

# Using LCD Projectors

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**Optoma TX-542**



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web-based tutorials

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**Elementary Storytelling in iTunes**

Teachers and students

How video and audio tools are Curriculum topics chosen by the the reenactment of historical or

re class, while others use a Video length is generally 2 to

**LCD Projectors**  
**Optoma TX-542**

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Optomax TX-234  
Mapping Network Printers  
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# Objectives

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- **Laptop settings**
  1. Connect laptop to projector
  2. Display settings
- **Projector settings**
  1. Initial setup
  2. Video and audio inputs
  3. Help menu
  4. System setup menus
  5. Shut down

# Using LCD Projectors

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**HP 6450 Laptop  
Setup**

# Laptop Projector Port

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## HP 6450b rear view

1. RJ-45 network cable for Internet
2. External VGA monitor – projector port
3. Power connector

# Connect Projector

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From  
**LCD**  
projector



**Laptop  
VGA port**  
3 rows  
5 pins per row

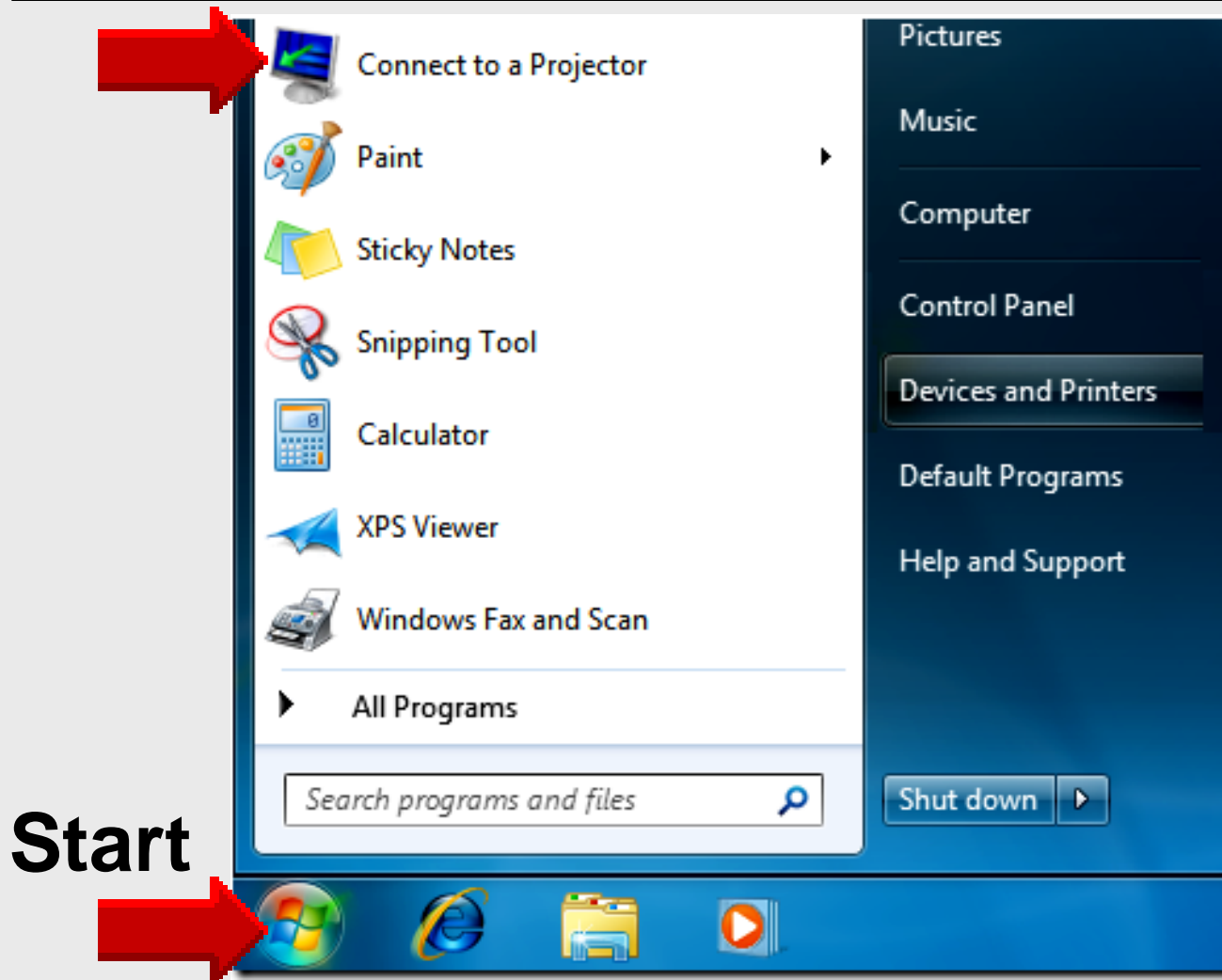
# Connect *to* Projector

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## Press **Function + F4**

1. Laptop monitor only
2. Projector screen only
3. Monitor + projector screen

# Connect *to* Projector



**Start**

# Connect *to* Projector

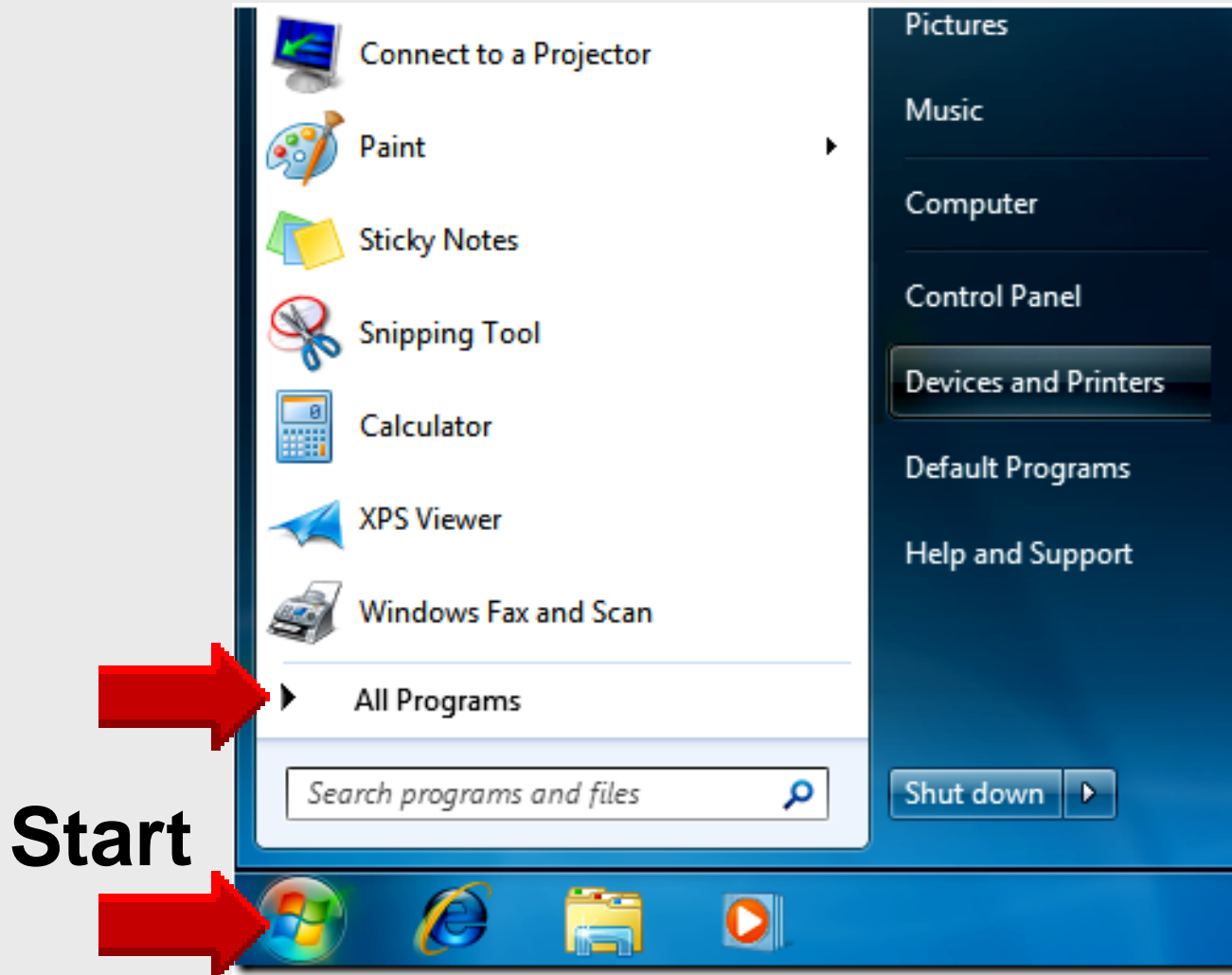
---



**Menu also obtained by**

- Pressing Function + F4
-  key + P

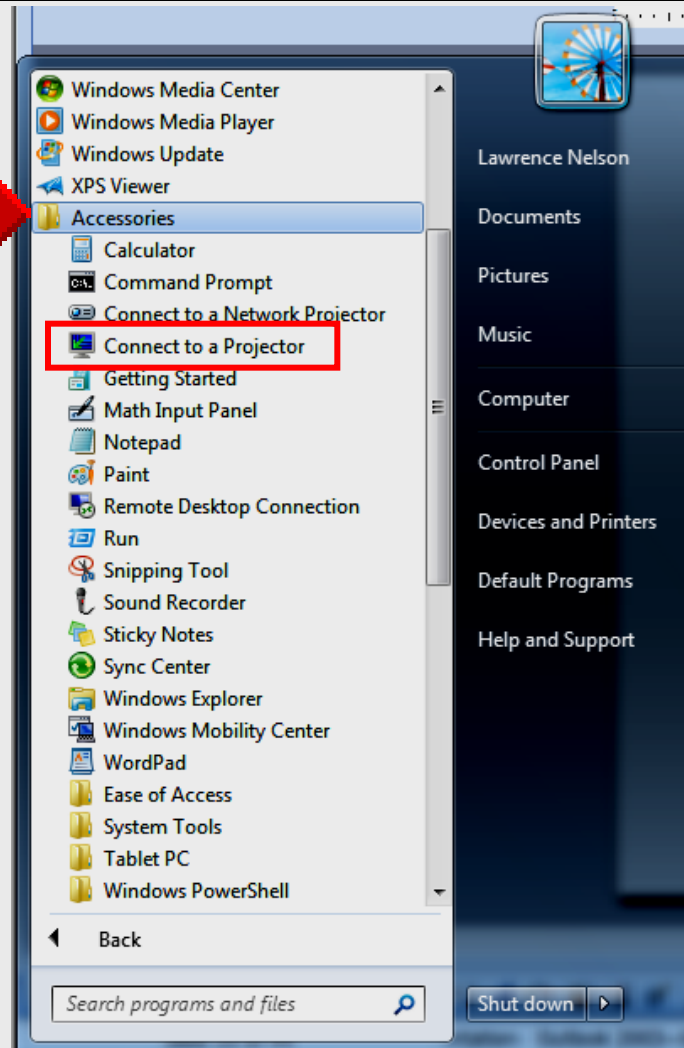
# Find Connect *to* Projector



# Find *Connect to* Projector

**Left click**  
**Accessories**

**Right-click**  
To pin to  
Start Menu



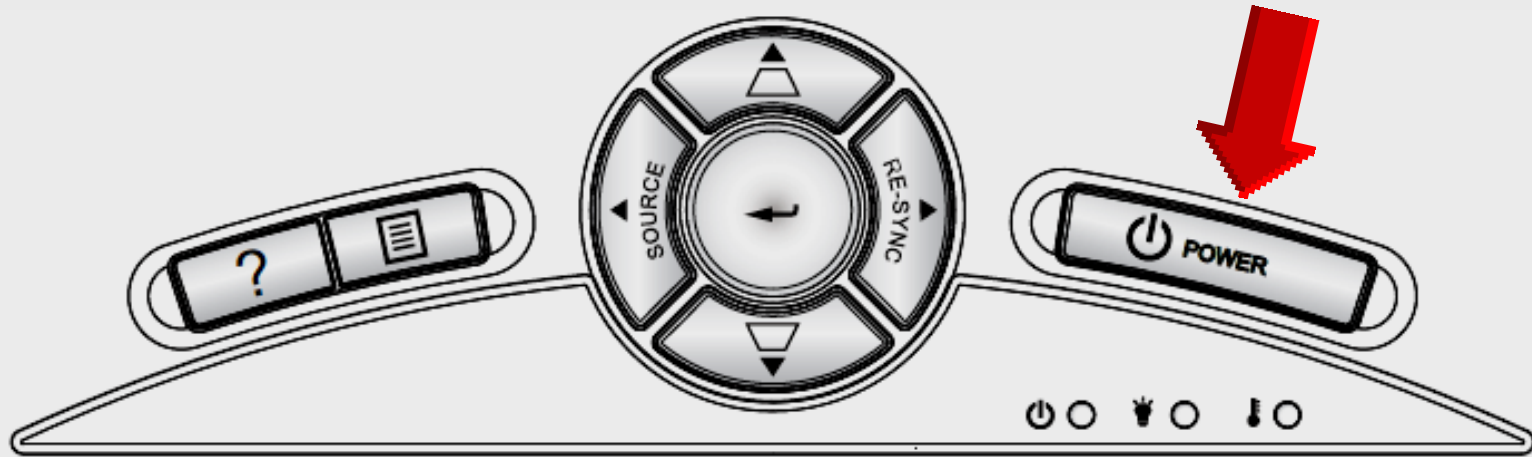
# Using LCD Projectors

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**Optoma TX-542  
Setup**

# Power Up

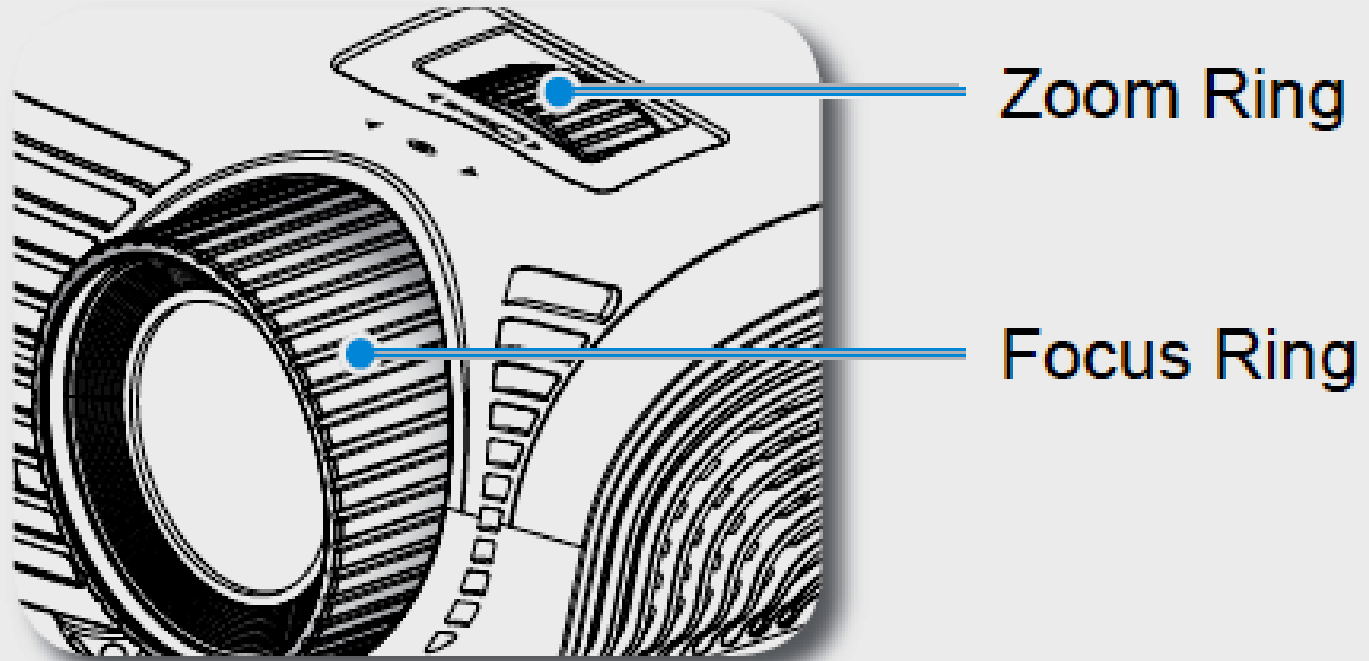
---



## Control Panel

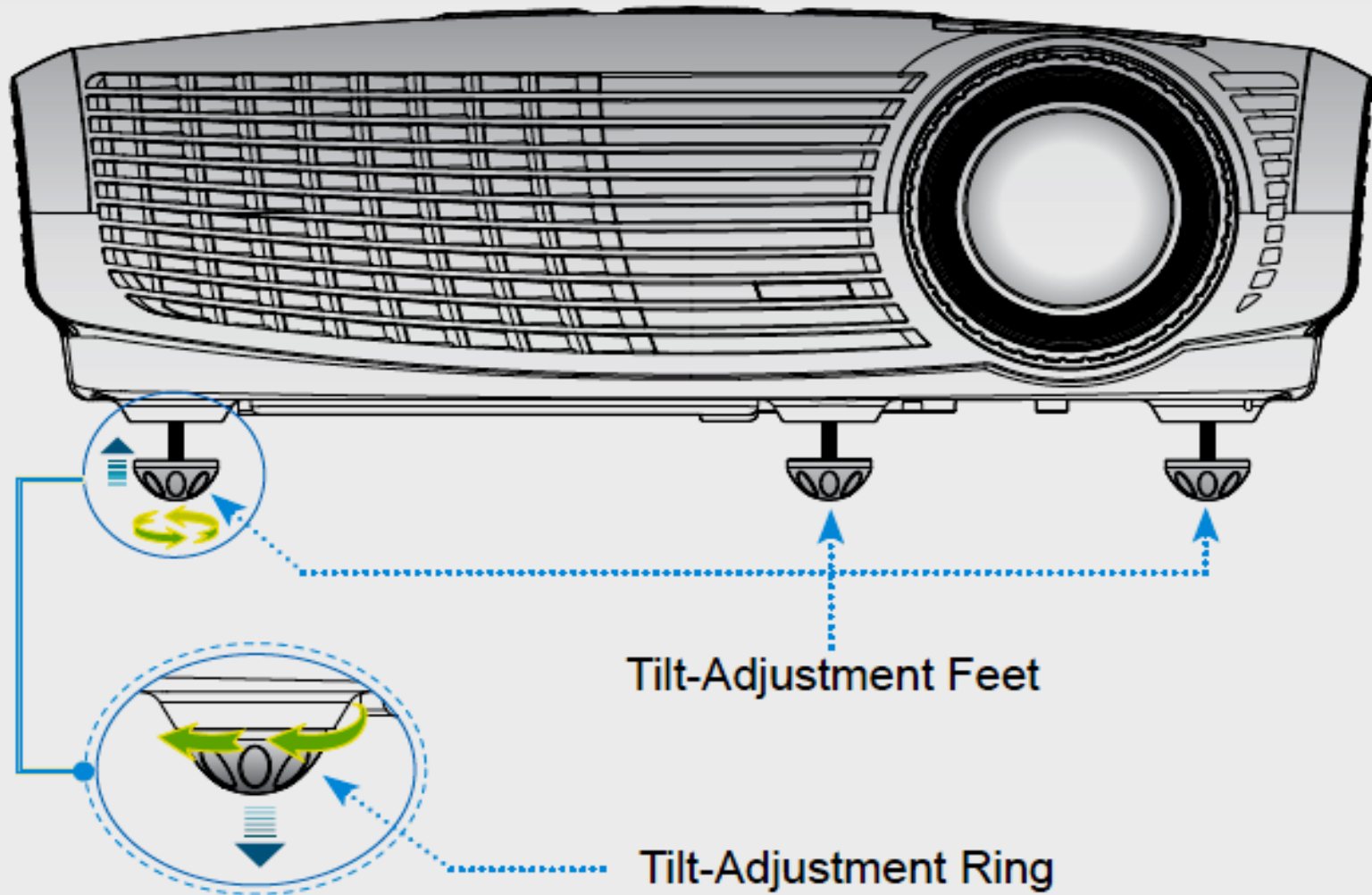
# Focus and Zoom

---



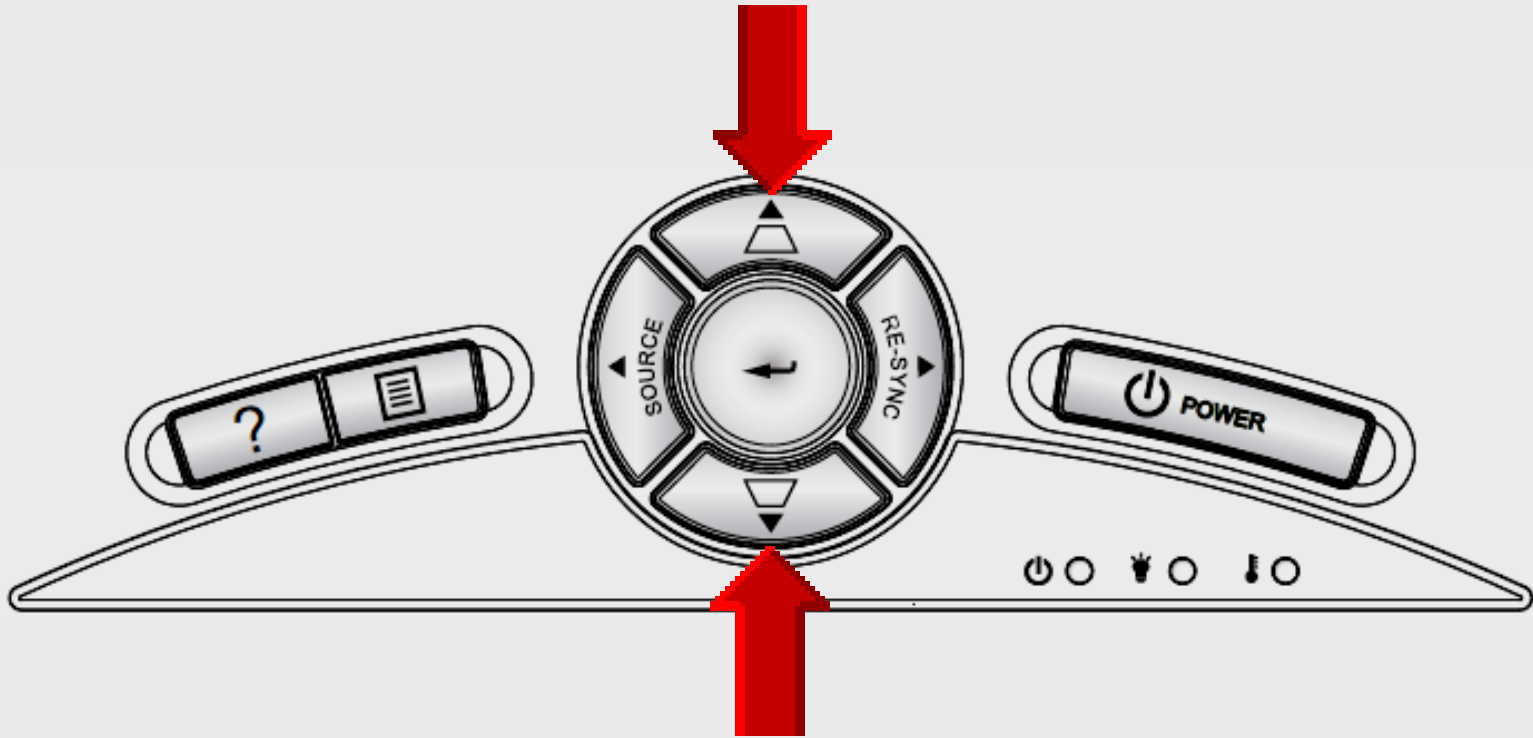
## Adjusting Projection Image Size

# Tilt Adjust



# Keystone Adjust

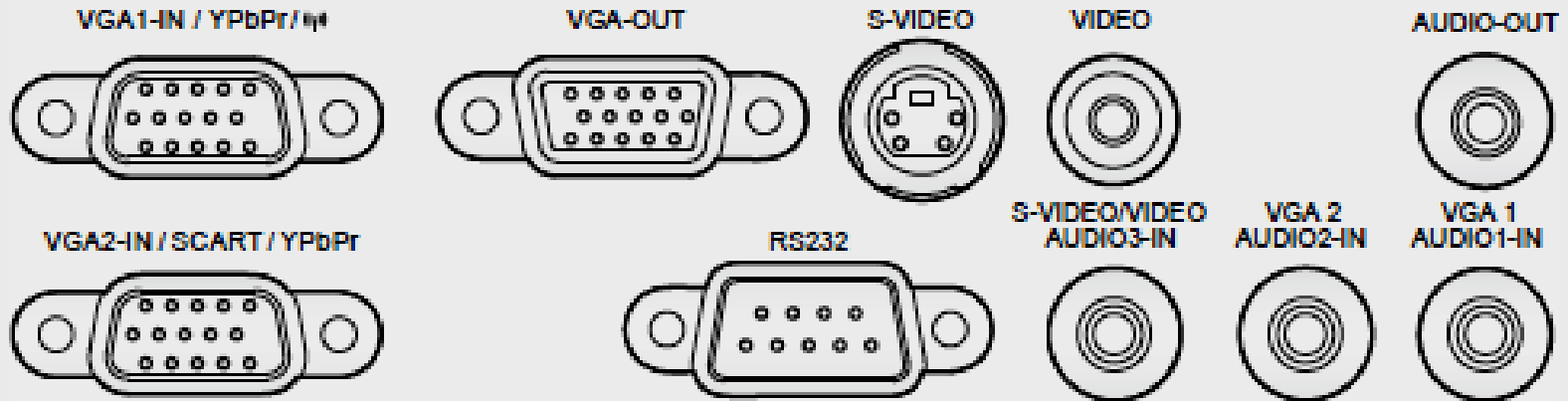
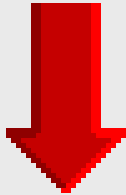
---



Adjusts left-right edges  
of the projected image

# Monitor Video Input

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Video from laptop or  
desktop computer

# Display Default

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**SVGA**  
800 x 600 PIXELS

**XGA**  
1,024 x 768 PIXELS

# Control Panel

Adjust your computer's settings

View by: **Large icons** ▾



Action Center



Administrative Tools



Adobe Gamma



AutoPlay



Backup and Restore



Color Management



Credential Manager



Date and Time



Default Programs



Desktop Gadgets



Device Manager



Devices and Printers



Display



Ease of Access Center



Folder Options



Fonts



Getting Started



HomeGroup



HP 3D DriveGuard



HP Power Assistant



HP Wireless Assistant



IDT Audio Control Panel



Indexing Options



Intel(R) Graphics and Media


# Change Display Settings

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Control Panel Home

Adjust resolution

Adjust brightness

 Calibrate color

Change display settings

Connect to a projector

Adjust ClearType text

Set custom text size (DPI)

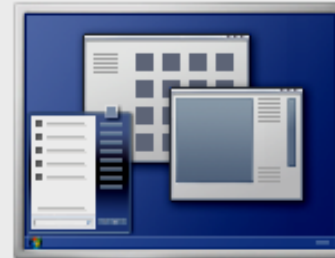


## Make it easier to read what's on your screen

You can change the size of text and other items on your screen by choosing one of these options. To temporarily enlarge just part of the screen, use the [Magnifier](#) tool.

Smaller - 100% (default)    Preview \_\_\_\_\_

Medium - 125%



# Change Display Settings

Change the appearance of your display



Display:

1. Mobile PC Display ▾

Resolution:

1366 × 768 (recommended) ▾


**OR**

1024 × 768 ▾

Orientation:

Landscape ▾

[Advanced settings](#)

[Connect to a projector](#) (or press the  key and tap P)

[Make text and other items larger or smaller](#)

[What display settings should I choose?](#)



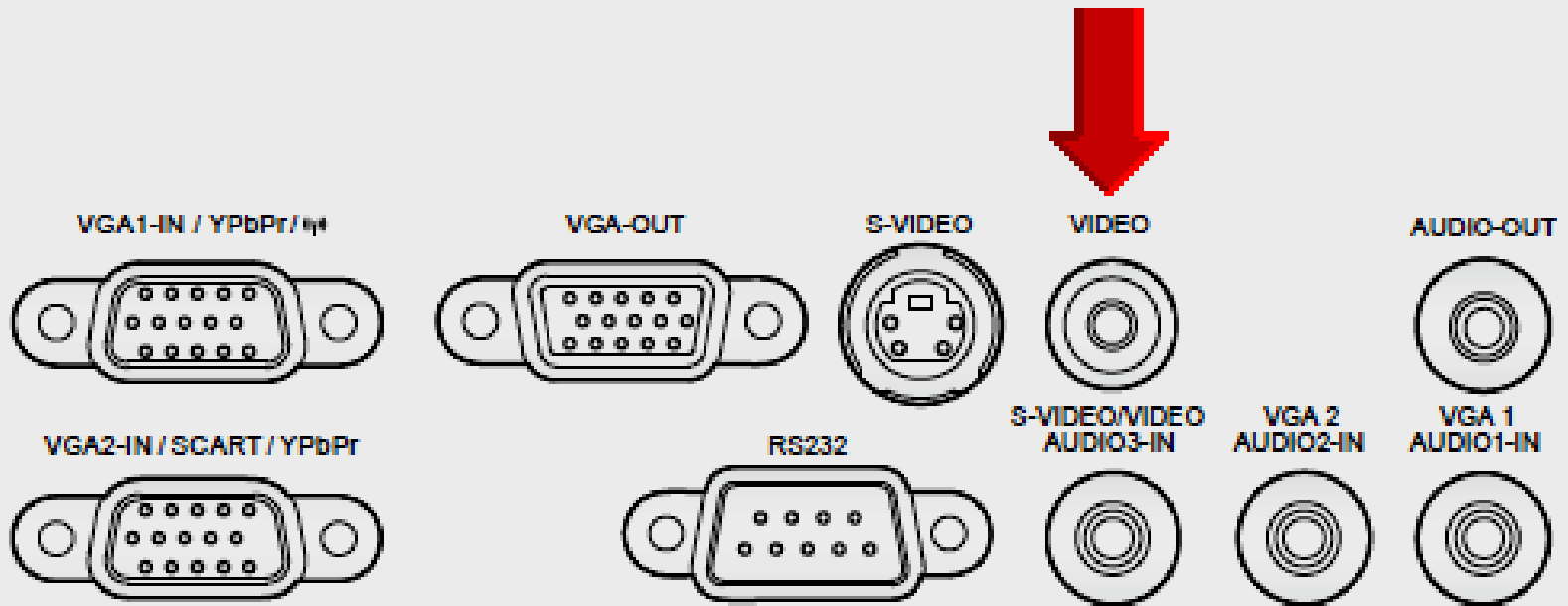
OK

Cancel

Apply

# Composite Video Input

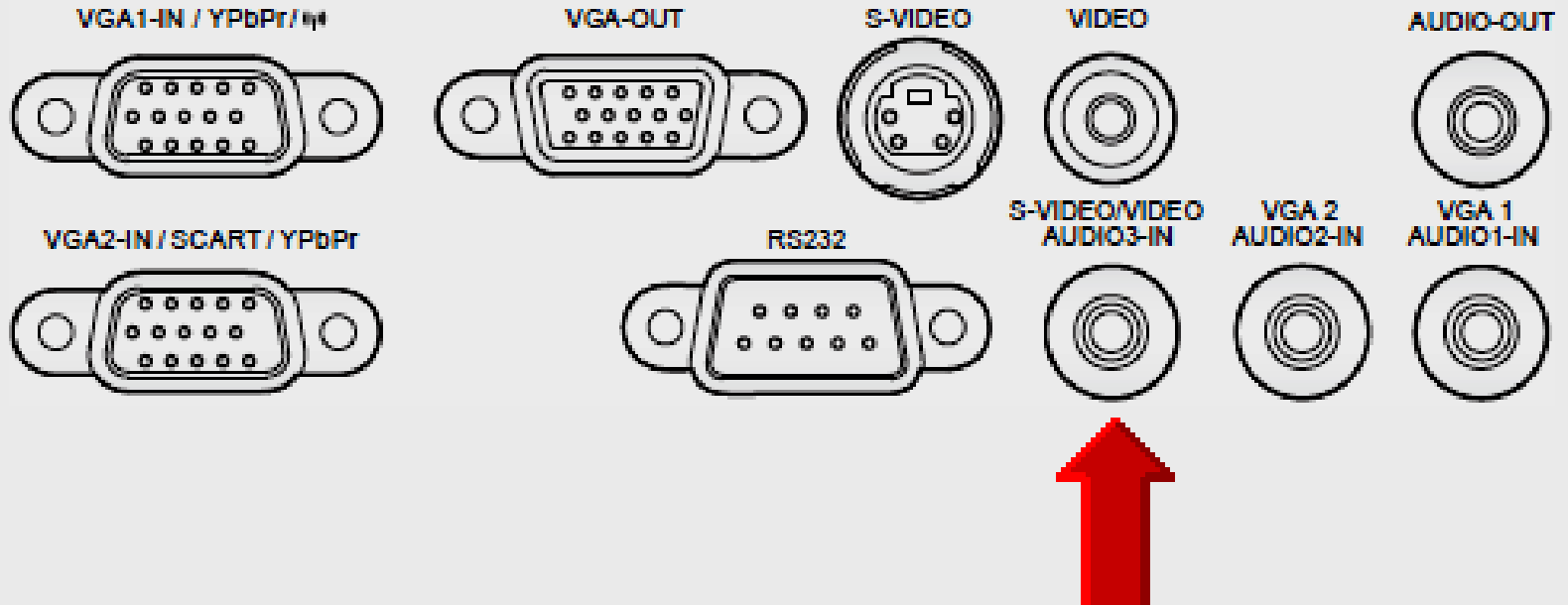
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Video from DVD player  
S-video is better quality

# Audio Input

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Use the built-in speaker

# Audio Input

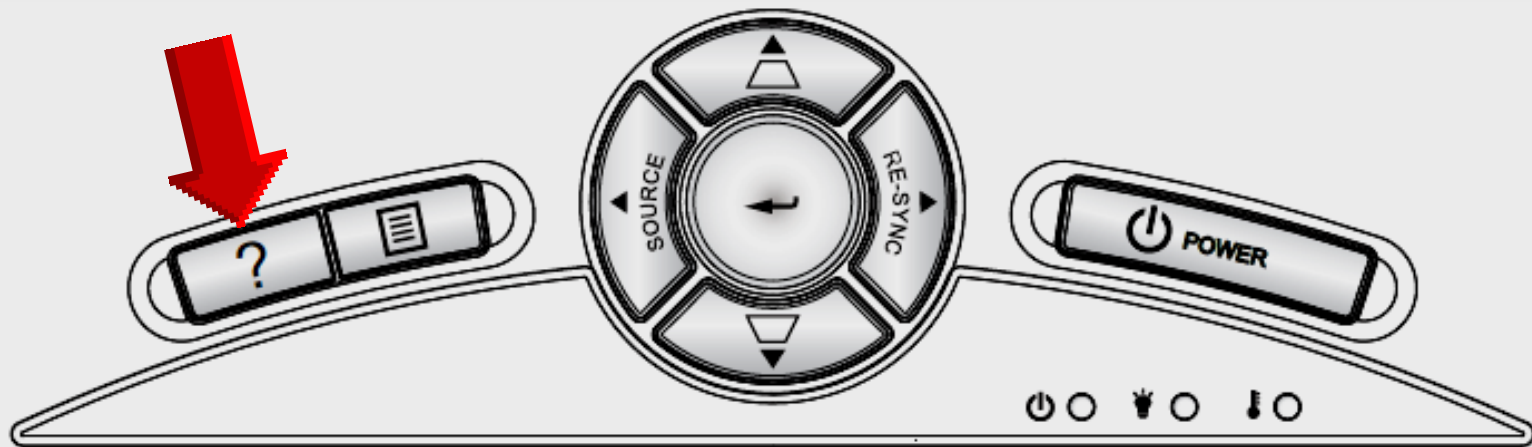
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3.5mm stereo cable  
from laptop headphone  
to audio in on projector

# Help Menu

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# Output Settings

No Image appears on-screen.

- ▶ If you are using a Notebook :
  1. First, follow the steps above to adjust resolution of the computer.
  2. Press the toggle output settings. Example : [Fn]+[F4]

Acer ⇨	[Fn]+[F5]	IBM/Lenovo ⇨	[Fn]+[F7]
Asus ⇨	[Fn]+[F8]	HP/Compaq ⇨	[Fn]+[F4]
Dell ⇨	[Fn]+[F8]	NEC ⇨	[Fn]+[F3]
Gateway ⇨	[Fn]+[F4]	Toshiba ⇨	[Fn]+[F5]

Mac Apple :

System Preference ⇨ Display ⇨ Arrangement ⇨ Mirror display

[PREV]

 [Exit]

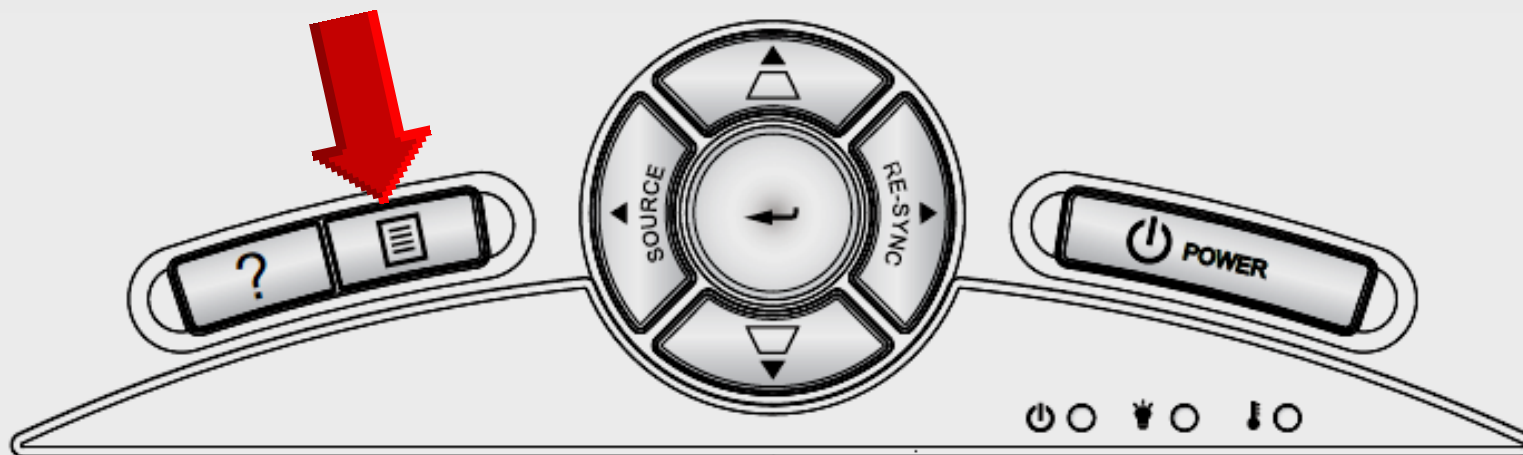
 Up/Down

 Select

 Menu Exit

# Menu Button

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# Image Menu

The screenshot displays a television's menu system. At the top, there are four main menu items: **IMAGE**, **DISPLAY**, **SETUP**, and **OPTIONS**. A red arrow points to the **IMAGE** menu. Below this, the **IMAGE** menu is expanded, showing the following settings:

- Display Mode**: Presentation (with left and right navigation arrows)
- Brightness**: 50 (with a sun icon)
- Contrast**: 50 (with a circle icon)
- Sharpness**: 15 (with a square icon)
- Saturation**: 50 (with a color bar icon)
- Tint**: 50 (with a triangle icon)
- Advanced**: (with a left navigation arrow)

At the bottom of the screen, there is a navigation bar with the following controls:

- Up/Down**: A red diamond-shaped button.
- Select**: A button with a left-pointing arrow.
- Menu/Exit**: A button with the word "Menu" and a right-pointing arrow.

# Advanced Menu

The screenshot displays a menu interface with four main categories: IMAGE, DISPLAY, SETUP, and OPTIONS. The 'IMAGE' category is selected and expanded, showing the following settings:

Setting	Value
Display Mode	Presentation
Brightness	50
Contrast	50
Sharpness	15
Saturation	50
Tint	50
Advanced	

A red arrow points to the 'Advanced' option. The bottom of the screen shows navigation controls: Up/Down, Select, Menu, and Exit.

# Input Source

IMAGE | ADVANCED | INPUT SOURCE

VGA1	<input checked="" type="checkbox"/>
VGA2	<input checked="" type="checkbox"/>
S-Video	<input checked="" type="checkbox"/>
Video	<input checked="" type="checkbox"/>
HDMI	<input checked="" type="checkbox"/>

Exit

Up/Down    Select    Menu    Exit

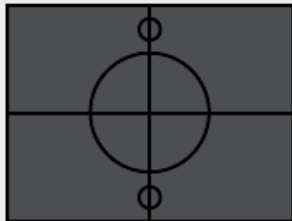
# Display Menu



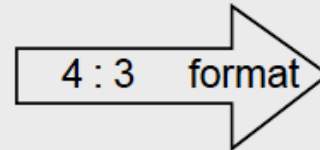
# Format

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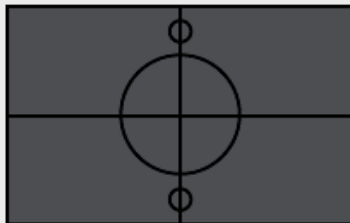
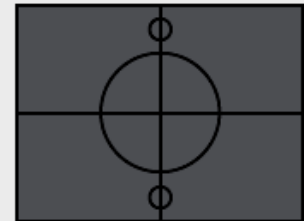
Input Signal



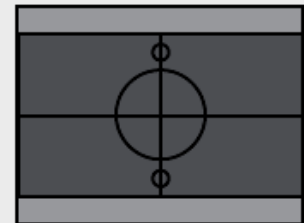
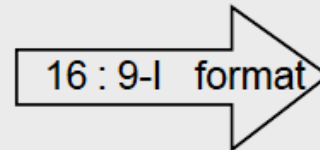
**4:3**



Display on Screen



**16:9**



# Setup Menu



# Setup Menu

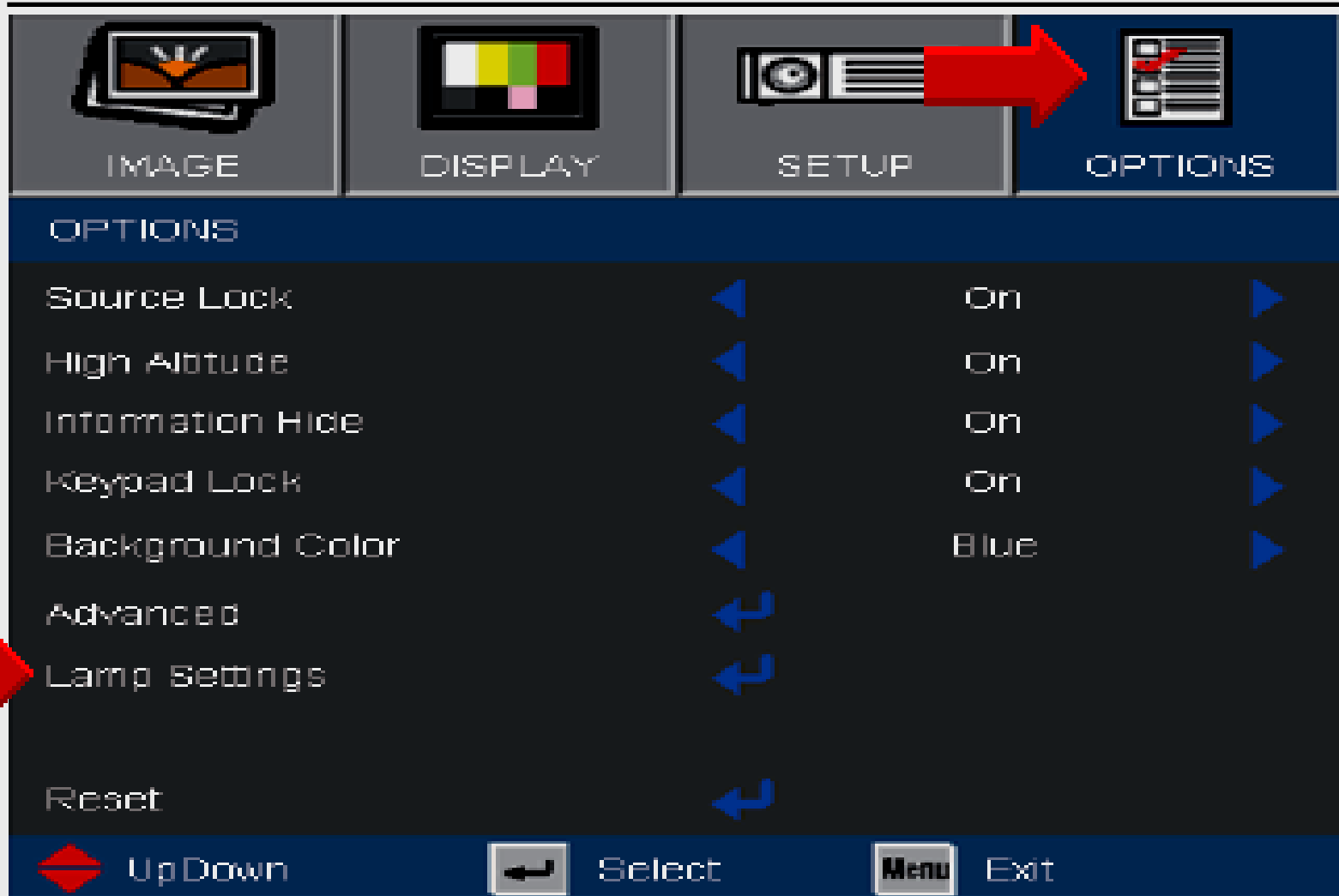
The screenshot shows a projector's Setup Menu with the following structure:

- IMAGE**: Represented by an icon of a projector screen.
- DISPLAY**: Represented by a color calibration chart icon.
- SETUP**: The active menu, containing:
  - Language: English
  - Projection: Icon of a projector screen.
  - Menu Location: Icon of a projector screen.
  - Signal: Icon of a signal source.
  - Security: Icon of a padlock.
  - Projector ID: A slider from 0 to 99, currently set to 50.
  - Mute: On
  - Volume: A slider with a speaker icon, currently set to 8. A red arrow points to this option.
  - Audio Input: Default
  - Advanced: Icon of a gear.
- OPTIONS**: Represented by a list icon.

Navigation controls at the bottom:

- UpDown: A red diamond with a vertical line.
- Select: A left-pointing arrow.
- Menu: A square with a vertical line.
- Exit: A square with a diagonal line.

# Options Menu



# Lamp Settings

The screenshot displays a menu system with four main categories: IMAGE, DISPLAY, SETUP, and OPTIONS. The OPTIONS menu is selected, showing a list of settings: Lamp Hours (1500), Lamp Reminder (Off), Brightness Mode (STD), and Lamp Reset. A red arrow points to the 'Lamp Hours' setting. The bottom of the screen shows navigation controls: UpDown, Select, Menu, and Exit.

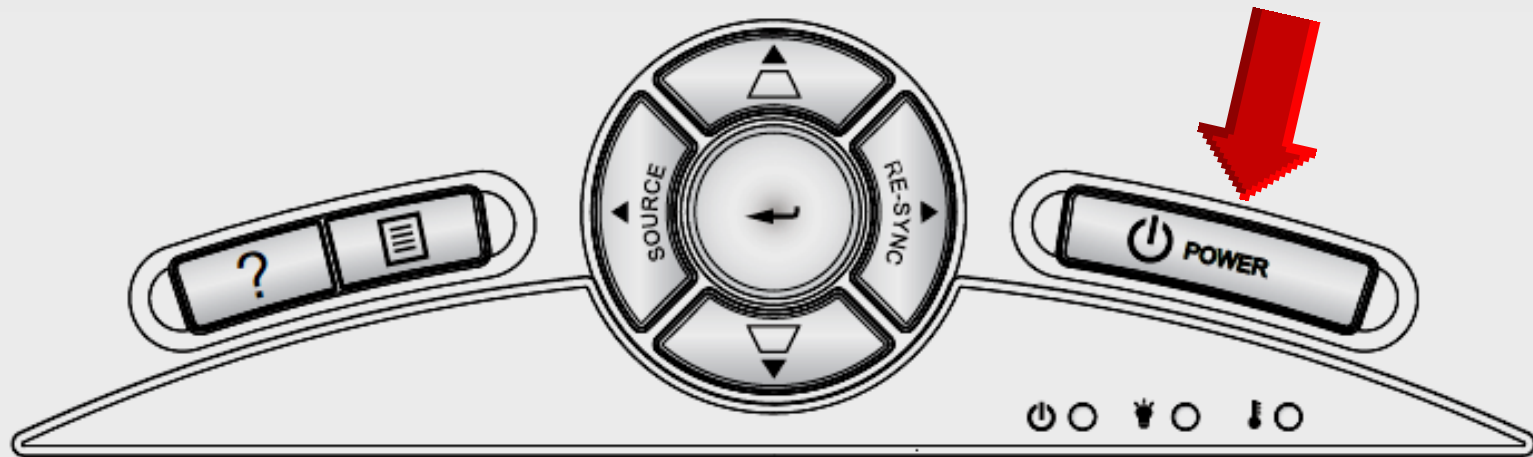
Category	Icon	Label
IMAGE		IMAGE
DISPLAY		DISPLAY
SETUP		SETUP
OPTIONS		OPTIONS

Setting	Value
Lamp Hours	1500
Lamp Reminder	Off
Brightness Mode	STD
Lamp Reset	

# Power Down

---



Press **Standby** **twice**  
Turns off in 90 seconds

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