**EPSON**®

# QUICK REFERENCE GUIDE

**MM PROJECTOR**
MULTI MEDIA

## EMP-71/51

Be sure to read the Instruction Manual thoroughly before using this projector.
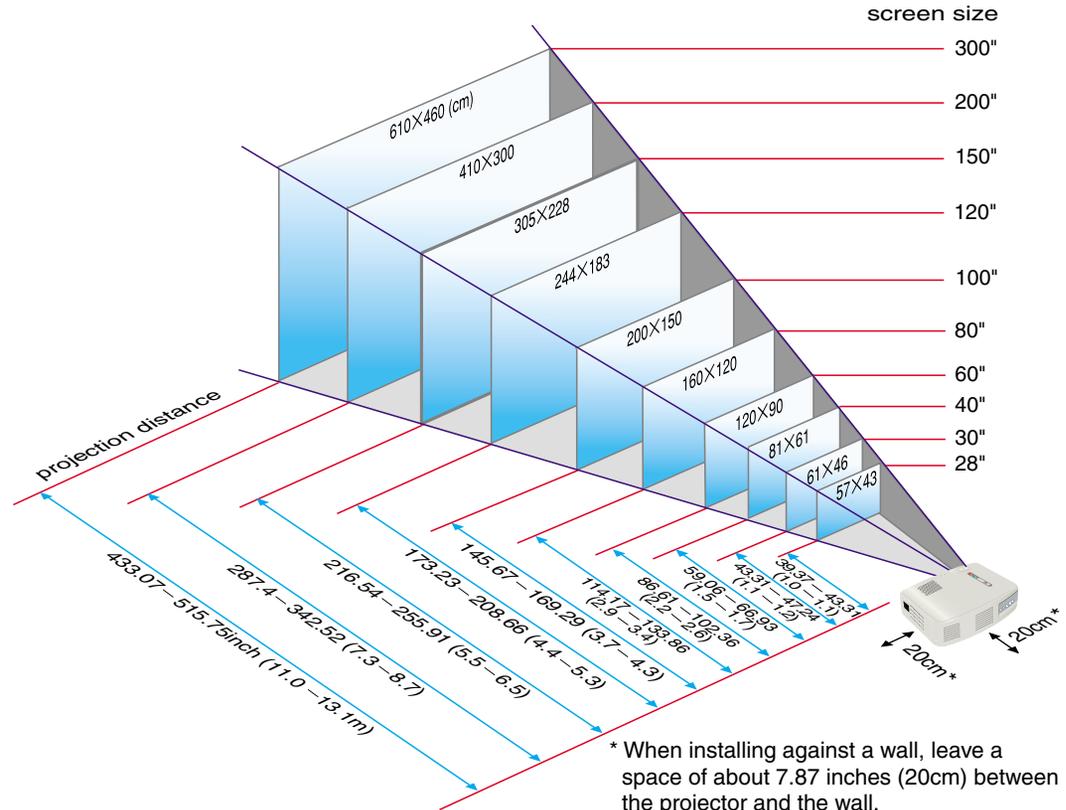
**WARNING**  Never look into the lens while the projector's power is turned on.

**INDEX▶**

# Setting Up

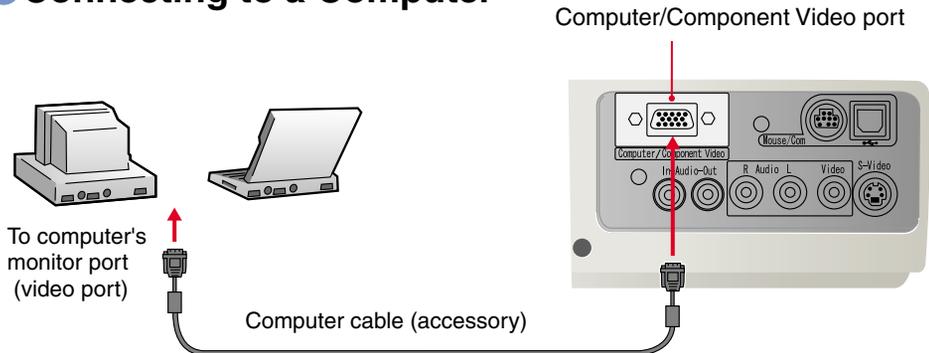● **Adjust the distance between the projector and the screen until the desired image size is obtained.**

screen size

300"
200"
150"
120"
100"
80"
60"
40"
30"
28"

610×460 (cm)
410×300
305×228
244×183
200×150
160×120
120×90
81×61
61×46
57×43

projection distance

433.07 ~ 515.75inch (11.0 ~ 13.1m)
287.4 ~ 342.52 (7.3 ~ 8.7)
216.54 ~ 255.91 (5.5 ~ 6.5)
173.23 ~ 208.66 (4.4 ~ 5.3)
145.67 ~ 169.29 (3.7 ~ 4.3)
111.1 ~ 133.86 (2.9 ~ 3.4)
86.61 ~ 102.36 (2.2 ~ 2.6)
59.06 ~ 66.93 (1.5 ~ 1.7)
43.31 ~ 47.24 (1.1 ~ 1.2)
38.37 ~ 43.31 (1.0 ~ 1.1)

20cm*
20cm*

* When installing against a wall, leave a space of about 7.87 inches (20cm) between the projector and the wall.
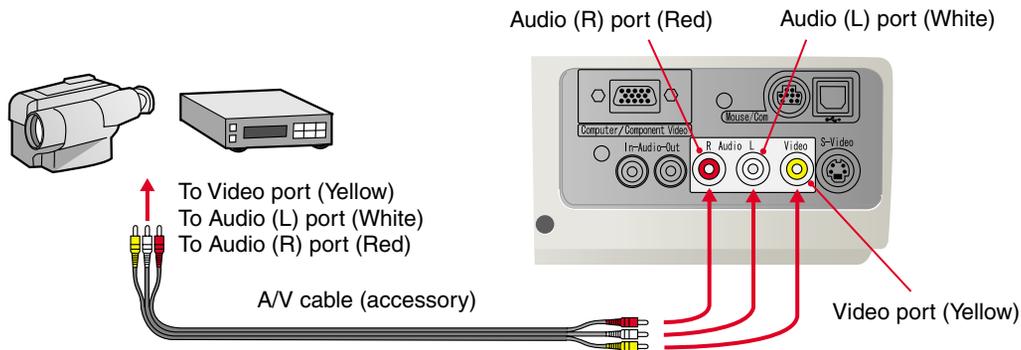
# Connections

## 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

Computer/Component Video port

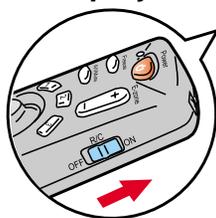To computer's monitor port (video port)

Computer cable (accessory)

## ●Connecting to a Video Source

Audio (R) port (Red)　Audio (L) port (White)

To Video port (Yellow)
To Audio (L) port (White)
To Audio (R) port (Red)

A/V cable (accessory)

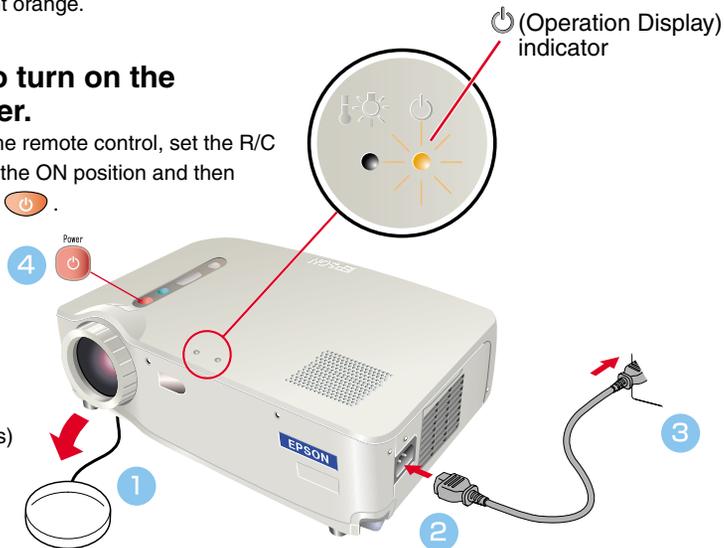Video port (Yellow)

# Projecting

**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.

⏻ (Operation Display) indicator

**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.**

ON

## 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.

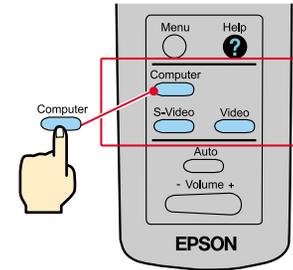| Examples of changing output | |
|---|---|
| NEC | [Fn] + [F3] |
| Panasonic | [Fn] + [F3] |
| TOSHIBA | [Fn] + [F5] |
| IBM | [Fn] + [F7] |
| SONY | [Fn] + [F7] |
| FUJITSU | [Fn] + [F10] |
| Macintosh | After restarting the computer, change the Control Panel monitor and sound settings so that Mirroring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

## If images do not appear ...

### Change the input signal.

Each time the [Source] is pressed, the video source cycles between Computer/Component Video, S-Video, and Video.
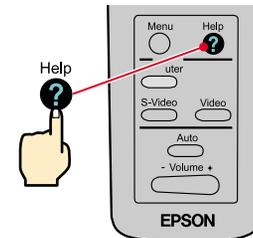
Projector          Remote Control

## If you have other problems ...

### Refer to the online Help information.

Press [Help ?] or [? Help], and then follow the instructions.

Projector          Remote Control

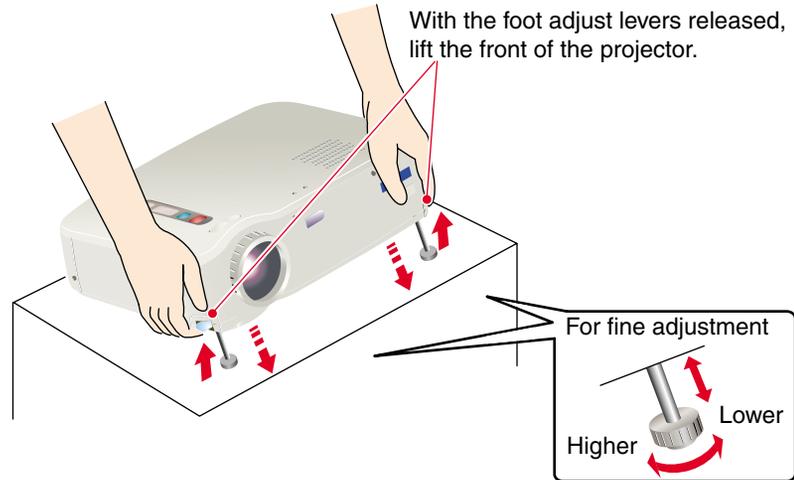* Refer to Troubleshooting.

Projecting ▶

# Adjustment

## ✋ 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.

● 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.

With the foot adjust levers released, lift the front of the projector.

For fine adjustment

Lower

Higher

## ● Adjusting the image size and focus

Focus adjustment

Image size adjustment

Push the W (Wide) side to increase the size.
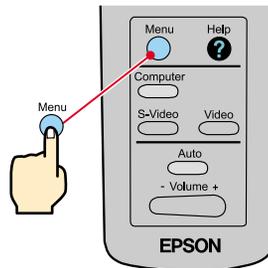
Push the T (Tele) side to reduce the size.

## ● Automatically adjusting computer images to the optimum settings

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



## ● Other adjustments

Press ◯ (Menu) 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.
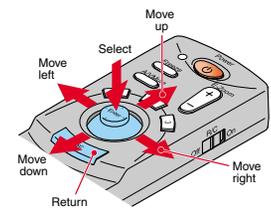


### Using the on-screen menus

Main menu

```
Video
Audio
Effect
Setting
Advanced
About
Reset All
```
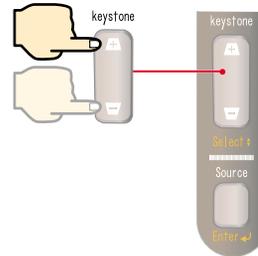
Remote control

Move up
Select
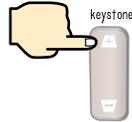Move left
Move down
Return
Move right

# Adjustment

## 👉 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.
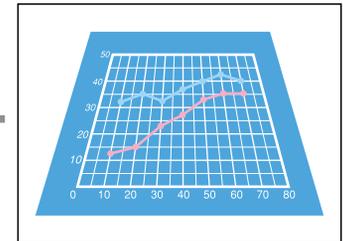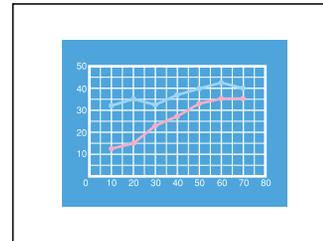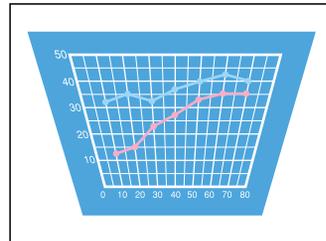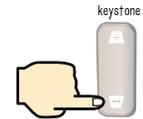
## ●If the images have keystone distortion ...

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

When the top is too wide

When the bottom is too wide

# Turning Off the Projector

## 👉 Tip

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

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

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

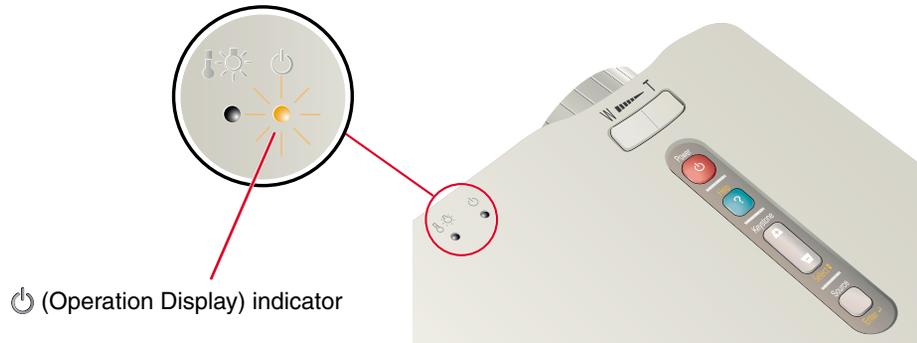To prevent miss-operation press 🔴 once to display a confirmation message.
When pressing once more the power will be switched off.
You can also press 🔴 twice successively.
After getting accustomed you can try this operation.

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.

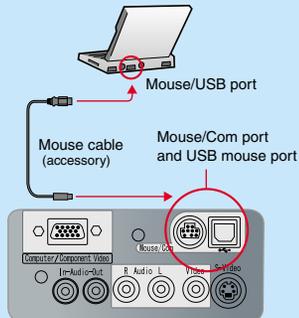*Do not forget to set the R/C switch of the remote control to the OFF position.

🔘 (Operation Display) indicator

## Functions for Enhancing Projection

### 👉 Tip

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

Mouse/USB port

Mouse cable (accessory)

Mouse/Com port and USB mouse port

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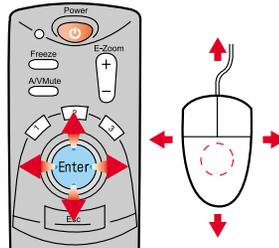●Use only the accessory mouse cable provided, otherwise the wireless mouse function may not operate correctly.

**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**

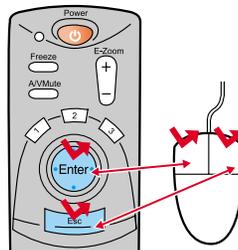### ● Using the remote control for one-person presentations

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.
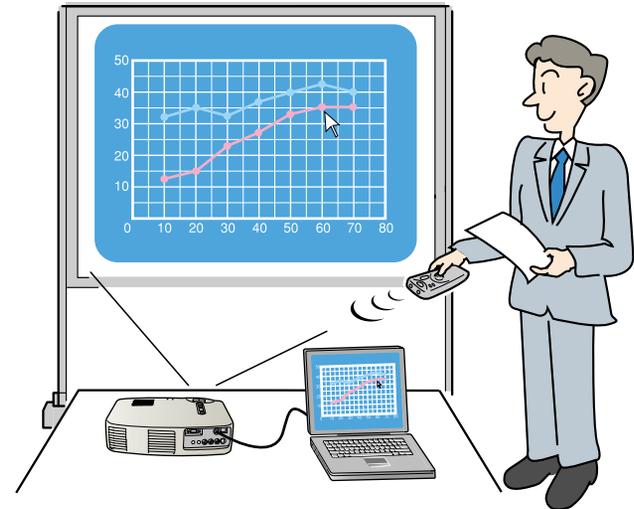
**Mouse pointer movement**

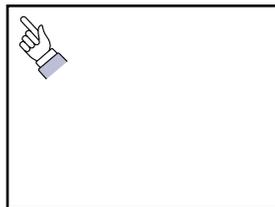Tilt the Enter button in the direction you want the mouse pointer to go.

**Mouse clicks**

For left clicks: Press [Enter] button
For right clicks: Press [Esc] button
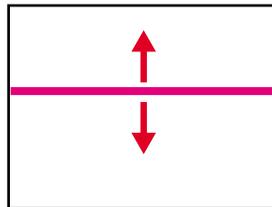
# ●Enhancing presentation materials effectively

**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.
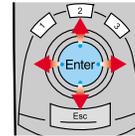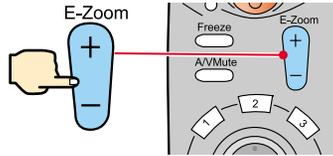
## Functions for Enhancing Projection

**☞Tip**

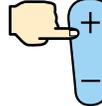To cancel the enlargement effect, press the ⌷Esc⌷.

## ●Enlarging part of projected images
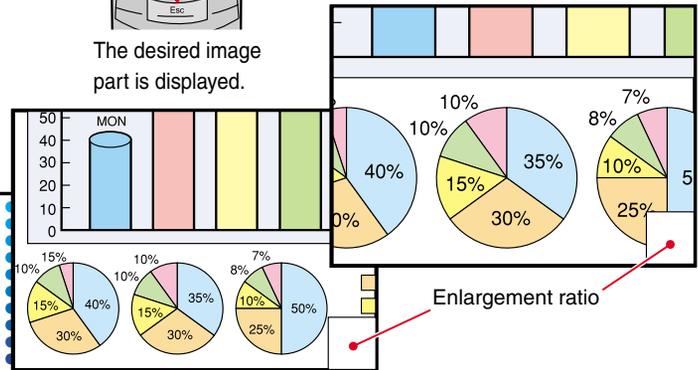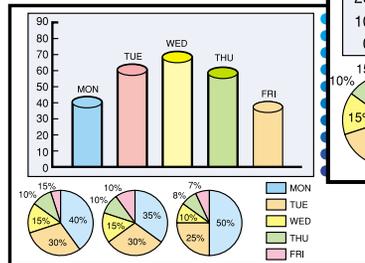
Press the ⌷+/−⌷ E-Zoom for enlarging the projection image.

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

E-Zoom

Press the + side of the button to enlarge the center part of the image.
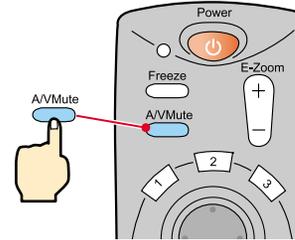
The desired image part is displayed.

Enlargement ratio

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** A/VMute **.**

**Press** A/VMute **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 Menu, 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.

## Troubleshooting

### ● 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

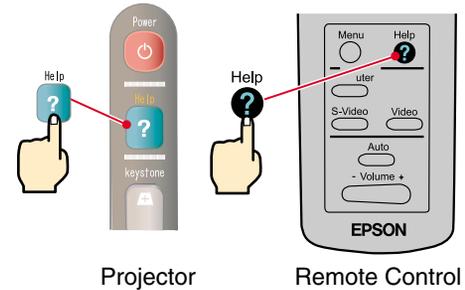the projector's control panel.

Or tilt the [Enter] on the

remote control.

**3** Accept the selected item.

Press the [  ] on the

projector's control panel.

Or press the [Enter] on the

remote control.

**4** The selected item will appear
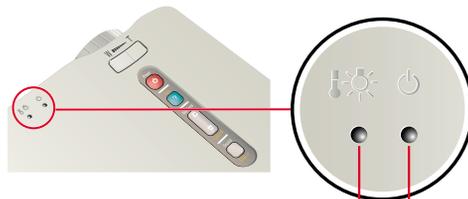
on the screen.

Projector    Remote Control

```
<HELP Menu>
 Help for the image.
 Help for the sound.
 Language selection. (Language)
 Return

 If you follow the instructions to solve the problem
 unsuccessfully, unplug the power from the wall outlet and
 contact your local dealer.

 ↕:Select  :Enter  :Exit
```

```
<HELP Menu>
 Display shows "No-Signal".
 Return

 ↕:Select  :Enter  :Exit
```

# ● 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

## (Operation Display) indicator

| Indicator status | Problem and remedy |
|---|---|
| Lights orange | Standby condition<br>This is the only time when the power cord can be disconnected.<br>Projection starts when the ⏻ is pressed. |
| Flashes orange | Cool-down in progress<br>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<br>After warm-up is complete, projection will start when a video signal is input. |
| Off | Power is not turned on |

## (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 the re-inset it. After re-inserting it, press the ⏻ to turn the power back on. |
| Flashes red (1-second intervals) | Lamp abnormality.<br>Replace the lamp as soon as possible.*2 |
| Flashes red (2-second intervals) | Internal problem<br>Stop using the projector and ask for projector to be repaired. *1 |
| Flashes orange | High-speed cooling in progress.<br>If the internal temperature rises any higher, projection will stop.<br>Check that the air inlet and exhaust vents are clear and that the indoor temperature is not too high. |
| Off | Operating normally. |

*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.

Troubleshooting

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