EPSON®

QUICK REFERENCE GUIDE

MULTIMEDIA PROJECTOR

EMP-730/720

Be sure to read the User's Guide thoroughly before using this projector.

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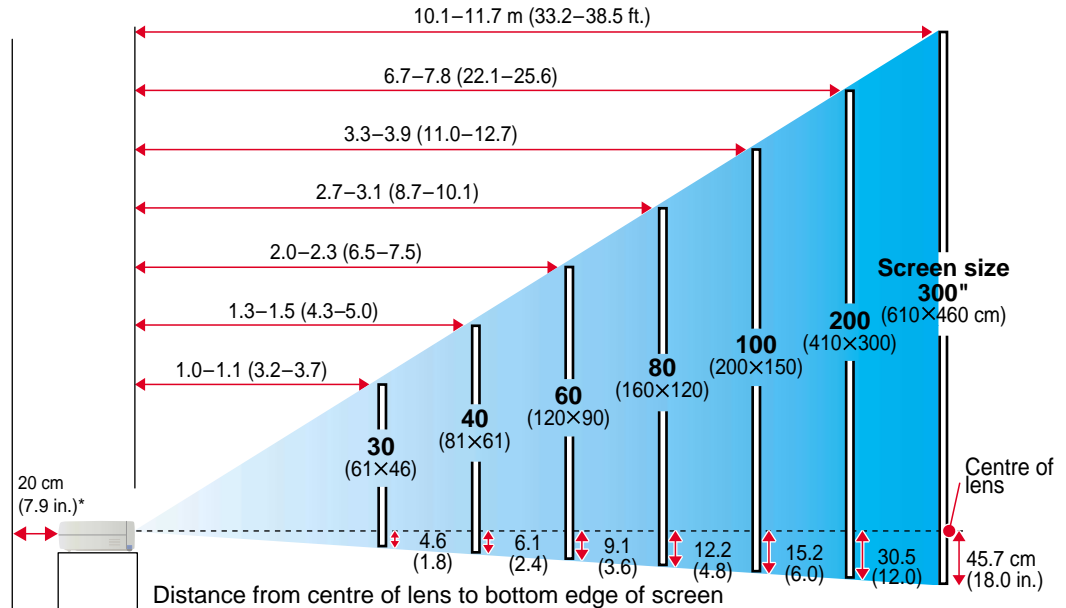Never look into the lens while the projector's power is turned on.

INDEX ▶

Setting Up

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

The values should be used as a guide for setting up the projector.

10.1–11.7 m (33.2–38.5 ft.)

6.7–7.8 (22.1–25.6)

3.3–3.9 (11.0–12.7)

2.7–3.1 (8.7–10.1)

2.0–2.3 (6.5–7.5)

1.3–1.5 (4.3–5.0)

1.0–1.1 (3.2–3.7)

Screen size 300" (610×460 cm)

200 (410×300)

100 (200×150)

80 (160×120)

60 (120×90)

40 (81×61)

30 (61×46)

Centre of lens

20 cm (7.9 in.)*

4.6 (1.8)

6.1 (2.4)

9.1 (3.6)

12.2 (4.8)

15.2 (6.0)

30.5 (12.0)

45.7 cm (18.0 in.)

Distance from centre of lens to bottom edge of screen

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

Connections

💡 Tip

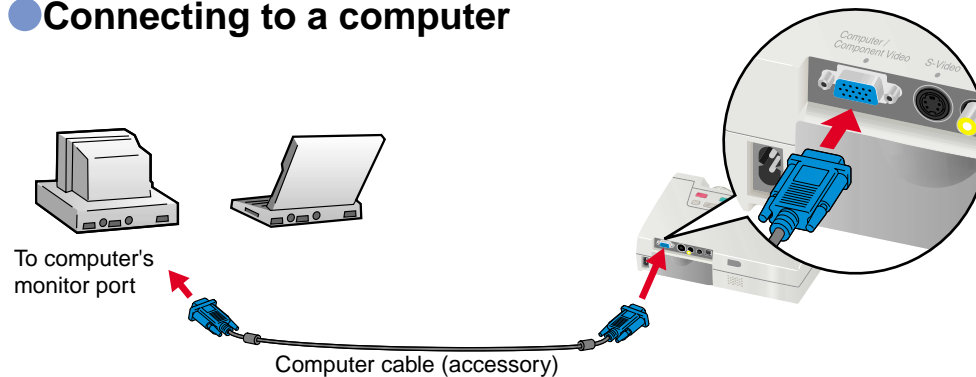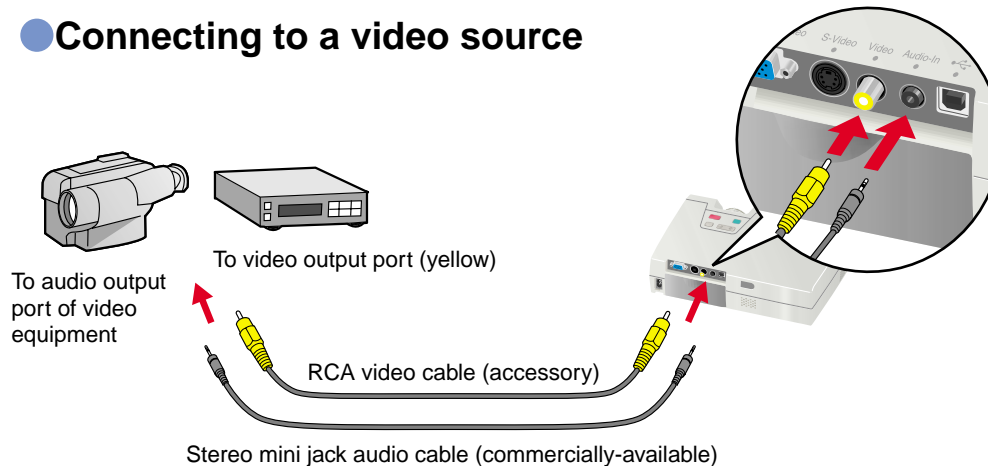● The computer cable that is supplied with the projector may not match the shape of the monitor port on some computers. In such cases, you will need to purchase a separate adapter to connect the computer to the projector.
● If connecting component video source (such as a DVD player), you can use the 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

To computer's monitor port

Computer cable (accessory)

●Connecting to a video source

To audio output port of video equipment

To video output port (yellow)

RCA video cable (accessory)

Stereo mini jack audio cable (commercially-available)
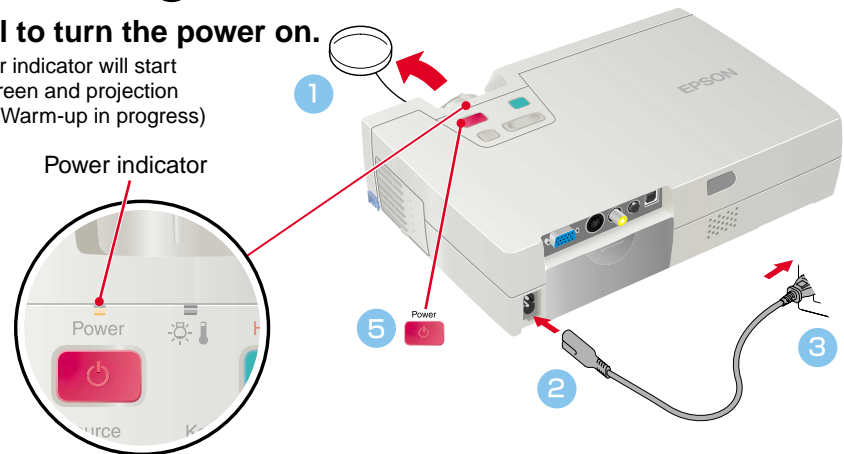
Projecting

1 **Remove the lens cover.**

2 **Connect the power cable to the projector.**

3 **Connect the other end of the power cable to an electrical outlet.**
The Power indicator will light orange.

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

ON

5 Power **Press** ⏻ **on the projector's control panel or** ⏻ Power **on the remote control to turn the power on.**
The Power indicator will start flashing green and projection will start. (Warm-up in progress)

Power indicator

Power

Power

Tip

If connecting the projector to a computer with a built-in monitor, or to a laptop computer, you may need to change the output destination for image signals using one of the buttons on the computer (such as a button with a ▢ or ▭ icon on it) or setting menus.
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.
For details, refer to the documentation provided with your computer.
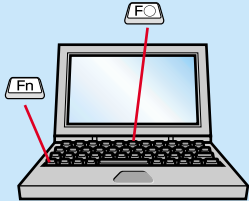
Examples of changing output	
NEC	Fn + F3
Panasonic	Fn + F3
TOSHIBA	Fn + F5
IBM	Fn + F7
SONY	Fn + F7
FUJITSU	Fn + F10
Macintosh	After startup, change the Control Panel adjustments so that Mirroring is active

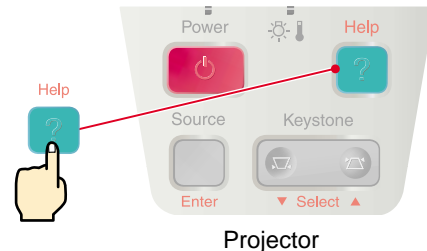## If images do not appear ...

Change the input signal.

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

Projector   Remote Control
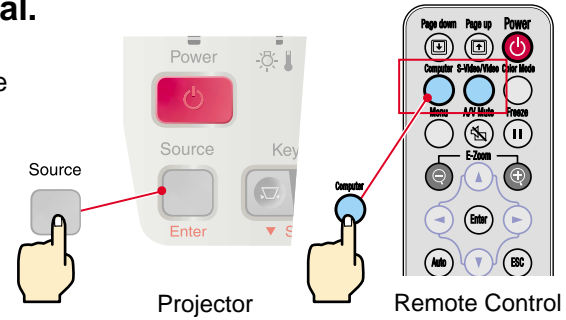
If you have other problems ...

Refer to the online Help information.

Press [Help ?] on the projector's control panel and follow the prompts which appear in order to solve the problem.

Projector

* Refer to "Troubleshooting".
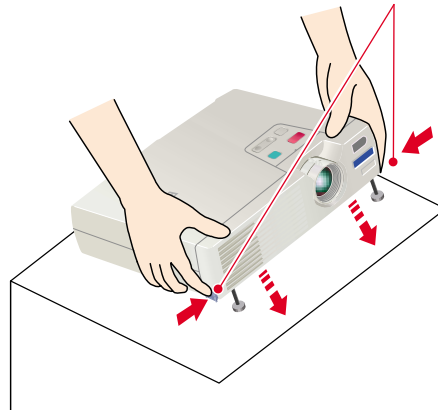
Projecting ▶

Adjustment

💡 Tip

● If the front adjustable feet have been extended, they can be retracted again by pressing and holding the foot adjust buttons on both sides of the projector and gently pushing down the front of the projector.
● A keystone correction reduces screen size.
● If the images become uneven in appearance after keystone correction is carried out, decrease the "Sharpness" menu setting.

●Adjusting the projection angle

Use the foot adjust buttons to adjust the projection angle of the projector.

While pressing the foot adjust buttons, lift up the front of the projector.

When the projector is tilted, it will cause keystone distortion to appear in the image, but this distortion can be corrected using the automatic keystone correction function as long as the vertical angle of tilt is within a range of approximately 15˚. If you would like to make further minor adjustments to the effects of automatic keystone correction, use [Keystone] on the projector's control panel.

See page 6.

●Adjusting the image size and focus

Focus adjustment

Image size adjustment

Turn to "W" to enlarge
Turn to "T" to reduce

6

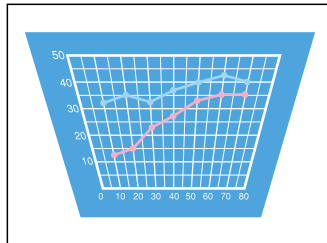## ● To make further adjustments after automatic keystone correction

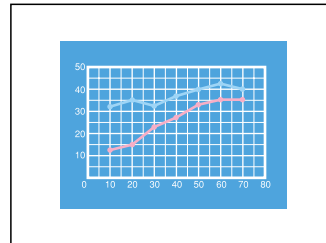To make further adjustments after automatic keystone correction has been carried out, press Keystone on the projector's control panel.
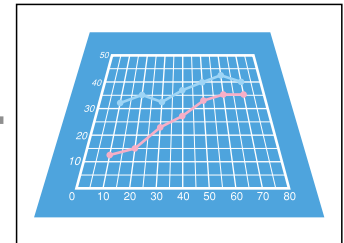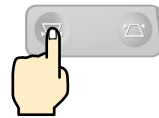
Keystone

Power   Help

Source   Keystone

Enter   ▼ Select ▲
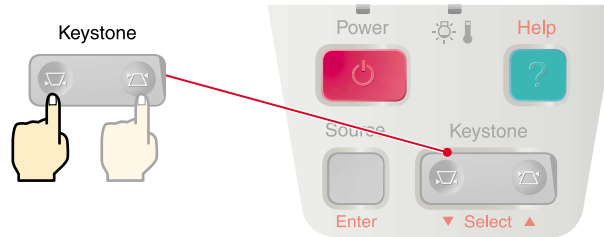
When the top is too wide   When the bottom is too wide

Keystone   Keystone

Adjustment

Tip

Press (ESC) to return to the previous menu level.

● Other adjustments

Press the [Menu] on the remote control to display the configuration menu on the screen. You can then adjust the individual brightness, contrast and sharpness settings.

1 **Press [Menu] on the remote control.**
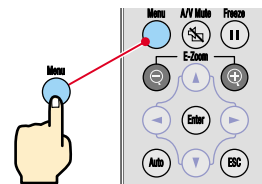
The configuration menu appears.

2 **Use [▲] and [▼] to select the menu item to be set, and then press [Enter].**
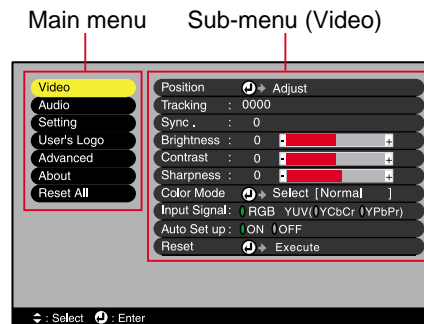
The selected sub-menu then appears.

3 **Use [▲] and [▼] to select an item, and then use [◄] and [►] to adjust the setting or select "ON" or "OFF". Press [Enter] to accept the setting.**

4 **To change the setting for another item, repeat steps 2 and 3.**

5 **To close the menu, press [Menu].**

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Remote control

Main menu   Sub-menu (Video)

Video	Position	⊕ Adjust
Audio	Tracking : 0000
Setting	Sync . : 0
User's Logo	Brightness : 0
Advanced	Contrast : 0
About	Sharpness : 0
Reset All	Color Mode ⊕ Select [Normal]
	Input Signal : RGB YUV(YCbCr YPbPr)
	Auto Set up : ON OFF
	Reset ⊕ Execute

‡ : Select   ⊕ : Enter

Turning Off the Projector

💡 Tip

If you press a button other than [Power] on the projector's control panel or [Power] on the remote control while the confirmation message is displayed, the message will disappear and the projector will return to its original condition.

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

2 **Press [Power] on the projector's control panel or the [Power] on the remote control twice to turn off the power.**

To prevent mis-operation, a confirmation message appears when [Power] or [Power] is pressed once. The power turns off when you press the button once more. You can also press [Power] or [Power] twice in quick succession to turn off the power.
The Power indicator will flash orange (cool-down in progress/about 45 seconds).

3 **After the Power indicator lights orange steadily you can disconnect the power cable.**

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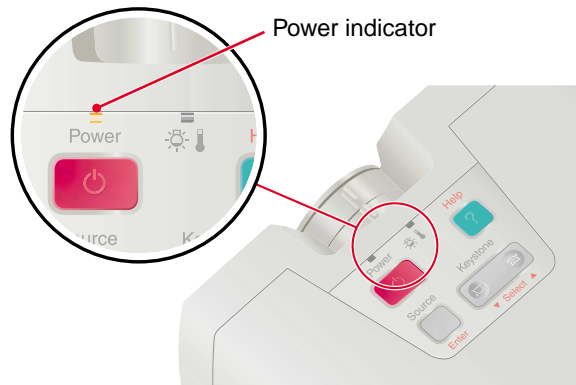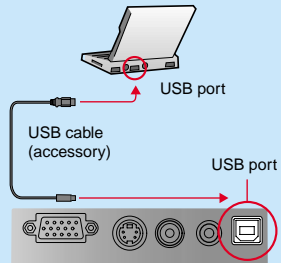
Power indicator

Functions for Enhancing Projection

🖐 Tip

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

USB port

USB cable (accessory)

USB port

● Always use the USB cable that is supplied with the projector, otherwise operating problems may occur.

The following functions for enhancing the projection are explained here. Refer to the corresponding pages of the User's Guide for details on each function.

・**Wireless mouse**　・**Selecting the colour mode**　・　**E-Zoom**　・　**A/V Mute**

●Using the remote control for one-person presentations

The remote control can be set so that it carries out the same operations as a computer mouse.
You can use the remote control to control the computer's mouse pointer from a distance.
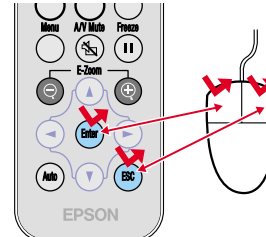
Mouse pointer movement
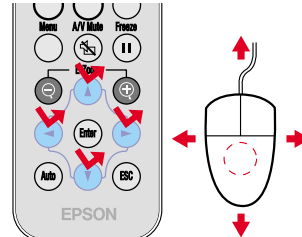
Press ▲ , ▼ , ◄ or ►
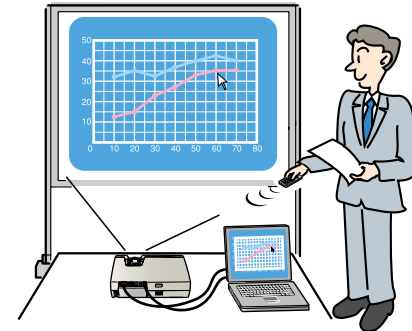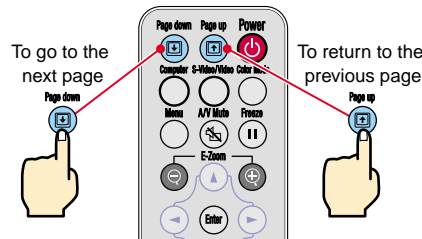(Each button corresponds to a mouse direction.)

Moving forward or back through pages in PowerPoint files

To go to the next page

To return to the previous page

Page down

Page up

Mouse clicks and drag & drop

For left clicks: Press Enter .
For right clicks: Press ESC .

Drag & Drop:
While pressing Enter , press ▲ , ▼ , ◄ or ► to drag. At the desired point, release Enter to drop.

● Selecting a colour mode

The following six preset colour modes are available for use depending on the characteristics of the images that are being projected. You can easily obtain the optimum image quality simply by selecting the colour mode that corresponds to the projected images. The brightness of the images will vary depending on which colour mode is selected.

Mode	Application
sRGB	Images conform to the sRGB colour standard. If the connected source has an sRGB mode, set both the projector and the connected signal source to sRGB.
Normal	Brightness is emphasised. For presentation in bright rooms.
Meeting	Images are modulated using their original tints, with no colour enhancement.
Presentation	For presentations in dark rooms.
Theatre	Movie images are optimised using natural tints.
Game	Brightness is emphasised. Ideal for playing video games in bright rooms.

Press 🔵 .

The colour mode changes as follows each time 🔵 on the remote control is pressed.
Normal → Meeting → Presentation → Theatre → Game → sRGB ...
The default setting for the colour mode is "Normal" when computer images are being input, and "Theatre" when component video, composite video and S-Video signals are being input.
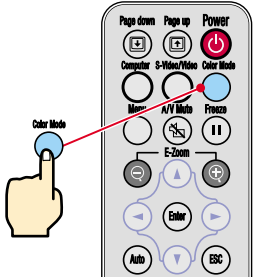
Remote Control

## Functions for Enhancing Projection

✍ Tip

● After enlarging the image, you can use ▲, ▼, ◄ and ► to scroll around the image.
● To cancel the enlargement effect, press ESC .
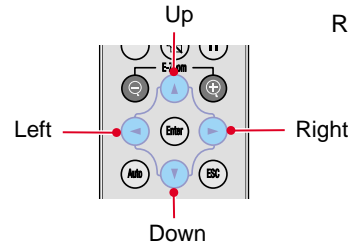
●Enlarging part of projected images

If you press ⊖ or ⊕ , the cross will appear at the middle of the image being projected.

Press ▲ , ▼ , ◄ or ► on the remote control to move the cross to the area of the image that is to be enlarged.
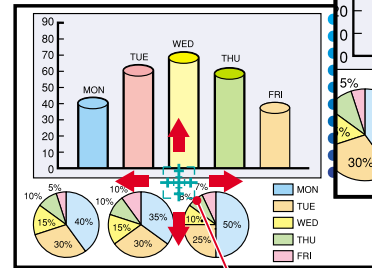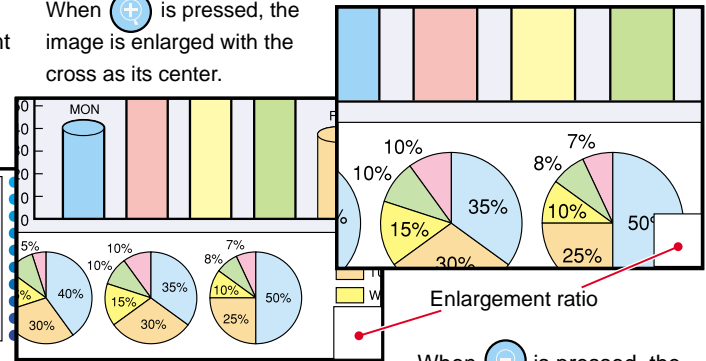
Press ⊖ or ⊕ .

Remote control

Up

Left   Right

Down
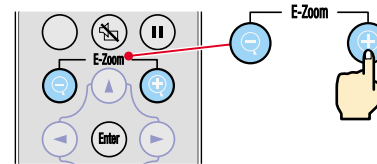
When ⊕ is pressed, the image is enlarged with the cross as its center.

Enlargement ratio

When ⊖ is pressed, the enlarged image is reduced in size again.

Cross

●Momentarily turning off images and sound

The picture and sound will be momentarily paused, and a solid black image, a solid blue image or the user's logo will be projected. 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] .**
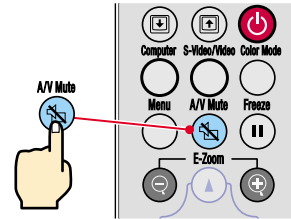
Remote Control

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.

First press [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.

The EPSON logo is recorded as the default user's logo. Use the menus to set your own user's logo if desired.
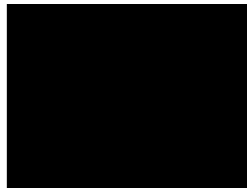
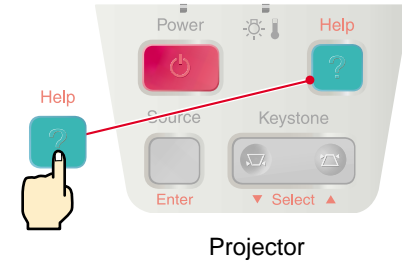|		
Solid black	Solid blue	User's logo

Functions for Enhancing Projection
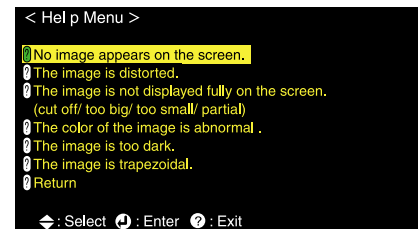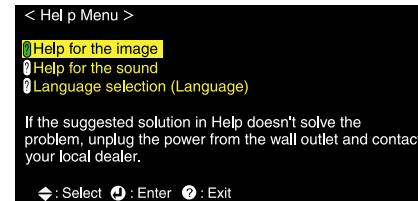
Troubleshooting
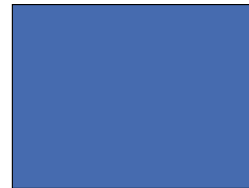
● Viewing the online help

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

1 Press [?] on the projector's control panel.

2 Select the item to view.
Press [ ][ ] on the projector's control panel.
Or press [▲][▼] on the remote control.

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

4 The help contents will then be displayed.
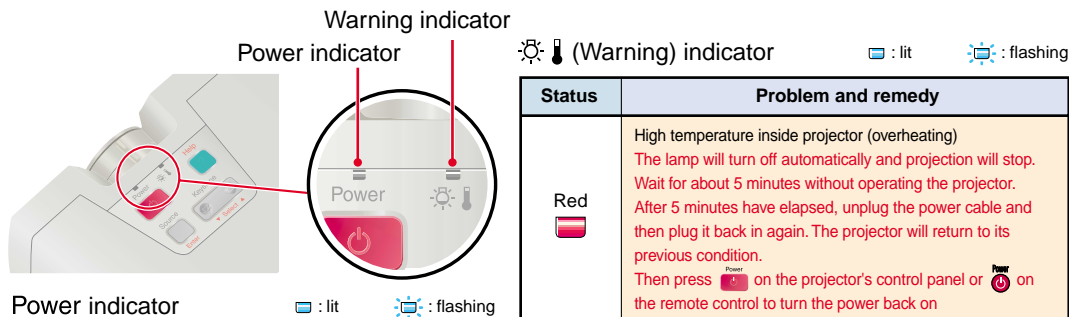To clear the help display, press [?] on the projector's control panel.

Projector

< Hel p Menu >

🄋 Help for the image
🄌 Help for the sound
🄍 Language selection (Language)

If the suggested solution in Help doesn't solve the problem, unplug the power from the wall outlet and contact your local dealer.

⬍ : Select   ↵ : Enter   🄋 : Exit

< Hel p Menu >

🄋 No image appears on the screen.
🄌 The image is distorted.
🄍 The image is not displayed fully on the screen.
  (cut off/ too big/ too small/ partial)
🄎 The color of the image is abnormal .
🄏 The image is too dark.
🄐 The image is trapezoidal.
🄑 Return

⬍ : Select   ↵ : Enter   🄋 : Exit

●Checking the indicators

You can check the status of the projector using the indicators on the projector's control panel.
Refer to the table below for details on checking and remedying the cause of problems.

Warning indicator
Power indicator

☀ 🌡 (Warning) indicator   ▭ : lit   ☀ : flashing

Status	Problem and remedy
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, unplug the power cable and then plug it back in again. The projector will return to its previous condition. Then press ▭ on the projector's control panel or ⏻ on the remote control to turn the power back on
Red ☀ (0.5-second intervals)	Lamp problem Remove the lamp and check if it is broken. If the lamp is broken replace by a new lamp, or contact your local dealer for further advise. *1
Red ☀ (1-second intervals)	Internal problem Stop using the projector and ask for service. *2
Orange ☀	High-speed cooling in progress. If the temperature rises too high again, projection will stop automatically. Check that the air inlet and air outlet are clear, and that the internal room temperature is not too high.

Power indicator   ▭ : lit   ☀ : flashing

Status	Problem and remedy
Orange ▭	Standby condition The power cable should only be disconnected when the projector is in this condition. Press ▭ on the projector's control panel or ⏻ on the remote control to start projection.
Orange ☀	Cool-down in progress After about 45 seconds, the projector will change to standby mode (the indicator will light orange).
Green ▭	Projection in progress
Green ☀	Warm-up in progress After warm-up finishes, projection starts when an image signal is input.

*1 Contact your dealer for a spare lamp.
*2 For repairs, contact your dealer or the nearest address provided at "International Warranty Conditions" in "Safety Instructions/World-Wide Warranty Terms".

EPSON®