

EPSON®

QUICK REFERENCE GUIDE

MM PROJECTOR
ULTI EDIA

EMP-71/51



Be sure to read the Instruction Manual thoroughly before using this projector.

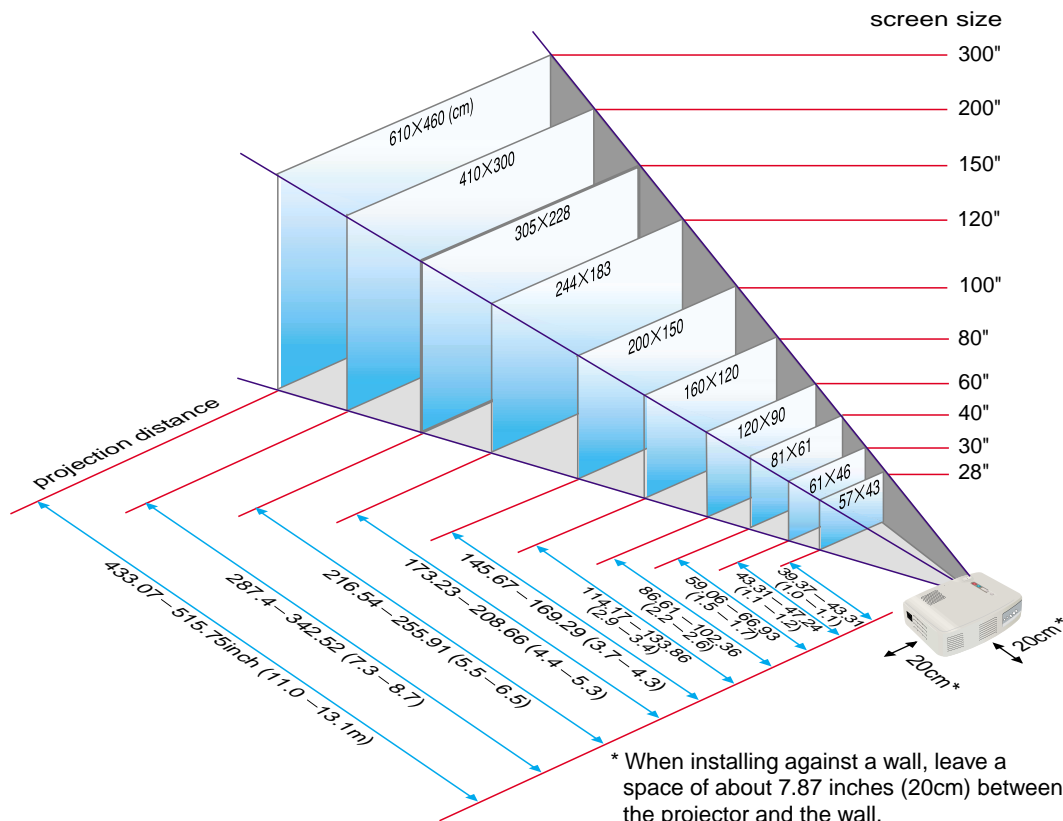
WARNING

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

INDEX ►

Setting Up

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



Connections



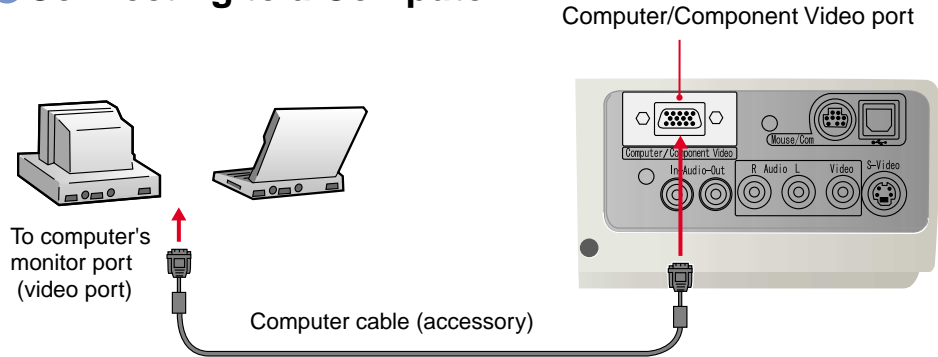
Pages 18-23 of
Instruction Manual

Tip

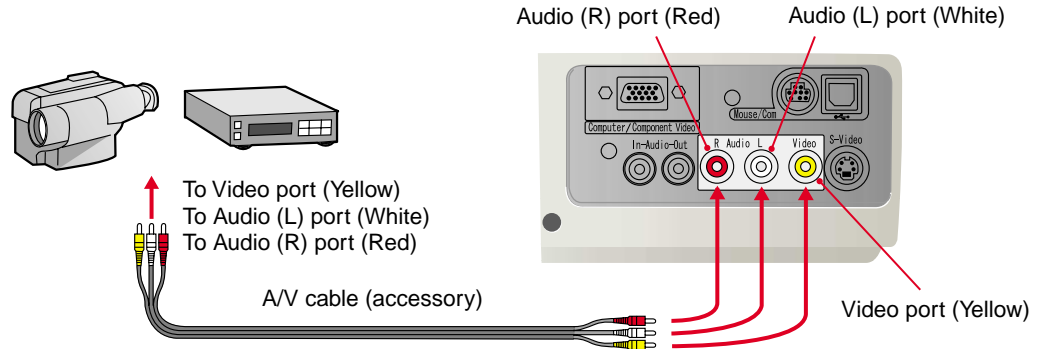
- You may need to use an optional adapter or purchase a separate adapter to connect the computer to the projector, depending on the shape of the computer's monitor port.
- If connecting component video source (such as a DVD player), you can use the optional component video cable to connect the source to the Computer /Component Video port at the rear of the projector.

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

● Connecting to a Computer



● Connecting to a Video Source




Projecting


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Instruction Manual

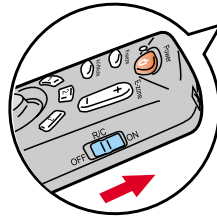
3


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

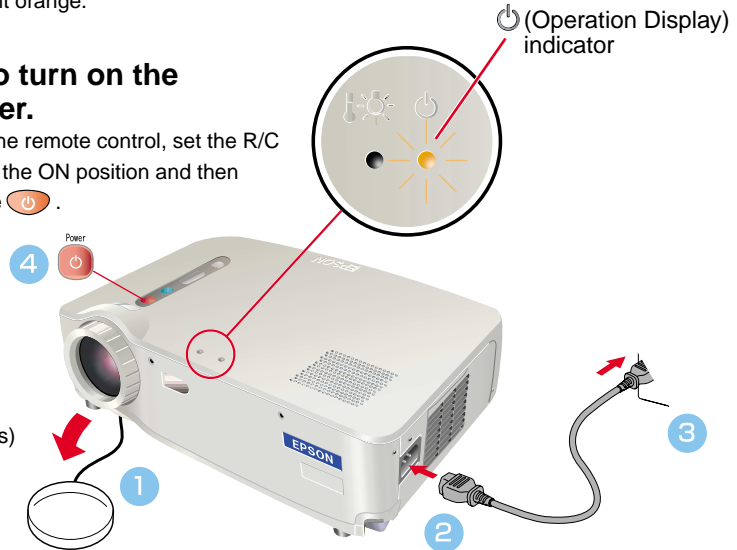
The  indicator will light orange.

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

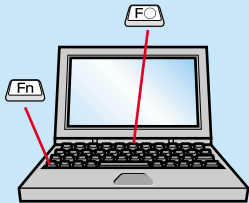


- 5 Turn on the power for the input source.
In the case of a VCR,
press the PLAY button.
An image will be projected.















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 video signals depending on the computer keys (the symbols  and  are indicated above the keys) or the computer's settings. The output destination can normally be changed by holding down the computer's **Fn** key 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.




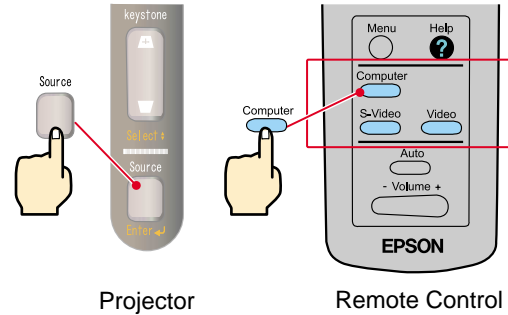
Examples of changing output

NEC	 + 
Panasonic	 + 
TOSHIBA	 + 
IBM	 + 
SONY	 + 
FUJITSU	 + 
Macintosh	After restarting the computer, change the Control Panel monitor and sound settings so that Mirroring is active.

If images do not appear ...



Change the input signal.

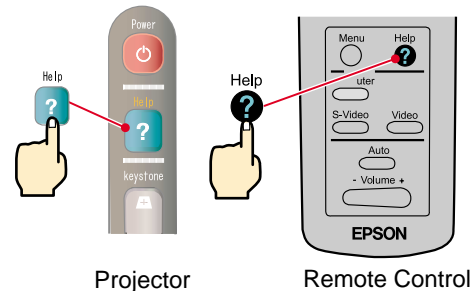
Each time the  is pressed, the video source cycles between Computer/Component Video, S-Video, and Video.



If you have other problems ...


Refer to the online Help information.

Press  or , and then follow the instructions.





* Refer to Troubleshooting.

Adjustment

 Pages 28-30 of
Instruction Manual

Tip

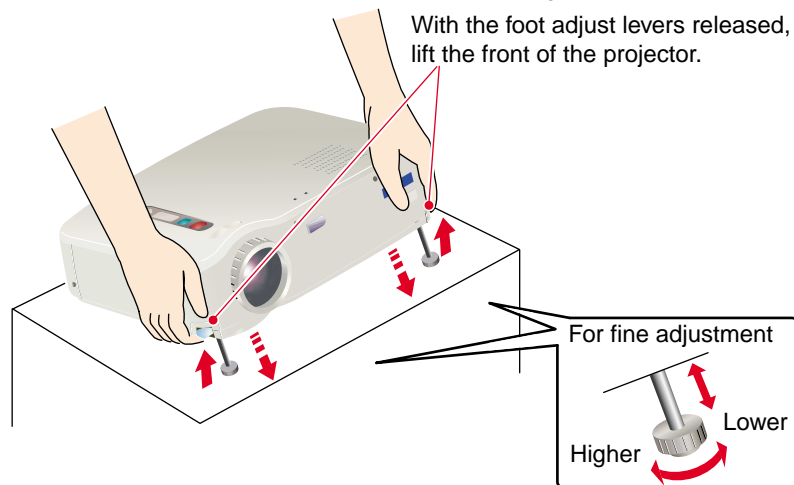
● If you change the projection angle, you may get keystone distortion in the images. You can use the  on the projector's control panel to correct keystone distortion.

 See page 7.

● The front foot can be retracted by pulling the front foot adjust levers and lower slowly the front of the projector.

● Adjusting the projection angle

Use the foot adjust levers to adjust the projection angle for the projector.



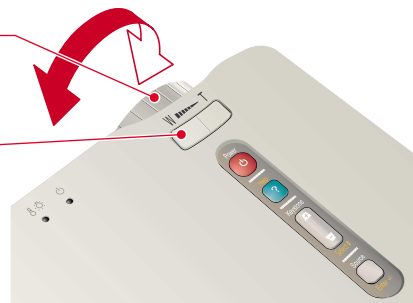
● Adjusting the image size and focus

Focus adjustment


Image size adjustment

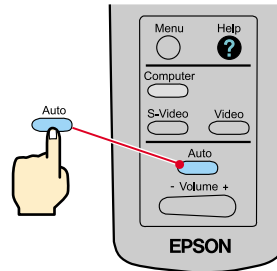
Push the W (Wide) side to increase the size.

Push the T (Tele) side to reduce the size.




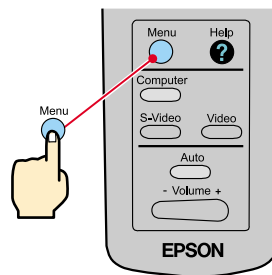
● Automatically adjusting computer images to the optimum settings

Press  on the remote control. The tracking, display position and synchronization will be automatically adjusted.



● Other adjustments

Press  on the remote control. The setting menu will be displayed on the projection screen, and you can then adjust settings such as brightness, contrast and sharpness.



Using the on-screen menus

Main menu

Video

Audio

Effect

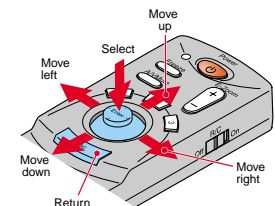
Setting

Advanced

About



Reset All


Remote control



Adjustment

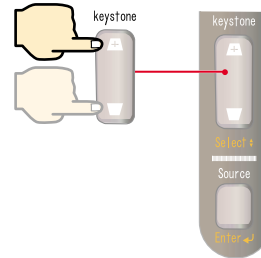
● If the images have keystone distortion ...

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

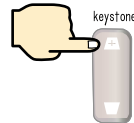
 Keystone Correction
Page 29 of Instruction Manual

Tip

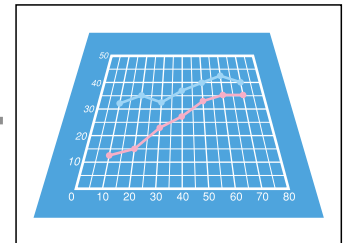
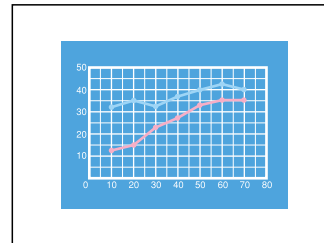
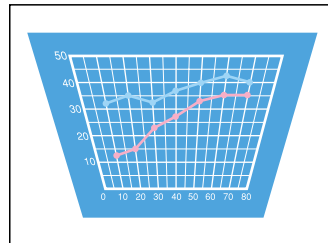
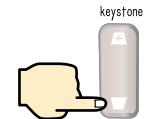
- A keystone correction reduces screen size.
- The keystone correction is stored in memory. You will need to readjust the image if the projector is moved to a different location or the projection angle is changed.
- If the images become uneven in appearance after keystone correction is carried out, decrease the Sharpness setting.




When the top is too wide




When the bottom is too wide




Turning Off the Projector



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Instruction Manual


Tip

When a message for confirmation is displayed, press a button other than  to turn the message off. The previous condition will be restored.


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- 1 Turn off the power for the equipment connected to the projector.
- 2 Press the  twice to turn off the projector's power.

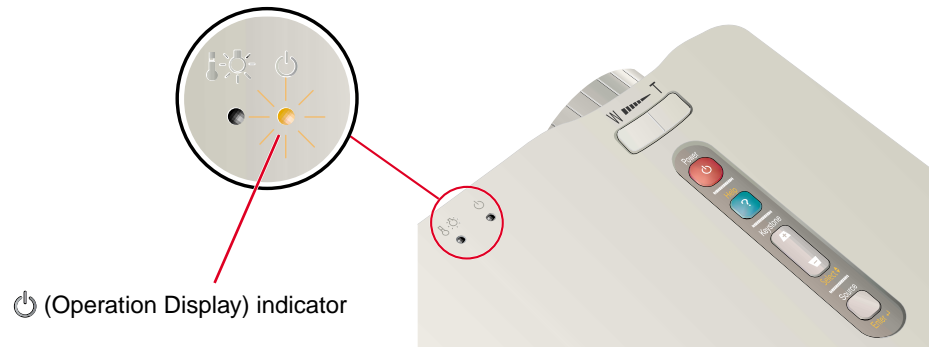
To prevent miss-operation press  once to display a confirmation message. When pressing once more the power will be switched off. You can also press  twice successively. After getting accustomed you can try this operation.

The  indicator will start flashing orange. (Cool-down in progress/approx. 2 minutes)


- 3 After the  indicator lights orange steadily you can disconnect the power cord.

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

*Do not forget to set the R/C switch of the remote control to the OFF position.

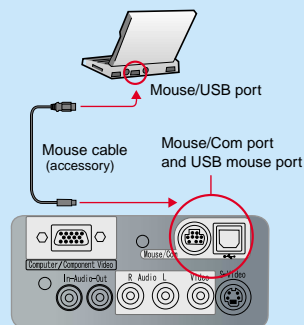


Functions for Enhancing Projection

 Wireless mouse function
Page 34 of Instruction Manual

Tip

● When using the remote control as a wireless mouse, you need to connect the projector as follows.



● Use a USB mouse cable to connect the projector to the USB port of a computer.

● If the mouse function does not work after connecting a PS/2 mouse, you will need to restart the computer.

● Use only the accessory mouse cable provided, otherwise the wireless mouse function may not operate correctly.

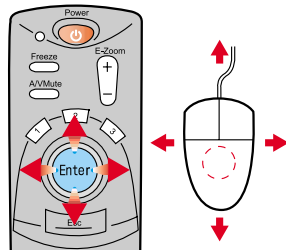
The following functions for enhancing the projection are explained here. Refer to the corresponding pages of the Instruction Manual for details on each function.

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

● Using the remote control for one-person presentations

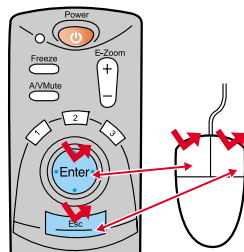
The remote control can be used to carry out the same functions as left-clicking and right-clicking mouse buttons on a computer. You can use the remote control to control the computer's mouse pointer from a distance.

Mouse pointer movement



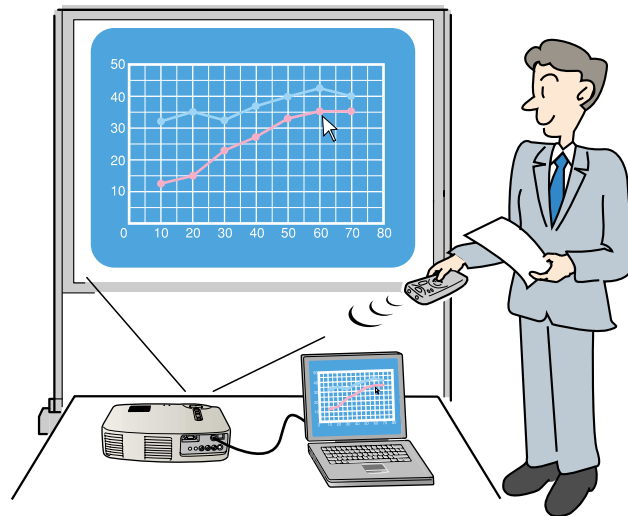
Tilt the Enter button in the direction you want the mouse pointer to go.

Mouse clicks



For left clicks: Press [Enter] button

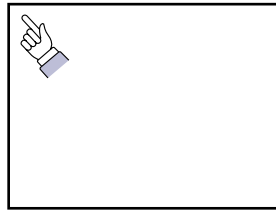
For right clicks: Press [Esc] button





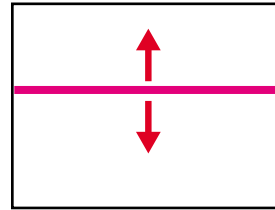
● Enhancing presentation materials effectively

Press **1**.



A cursor icon appears on the screen.
Tilt the **Enter** to move the cursor.
Press the **Enter** to stamp the cursor icon on the screen.

Press **2**.




A bar (straight line) appears on the screen.
Tilt the **Enter** up or down to move the bar.

Press **Esc**.


The stamp or the bar disappears.




Functions for Enhancing Projection


 E-Zoom function
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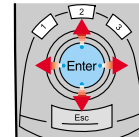
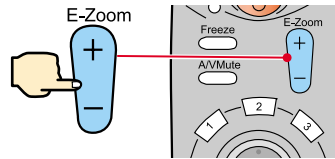
Tip

To cancel the enlargement effect, press the .

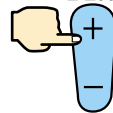
● Enlarging part of projected images

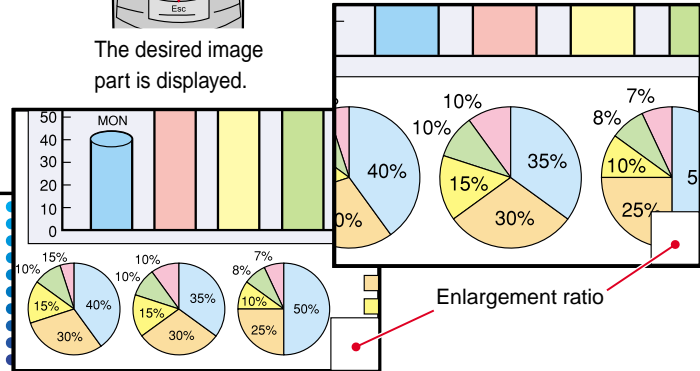
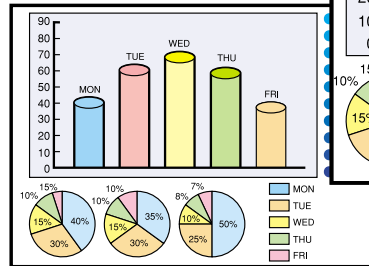
Press the  for enlarging the projection image.

Tilt the  on the remote control to scroll the image for viewing a desired part of the image.




The desired image part is displayed.

E-Zoom
 Press the **+** side of the button to enlarge the center part of the image.



Enlargement ratio

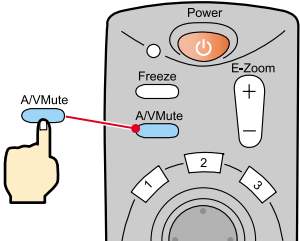
E-Zoom
 You can press the **-** side of the button to reduce the size of the enlarged area.



● Momentarily turning off images and sound


You can momentarily pause images and sound. When paused, the screen appears completely black or blue. 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.

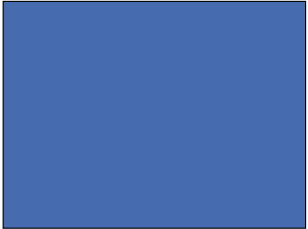
Press  .



Press  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.

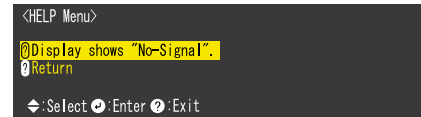
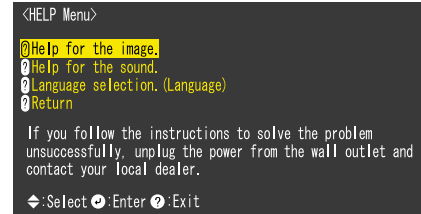
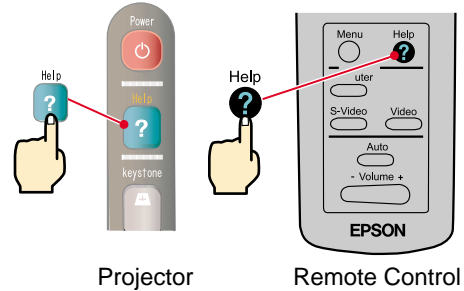
First press the  , select "Setting" and then "A/V Mute". Then select the type of screen to be displayed when projection is being stopped. The following choices are available. The default setting is the black screen.



● Viewing the Online Help

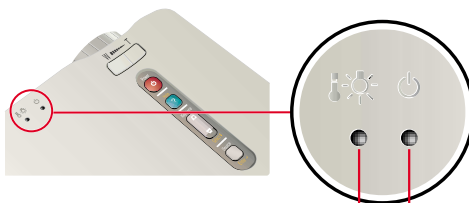
This projector is provided with an online help function which can be used when you have a problem using the projector.

- 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.









Problem/Alarm Display indicator

Operation Display indicator

 (Problem/Alarm Display) indicator

Indicator status	Problem and remedy
Lights red 	High temperature inside projector (overheating). The lamp will turn off automatically and projection will stop. Wait for about 5 minutes without operating the projector. After 5 minutes have elapsed, disconnect the power plug and re-insert it. After re-inserting it, press the  to turn the power back on.
Flashes red (1-second intervals) 	Lamp abnormality. 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
Flashes red (2-second intervals) 	Internal problem Stop using the projector and ask for projector to be repaired.*1
Flashes 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.
Off	Operating normally.

 (Operation Display) indicator

Indicator status	Problem and remedy
Lights orange 	Standby condition This is the only time when the power cord can be disconnected. Projection starts when the  is pressed.
Flashes orange 	Cool-down in progress After approximately 2 minutes, the projector switches to the standby condition (the indicator lights orange).
Lights green 	Projecting in progress
Flashes green 	Warm-up in progress After warm-up is complete, projection will start when a video signal is input.
Off	Power is not turned on

*1 If an indicator is showing a status which does not appear in the previous tables, contact your dealer or the 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.

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