

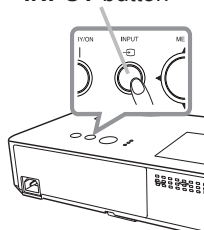


## Selecting an input signal

1. Press **INPUT** button on the projector.
  - Each time you press the button, the projector switches its input port from the current port as below.



INPUT button

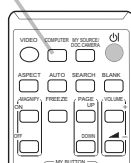


- While ON is selected for AUTO SEARCH item in OPTION menu (53), the projector will keep checking the ports in above order repeatedly till an input signal is detected.
- It may take several seconds to project the images from the **USB TYPE B** port.

1. Press **COMPUTER** button on the remote control.
  - Each time you press the button, the projector switches its input port from the current port as below.



COMPUTER button

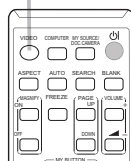


- While ON is selected for AUTO SEARCH item in OPTION menu, the projector will keep checking every port sequentially till an input signal is detected (53). If **COMPUTER** button is pressed when **VIDEO**, **S-VIDEO** or **HDMI** port is selected, the projector will check **COMPUTER IN1** port first.
- It may take several seconds to project the images from the **USB TYPE B** port.

1. Press **VIDEO** button on the remote control.
  - Each time you press the button, the projector switches its input port from the current port as below.



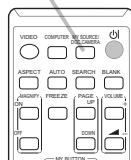
VIDEO button



- While ON is selected for AUTO SEARCH item in OPTION menu, the projector will keep checking every port sequentially till an input signal is detected (53). If **VIDEO** button is pressed when **COMPUTER IN1**, **COMPUTER IN2**, **LAN**, **USB TYPE A** or **USB TYPE B** port is selected, the projector will check **HDMI** port first.

1. Press the **MY SOURCE / DOC. CAMERA** button on the remote control. The input signal will be changed into the signal you set as MY SOURCE (57).

MY SOURCE / DOC. CAMERA button



- This function also can use for document camera. Select the input port that connected the document camera.

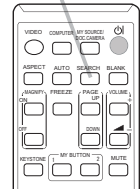
## Searching an input signal

1. Press **SEARCH** button on the remote control.
  - The projector will start to check its input ports as below in order to find any input signals. When an input is found, the projector will stop searching and display the image. If no signal is found, the projector will return to the state selected before the operation.



- While ON is selected for AUTO SEARCH item in OPTION menu (53), the projector will keep checking the ports in above order repeatedly till an input signal is detected.
- It may take several seconds to project the images from the **USB TYPE B** port.

SEARCH button



## Selecting an aspect ratio

1. Press **ASPECT** button on the remote control.
  - Each time you press the button, the projector switches the mode for aspect ratio in turn.

- For a computer signal

NORMAL → 4:3 → 16:9 → 16:10

- For an HDMI™ signal

NORMAL → 4:3 → 16:9 → 16:10 → 14:9

- For a video signal, s-video signal or component video signal

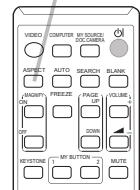
4:3 → 16:9 → 14:9

- For an input signal from the LAN, USB TYPE A or USB TYPE B port, or if there is no signal

4:3 (fixed)

- **ASPECT** button does not work when no proper signal is inputted.
- **NORMAL** mode keeps the original aspect ratio setting.

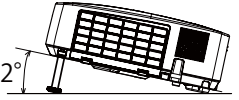
ASPECT button



## Adjusting the projector's elevator

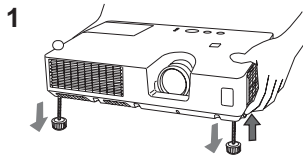
When the place to put the projector is slightly uneven to the left or right, use the elevator feet to place the projector horizontally.

Using the feet can also tilt the projector in order to project at a suitable angle to the screen, elevating the front side of the projector within 12 degrees.

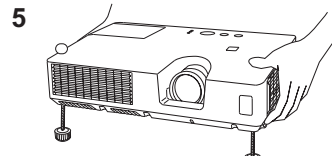


This projector has 2 elevator feet and 2 elevator knobs. An elevator foot is adjustable while pulling up the elevator knob on the same side as it.

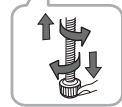
1. Holding the projector, pull the elevator knobs up to loose the elevator feet.
2. Position the front side of the projector to the desired height.
3. Release the elevator knobs in order to lock the elevator feet.
4. After making sure that the elevator feet are locked, put the projector down gently.
5. If necessary, the elevator feet can be manually twisted to make more precise adjustments. Hold the projector when twisting the feet.



To loose an elevator foot, pull up the elevator knob on the same side as it.



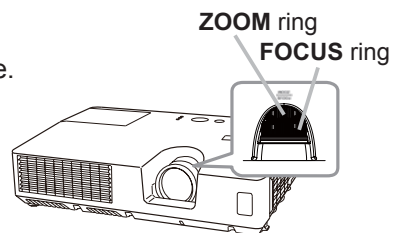
To finely adjust, twist the foot.



**⚠ CAUTION** ▶ Do not handle the elevator buttons without holding the projector, since the projector may drop down.  
 ▶ Do not tilt the projector other than elevating its front within 12 degrees using the adjuster feet. A tilt of the projector exceeding the restriction could cause malfunction or shortening the lifetime of consumables, or the projector itself.

## Adjusting the zoom and focus

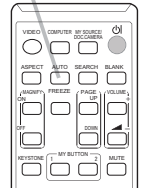
1. Use the **ZOOM** ring to adjust the screen size.
2. Use the **FOCUS** ring to focus the picture.



## Using the automatic adjustment feature

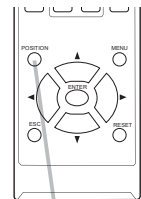
1. Press **AUTO** button on the remote control.
  - Pressing this button performs the following.
    - **For a computer signal**  
The vertical position, the horizontal position and the horizontal phase will be automatically adjusted.  
Make sure that the application window is set to its maximum size prior to attempting to use this feature. A dark picture may still be incorrectly adjusted. Use a bright picture when adjusting.
    - **For a video signal and s-video signal**  
The video format best suited for the respective input signal will be selected automatically. This function is available only when the AUTO is selected for the VIDEO FORMAT item in the INPUT menu ( [40](#) ). The vertical position and horizontal position will be automatically set to the default.
    - **For a component video signal**  
The vertical position and horizontal position will be automatically set to the default. The horizontal phase will be automatically adjusted.
      - The automatic adjustment operation requires approx. 10 seconds. Also please note that it may not function correctly with some input.
      - When this function is performed for a video signal, a certain extra such as a line may appear outside a picture.
      - When this function is performed for a computer signal, a black frame may be displayed on the edge of the screen, depending on the computer model.
      - The items adjusted by this function may vary when the FINE or DISABLE is selected for the AUTO ADJUST item of the SERVICE item in the OPTION menu ( [57](#) ).

AUTO button



## Adjusting the position

1. Press **POSITION** button on the remote control when no menu is indicated.  
The "POSITION" indication will appear on the screen.
2. Use the **▲/▼/◀/▶** cursor buttons to adjust the picture position.  
When you want to reset the operation, press **RESET** button on the remote control during the operation.  
To complete this operation, press **POSITION** button again. Even if you do not do anything, the dialog will automatically disappear after a few seconds.



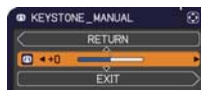
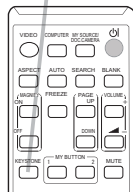
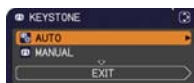
POSITION button

- When this function is performed on a video signal or an s-video signal, some image such as an extra-line may appear at outside of the picture.
- When this function is performed on a video signal or s-video signal, the range of this adjustment depends on OVER SCAN in IMAGE menu ( [36](#) ) setting. It is not possible to adjust when OVER SCAN is set to 10.
- If **POSITION** button is pressed when a menu is indicated on screen, the displayed picture does not move its position but the menu does.
- This function is unavailable for a signal from the **LAN**, **USB TYPE A**, **USB TYPE B** or **HDMI** port.

## Correcting the keystone distortions

KEYSTONE button

1. Press **KEYSTONE** button on the remote control. A dialog will appear on the screen to aid you in correcting the distortion.
2. Use the ▲/▼ cursor buttons to select **AUTO** or **MANUAL** operation, and press the ► button to perform the following.
  - (1) **AUTO** executes automatic vertical keystone correction.
  - (2) **MANUAL** displays a dialog for keystone correction. Use the ◀/▶ buttons for adjustment.




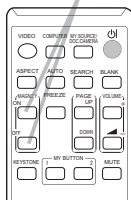
To close the dialog and complete this operation, press **KEYSTONE** button again. Even if you do not do anything, the dialog will automatically disappear after a few seconds.


- The menu or dialog will automatically disappear after several seconds of inactivity. Pressing the **KEYSTONE** button again finishes the operation and closes the menu or dialog.
- The adjustable range of this function will vary among inputs. For some input, this function may not work well.
- When **REAR / CEILING** or **FRONT / CEILING** is selected for the **INSTALLATION** item in the **SETUP** menu, the automatic vertical keystone correction function may not work correctly if the projector screen is slanted or tilted downwards.
- When the zoom adjustment is set to the **TELE** (telephoto focus), this function may be excessive. This function should be used when the zoom adjustment is set to the full **WIDE** (wide-angle focus) whenever possible.
- When the projector is placed on the level (about  $\pm 4^\circ$ ), the automatic keystone distortion correction may not work.
- When the projector is inclined to near  $\pm 30$  degree or over, this function may not work well.
- This function will be unavailable when the Transition Detector is on (📖77).


## Using the magnify feature

### MAGNIFY ON/OFF button

1. Press the **MAGNIFY ON** button on the remote control. The picture will be magnified, and the MAGNIFY dialog will appear on the screen. When the **MAGNIFY ON** button is pressed for the first time after the projector is turned on, the picture will be zoomed by 1.5 times. On the dialog, triangle marks to show each direction will be displayed.
 



2. The display magnification of the projector switches in order with every press of the **MAGNIFY ON** button.
  - For computer signals, HDMI™ (RGB) signals, input signals from the LAN, USB TYPE A or USB TYPE B port  
1.5 times → 2 times → 3 times → 4 times → 1 time  

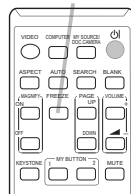

  - For video signals, s-video signals, component video signals or HDMI™ (Component) signals  
1.5 times → 2 times → 1 time  


3. While the triangles are displayed on the dialog, use the ▲/▼/◀/▶ cursor buttons to shift the magnifying area.
4. Press the **MAGNIFY OFF** button on the remote control to exit magnification.
  - The MAGNIFY dialog will automatically disappear in several seconds with no operation. The dialog will appear again if the **MAGNIFY ON** button is pressed when the dialog has automatically disappeared.
  - The magnification is automatically disabled when the displaying signal or its display condition is changed.
  - While the magnification is active, the keystone distortion condition may vary. It will be restored when the magnification is disabled.
  - Some horizontal stripes might be visible on the image while magnification is active.
  - This function is not available in the following cases:
    - A sync signal in the range not supported is input.
    - There is no input signal.

## Temporarily freezing the screen

1. Press the **FREEZE** button on the remote control.
  - The “FREEZE” indication will appear on the screen (however, the indication will not appear when the OFF is selected for the MESSAGE item in the SCREEN menu (📖49)), and the projector will go into the FREEZE mode, which the picture is frozen.
  - To exit the FREEZE mode and restore the screen to normal, press the **FREEZE** button again.

FREEZE button

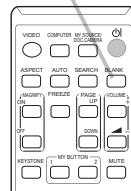


- The projector automatically exits from the FREEZE mode when some control buttons are pressed.
- If the projector continues projecting a still image for a long time, the LCD panel might possibly be burned in. Do not leave the projector in the FREEZE mode for too long.
- Images might appear degraded when this function is operated, but it is not a malfunction.

## Temporarily blanking the screen

1. Press **BLANK** button on the remote control.
  - The BLANK screen will be displayed instead of the screen of input signal. Please refer to BLANK item in SCREEN menu (📖47).
  - To exit from the BLANK screen and return to the input signal screen, press **BLANK** button again.

BLANK button



- The projector automatically exits from the BLANK mode when some control buttons are pressed.

**⚠ CAUTION** ▶ If you wish to have a blank screen while the projector's lamp is on, use the BLANK function above. Taking any other action may cause the damage on the projector.

**NOTE** • The sound is not connected with the BLANK screen function. If necessary, set the volume or mute first. To display the BLANK screen and mute the sound at one time, use AV MUTE function (📖57).



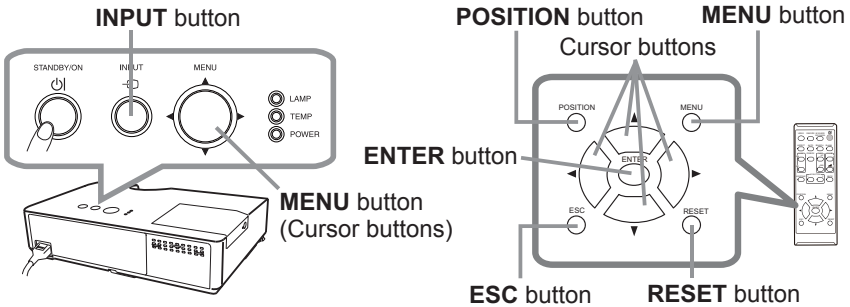
## Using the menu function

This projector has the following menus:

PICTURE, IMAGE, INPUT, SETUP, AUDIO, SCREEN, OPTION, NETWORK, SECURITY and EASY MENU.

EASY MENU consists of functions often used, and the other menus are classified into each purpose and brought together as the ADVANCED MENU.

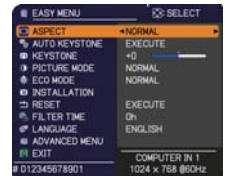
Each of these menus is operated using the same methods. While the projector is displaying any menu, the **MENU** button on the projector works as the cursor buttons. The basic operations of these menus are as follows.



1. To start the MENU, press the **MENU** button. The MENU you last used (EASY or ADVANCED) will appear. EASY MENU has priority to appear just after powered on.

### 2. In the EASY MENU

- (1) Use the **▲/▼** cursor buttons to select an item to operate. If you want to change it to the ADVANCED MENU, select the ADVANCED MENU.
- (2) Use the **◀/▶** cursor buttons to operate the item.



### In the ADVANCED MENU

- (1) Use the **▲/▼** cursor buttons to select a menu. If you want to change it to the EASY MENU, select the EASY MENU. The items in the menu appear on the right side.
- (2) Press the **▶** cursor button or **ENTER** button to move the cursor to the right side. Then use the **▲/▼** cursor buttons to select an item to operate and press the **▶** cursor button or **ENTER** button to progress. The operation menu or dialog of the selected item will appear.
- (3) Use the buttons as instructed in the OSD to operate the item.

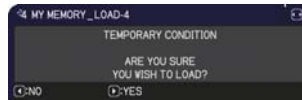
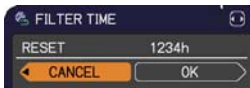


(continued on next page)

### Using the menu function (continued)

3. To close the MENU, press the **MENU** button again or select EXIT and press the ◀ cursor button or **ENTER** button. Even if you do not do anything, the dialog will automatically disappear after about 30 seconds.
  - If you want to move the menu position, use the cursor buttons after pressing the **POSITION** button.
  - Some functions cannot be performed when a certain input port is selected, or when a certain input signal is displayed.
  - When you want to reset the operation, press **RESET** button on the remote control during the operation. Note that some items (ex. LANGUAGE, VOLUME) cannot be reset.
  - In the **ADVANCED MENU**, when you want to return to the previous display, press the ◀ cursor button or **ESC** button on the remote control.

### Indication in OSD (On Screen Display)



The meanings of the general words on the OSD are as follows.

Indication	Meaning
EXIT	Selecting this word finishes the OSD menu. It's the same as pressing the <b>MENU</b> button.
RETURN	Selecting this word returns the menu to the previous menu.
CANCEL or NO	Selecting this word cancels the operation in the present menu and returns to the previous menu.
OK or YES	Selecting this word executes the prepared function or shifts the menu to the next menu.