
is spread open.





Turning Off the Projector

Page 35 of Owner's Manual

1 Turn off the power for the equipment connected to the projector.


2 Press the  Power  twice to turn off the projector's power.

Press  once to display the confirmation message in order to prevent miss-operations.

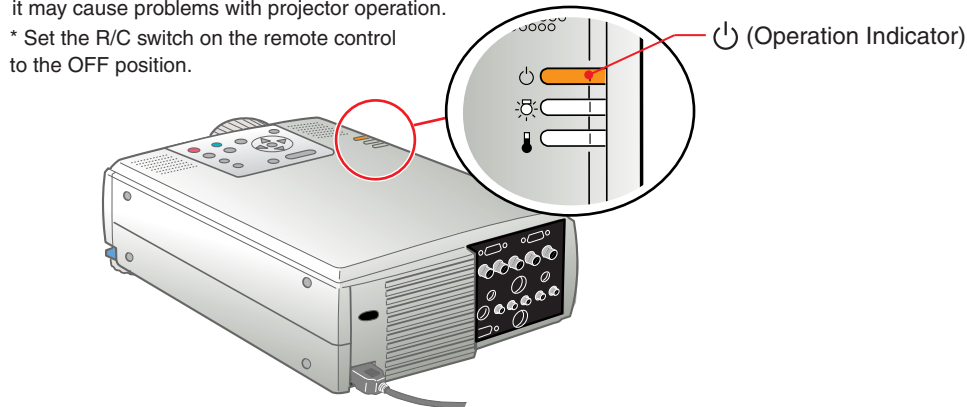
Press it once more to switch off the power supply. It is possible to switch off the power supply by pressing  twice consecutively.

The  will start flashing orange. (Cool-down in progress)

3 Check that the  is lit steadily with an orange color, and then disconnect the power cord.

If the power cord is disconnected while the  is still flashing orange, it may cause problems with projector operation.

* Set the R/C switch on the remote control to the OFF position.



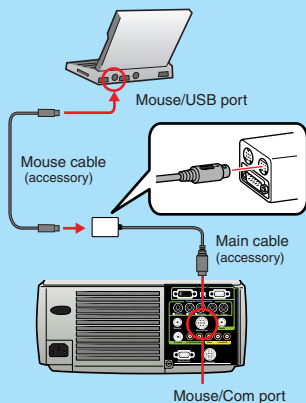
Functions for Enhancing Projection

- Wireless mouse
- Effect
- E-Zoom
- A/V Mute



Tip

● The following connections are required to use the remote control as a wireless mouse.



● Depending on the mouse in use, it is necessary to use the supplied mouse cable that is supported by the mouse.

● Use the USB mouse cable if you are connecting to the computer's USB port.

● If a mouse cable other than a USB mouse cable is connected while the power supply is switched on, it may result in malfunctions or damage.

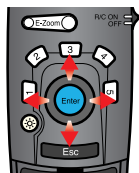
This projector is equipped with a variety of useful functions for enhancing projection.

Refer to the corresponding pages of the Owner's Manual for details on each function.

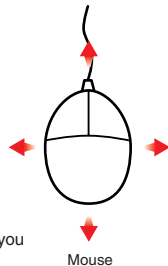
● Using the remote control for one-person presentations

The remote control can be used to carry out the same functions as left-clicking and right-clicking mouse buttons on a computer. You can use the remote control to control the computer's mouse pointer from a distance.

Mouse pointer movement

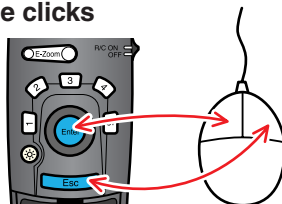


Tilt the **Enter** in the direction you want the mouse pointer to go.



Mouse

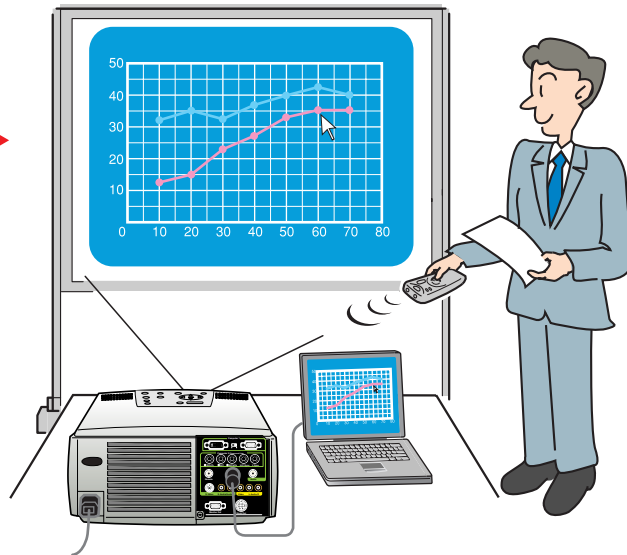
Mouse clicks



Mouse

For left clicks: Press **Enter**

For right clicks: Press **Esc**

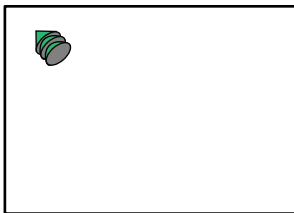


Tip

Press **5** to erase the stamps, squares, spotlights and bars set for decorative purposes.

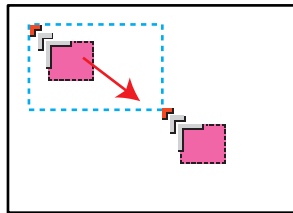
Enhancing presentation materials

Press **1** .



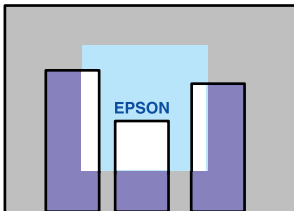
Displays the stamp icon. The stamp icon will switch between three different types whenever **1** is pressed. Tilt the **Left** to move the stamp icon, and then press **Enter** to stamp the stamp icon in position.

Press **2** .



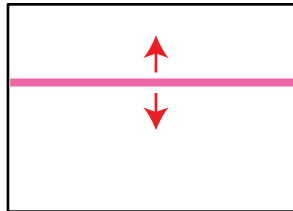
Displays the square icon. Tilt the **Left** to move the icon to the starting point, and then press **Enter**. Tilt the **Left** again to move the icon to the ending position, and then press **Enter**.

Press **3** .



Displays the spotlight. The spotlight will switch between three different sizes whenever **3** is pressed. Tilt **Left** to move the spotlight.

Press **4** .



Displays the bar. The bar will switch between three different types whenever **4** is pressed. Tilt **Left** up and down to move the bar.



Functions for Enhancing Projection

E-Zoom function
Page 47 of Owner's Manual



Tip

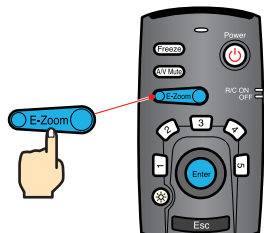
To cancel the enlargement effect, press the **Esc**.

● Enlarging part of projected images

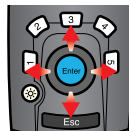
Press **E-Zoom** to enlarge the image being projected.

Tilt the **Enter** on the remote control to scroll to the area that is to be viewed.

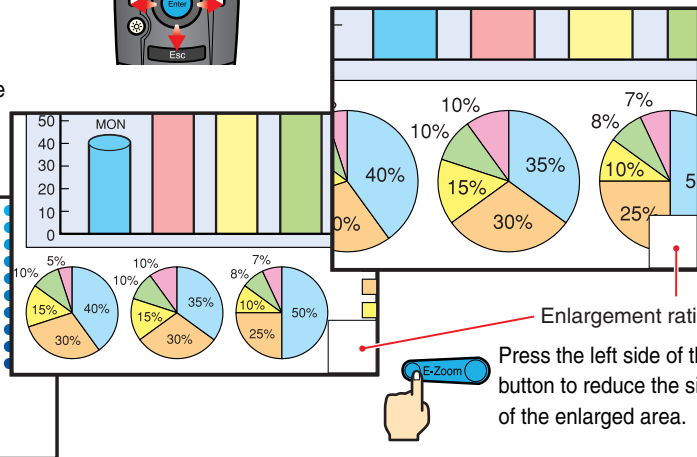
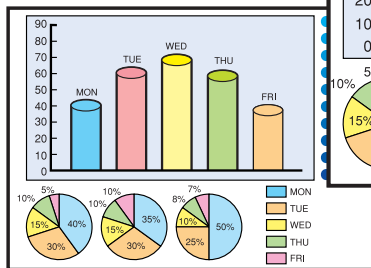
Press **E-Zoom**.



Displays any required part.



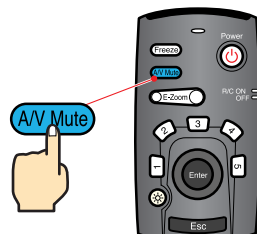
Press the right side of the button to enlarge the image.



● Momentarily turning off images and sound

The A/V Mute function momentarily pauses the image and sound, and displays either a blank blue or black screen or the user's logo screen. It can be used when you do not want to show viewers details of operations such as selecting different files when computer images are being projected.

Press **A/V Mute** .




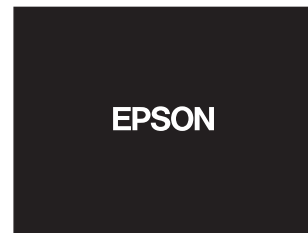
Press **A/V Mute** once more.

Projection of the images and sound will be restarted.

If you use this function while projecting moving images, the images and sound will still continue to be played back, and you cannot return to the point where the A/V Mute function was activated.

Menu

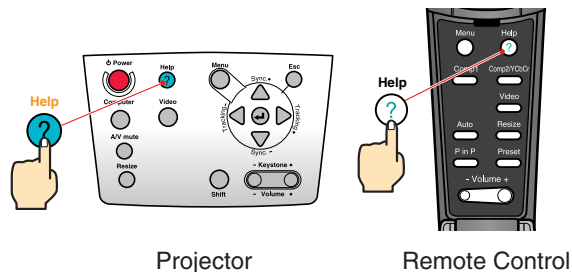
First press the  , select "Setting" and then "A/V Mute". Then select the type of screen to be displayed when projection is being stopped. The following choices are available. The default setting is the black screen.







Viewing the online help

This projector is provided with an online help function which can be used when you have a problem using the projector.

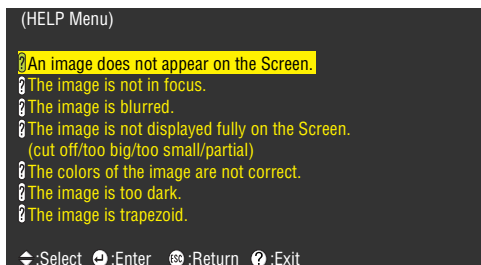
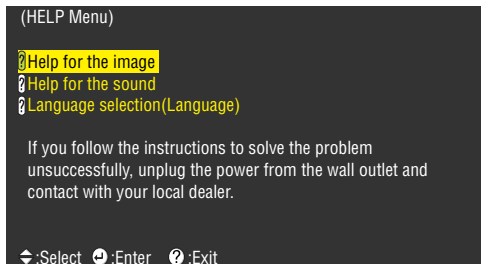
- 1 Press **?** or **?**.



- 2 Select the item to view.
Press the  on the projector's control panel.
Or tilt the  on the remote control.

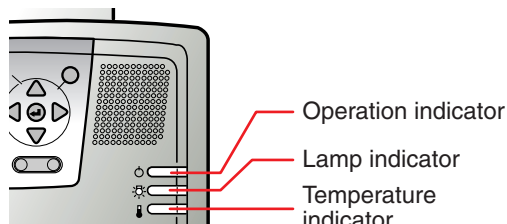
- 3 Accept the selected item.
Press the  on the projector's control panel.
Or press the  on the remote control.

- 4 The selected item will appear on the screen.





● Checking the indicators







The projector is equipped with indicators that alert you to problems with projector operation. The following tables show what the indicators mean and how to remedy problems that they indicate.







Lamp Indicator

Indicator status	Problem and remedy
Blinking in Red 	Lamp error. Remove the lamp and check if it is broken. If the lamp is not broken, reinstall it. If the lamp is broken, replace it with a new lamp. *2
Blinking in Orange 	Nearing the time for replacing the lamp. Prepare a new lamp. *2
Extinguished	The power has not been switched on or normal projection is in progress.

Operation Indicator

Indicator status	Problem and remedy
Illuminated in Orange 	Standby condition. This is the only time when the power cord can be disconnected. Projection will start a few moments after  has been pressed.
Blinking in Orange 	Cool-down in progress. After while, the projector switches to the standby condition (the indicator lights orange).
Illuminated in Green 	Projecting in progress.
Blinking in Green 	Warm-up in progress. After warm-up is complete, projection will start when an image signal is input.
Blinking in Red 	Internal problem. Stop using the projector and ask for projector to be repaired. *1
Extinguished	The power is not switched on.

Temperature Indicator

Indicator status	Problem and remedy
Illuminated in Red 	Excessive internal temperature (overheating). The lamp goes off automatically and projection becomes impossible. Wait for approximately 5 minutes with the projector in that state. After 5 minutes has passed, pull out the power plug and re-insert it. After re-inserting it, press the  and turn on the power again.
Blinking in Red 	Internal problem. Stop using the projector and ask for projector to be repaired. *1
Blinking in Orange 	High-speed cooling in progress. If the internal temperature rises any higher, projection will stop. Check that the air inlet and exhaust vents are clear and that the indoor temperature is not too high.
Extinguished	The power has not been switched on or normal projection is in progress.

*1 If an indicator is showing a status which does not appear in the previous tables, contact your dealer or nearest address provided at "International Warranty Conditions" in "Safety Instructions/World-Wide Warranty Terms" included in the package.

*2 Contact your dealer for a spare lamp.

EPSON®

