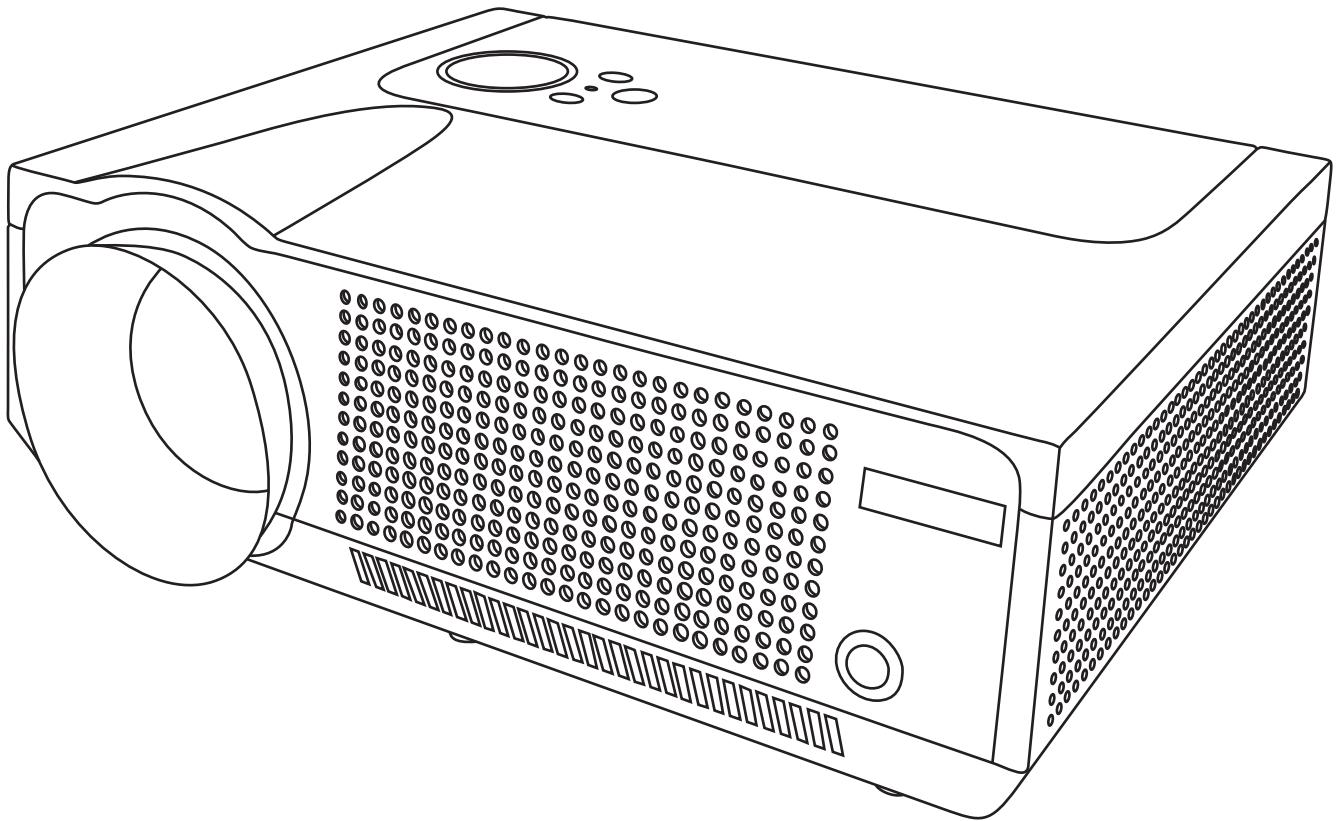


RioHD-LED-4T

User Manual



FAVI ENTERTAINMENT[®]
technology + design

Product specification and user manual is subject to change without prior notice due to engineering improvement. Color and appearance of product and icons in user manual may vary from that of actual product.

TABLE OF CONTENTS

Product Registration	01
Warranties	02
Important Safety Notes	03
Safety	03
Maintenance	03
What's in the Box	04
Power Projector	05
Turn ON Projector	05
Turn OFF Projector	05
Projector Overview	06
Focus Adjustment	06
Input Panel Layout	07
Keystone Adjustment	08
Top Control Panel Layout	09
Remote Overview	10
Installation	11
Image Size	12
Image Adjustment	12
Installation Methods	13
Menu Setting	14
Main Menu Overview	14
Settings Menu	14
Sound Menu	15
Time Menu	15
Picture Menu	16
Multimedia Menu	17
Troubleshooting	18
Technical Specification	19

PRODUCT REGISTRATION

Thank you for purchasing FAVI RioHD-LED-4T.
To better serve you in the future, please take a
moment to register your product at:
www.favientertainment.com/register

Product Registration allows us to send you important updates, service information and helpful hints. It will also make it easier should you ever need to call in for Technical Support. FAVI values your privacy and will never share your information with other companies.

WARRANTIES

Your RioHD-LED-4T projector is warrantied to be free of defects in material and workmanship for a period of 1 year from the date of receipt. Should your projector develop an issue requiring it to be repaired within this time frame, we will repair or exchange any defective unit at no cost to you.

FAVI Entertainment will pay round trip shipping for warranty claims within the USA. Excludes: HI, AK, APO, USA Territories, and international orders.

Our parts warranty is valid up to one year from the date of receipt. We will bill you a flat rate for repair and shipping costs before accepting the unit back for repair. You will not be billed for the cost of replacement parts. The above warranties will be considered null and void in the event of damage caused by misuse, neglect, improper handling, or improper installation.

FAQ's, and other support information can be found at
<http://www.favientertainment.com/help.asp>

For technical support, you may contact us at:
techsupport@favientertainment.com

IMPORTANT SAFETY NOTES

Before you use this projector, please read this manual carefully.

SAFETY

- Do not stare directly into the light of projector's lens.
- Do not expose projector to water or other sources of moisture to avoid electrical shock.
- Do not use projector in areas where flammable gases or fumes are present.
- Do not expose projector to extreme temperatures.

MAINTENANCE

- Use only the supplied power cable to power projector. Using other adapter may damage the projector.
- When cleaning projector, remove power cable and use a damp cloth.
- When not using projector, cover lens with lens cover to keep dirt and dust from getting on the lens.
- Place projector on stable surfaces.
- Do not attempt to disassemble projector. Doing so will void your warranty.
- To clean the air filter, gently push down on the filter tab of the projector (see pg. 6) and slide out the filter. Rinse out the filter with water and allow it to air dry before replacing it.
- In the event of a power surge, replace the fuse by removing the fuse retainer. Insert a small flat-head screwdriver in the slit under the fuse retainer (see pg. 7) and gently pry the fuse retainer out.

WHAT'S IN THE BOX

1x RioHD-LED-4T

1x Lens Cover

1x Remote Control

1x Power Cable

1x AV Cable

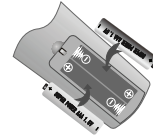
1x User Manual

1x Extra Fuse

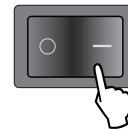
POWER PROJECTOR

Starting up your projector for the first time:

Step 1: Insert two AAA batteries into the remote control.



Step 2: Flip the main power switch to on (-) position.



Step 3: Press the power button on the remote or on the projector.



Note: The projector lamp should light up within a few seconds. The focus and keystone correction may need to be adjusted. Please see [Projector Overview > Keystone Adjustment](#) (page 8). After the necessary adjustments are made, your projector will be ready to use.

Powering down your projector:

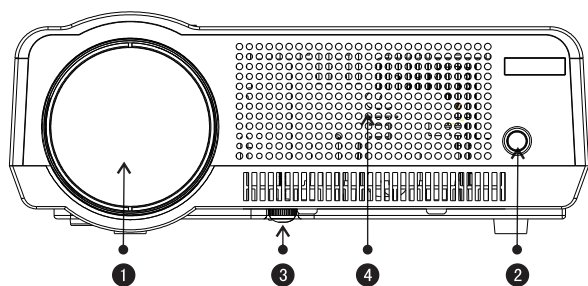
Step 1: When the projector is on, press the power button on either the remote or the projector to turn it off.



Note: The projector will not completely shut down at once. The projector will first enter shut down mode, where the green indicator light will turn red, before completely shutting down. You will not be able to turn the projector back on during shut down mode. It is recommended to let at least 15 minutes pass before turning the projector back on. Rapid powering on and off cycles will shorten the life of your projector's lamp.

PROJECTOR OVERVIEW

The following diagrams point out the features of your projector:

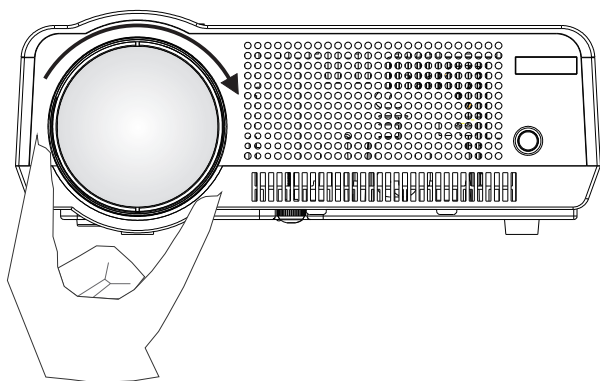


FRONT

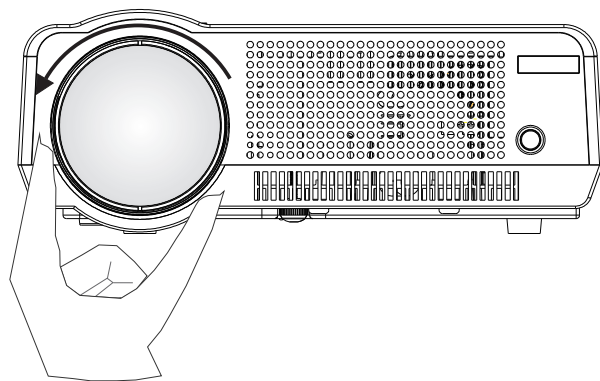
- 1 – Focus Lens (see below)
- 2 – IR Receiver
- 3 – Height Adjustment Foot
- 4 – Ventilation

Focus Adjustment

Rotate the lens clockwise or counter clockwise to adjust the focus.

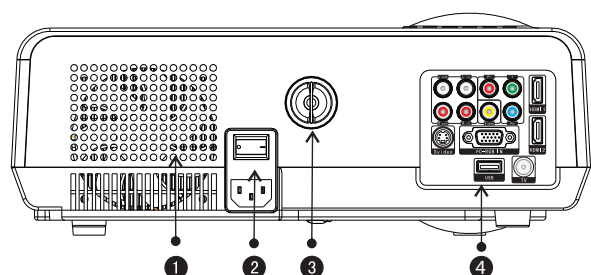


Rotate clockwise for a larger picture.



Rotate counter clockwise for a smaller picture.

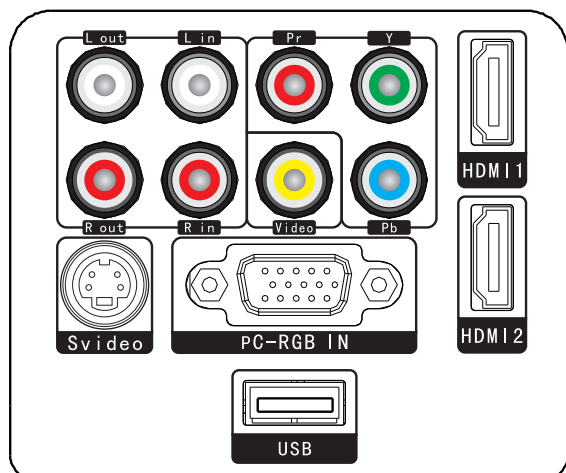
PROJECTOR OVERVIEW



BACK

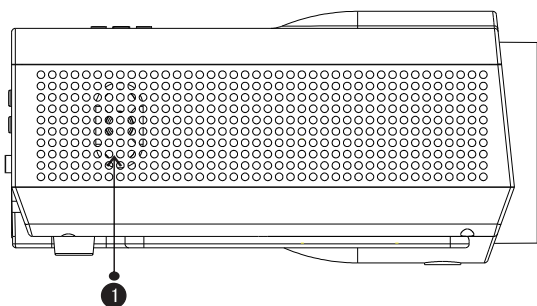
- 1 – Ventilation
- 2 – Power Switch
- 3 – Keystone Adjustment
(see pg. 8)
- 4 – Input Panels (see chart below)

Input Panel Layout



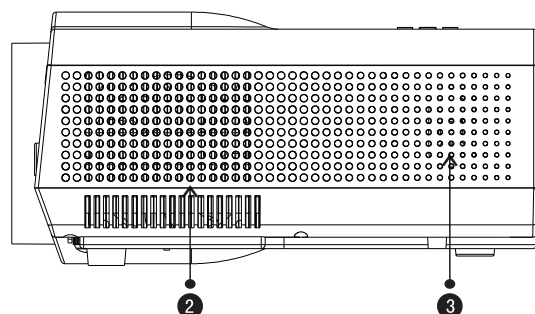
Name	Description
Y/Pb/Pr	Component Video Input
Video	AV Input
L out, R out	Audio Output
L in, R in	Audio Input
PC-RGB IN	VGA Input
S-Video	S-Video Input
HDMI 1, HDMI 2	HDMI Inputs
USB	USB Input

RIGHT



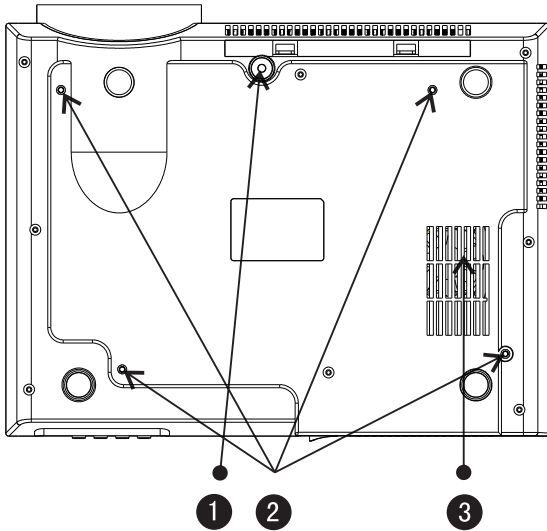
- 1 – Right Speaker

LEFT



- 2 – Ventilation
- 3 – Left Speaker

PROJECTOR OVERVIEW



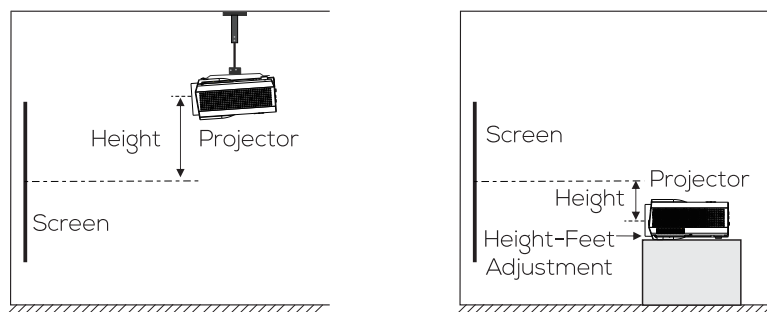
BOTTOM

- 1 – Height Adjustment Foot
- 2 – Ceiling Mount Attachment Point
- 3 – Ventilation Slot

Keystone Adjustment

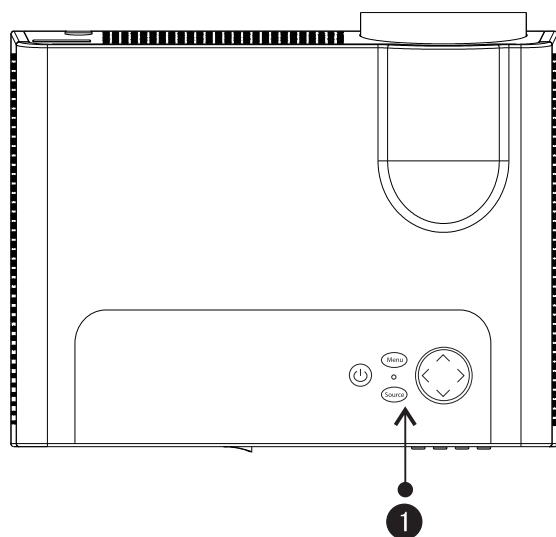
After setting up your projector and powering it on, the image may look trapezoid shaped.

1) If the projector is not properly positioned as shown in the diagram, reposition the projector.



2) If the projector is properly positioned. You can adjust the keystone control on the bottom of the projector (as shown above) to correct this. Rotate the control left or right to adjust the keystone control.

PROJECTOR OVERVIEW

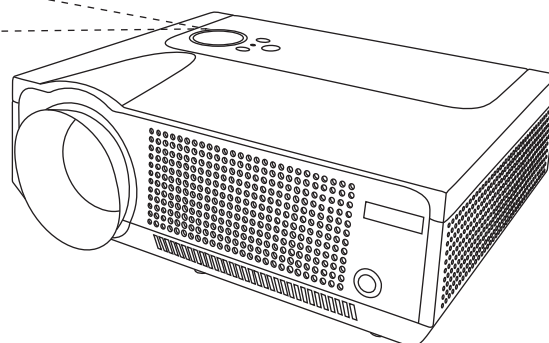
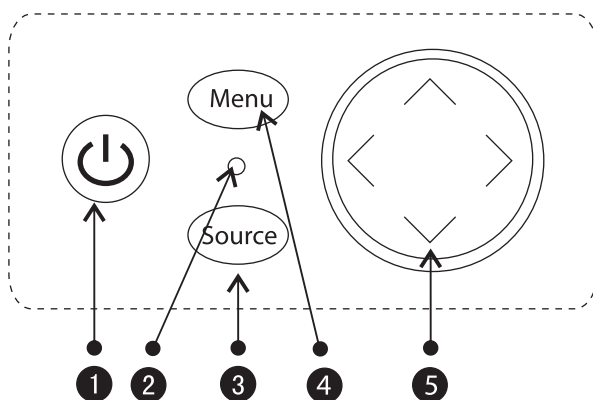


TOP

1 – Top Control Panel
(see below)

All of your projector's functions and menu settings can be accessed using the buttons on the top cover. Some of these buttons have more than one function.

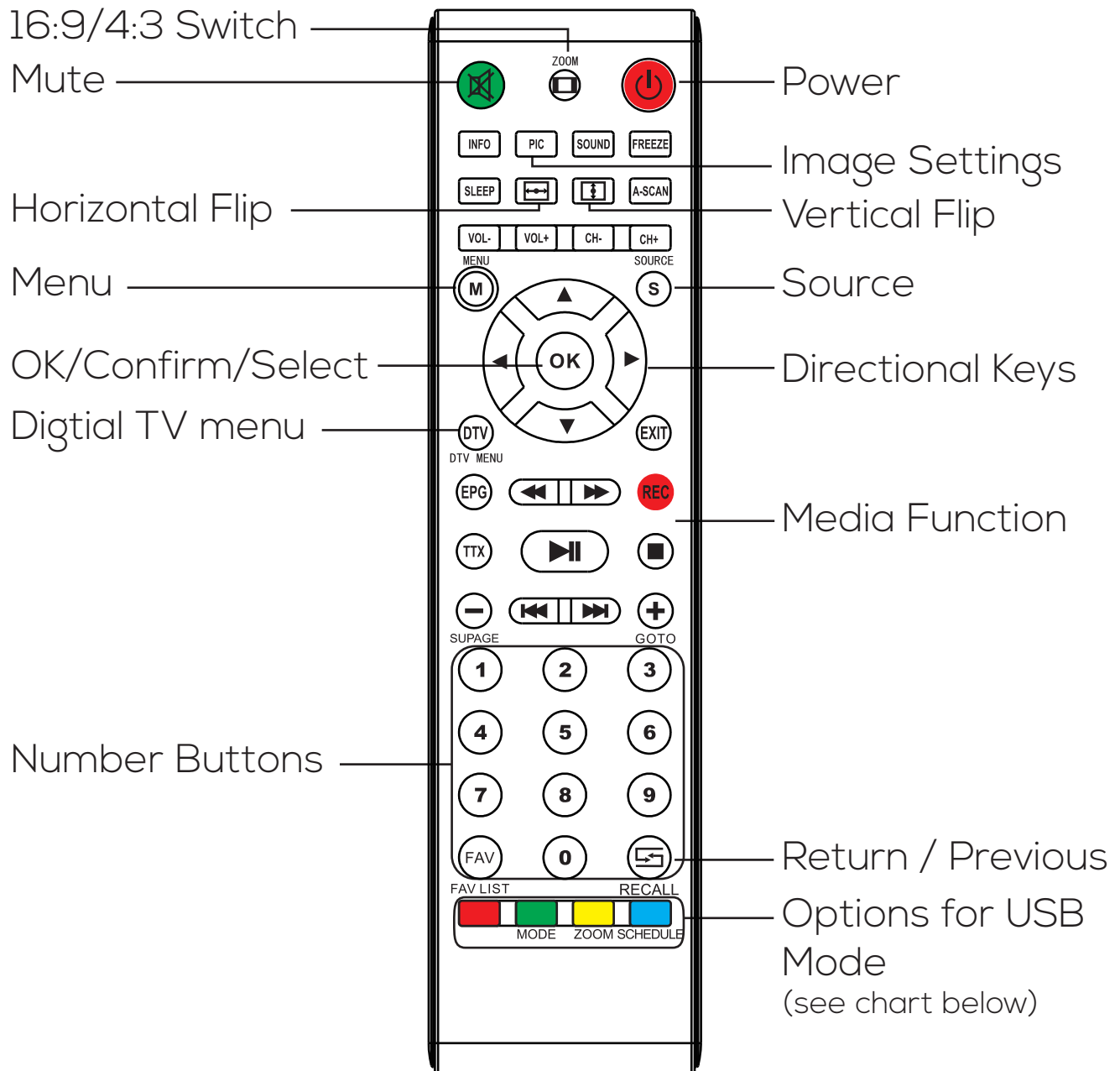
Top Control Panel Layout



1 – Power Button
2 – Indicator Light
Red: Standby
Green: Working

3 – Source Button
4 – Menu Button
5 – Directional Key

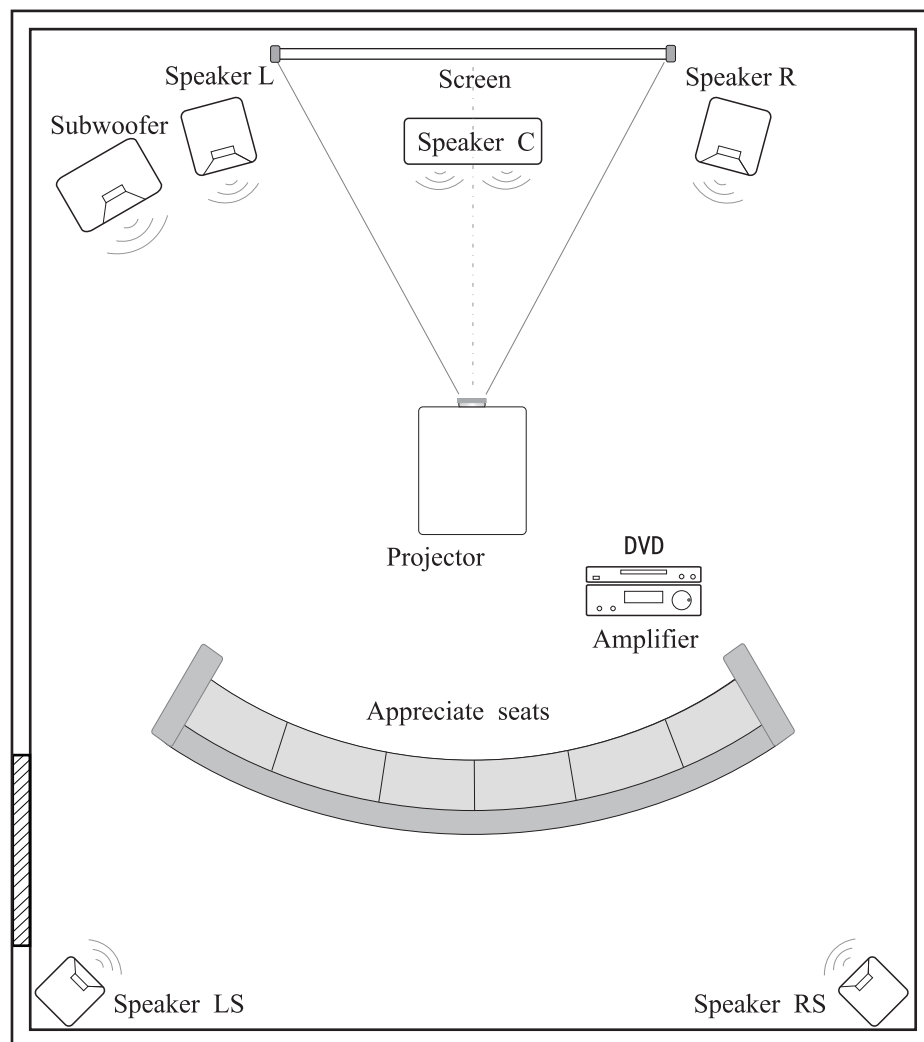
REMOTE OVERVIEW



	Multimedia Mode	Channel Search	Channel Edit
Red	【Sub Menu】→【Delete】	Save	Delete
Green			Rename
Yellow	【Confirm】Delete		Move
Blue			Skip

INSTALLATION

Your projector can be installed in a wide variety of configurations. It supports both front and rear screen projection. Below is a sample diagram featuring a basic front screen projection setup:



For best results regardless of your configuration, the projector should be used in a darkened room, and should be used with screen sizes ranging from 60 to 200 inches.

INSTALLATION

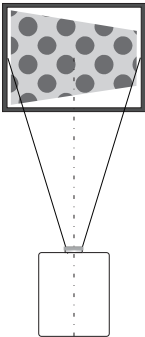
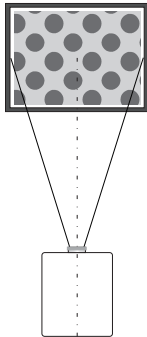
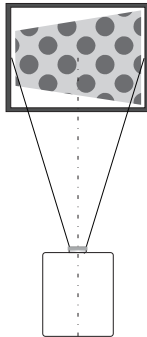
Image Size

Image sizes are measured diagonally and are approximate.

	16:9 Mode	4:3 Mode
Projected Image Size	Distance from Screen	Distance from Screen
63"	98"	87"
72"	108"	95"
86"	129"	114"
100"	148"	130"
120"	177"	154"

Image Adjustment

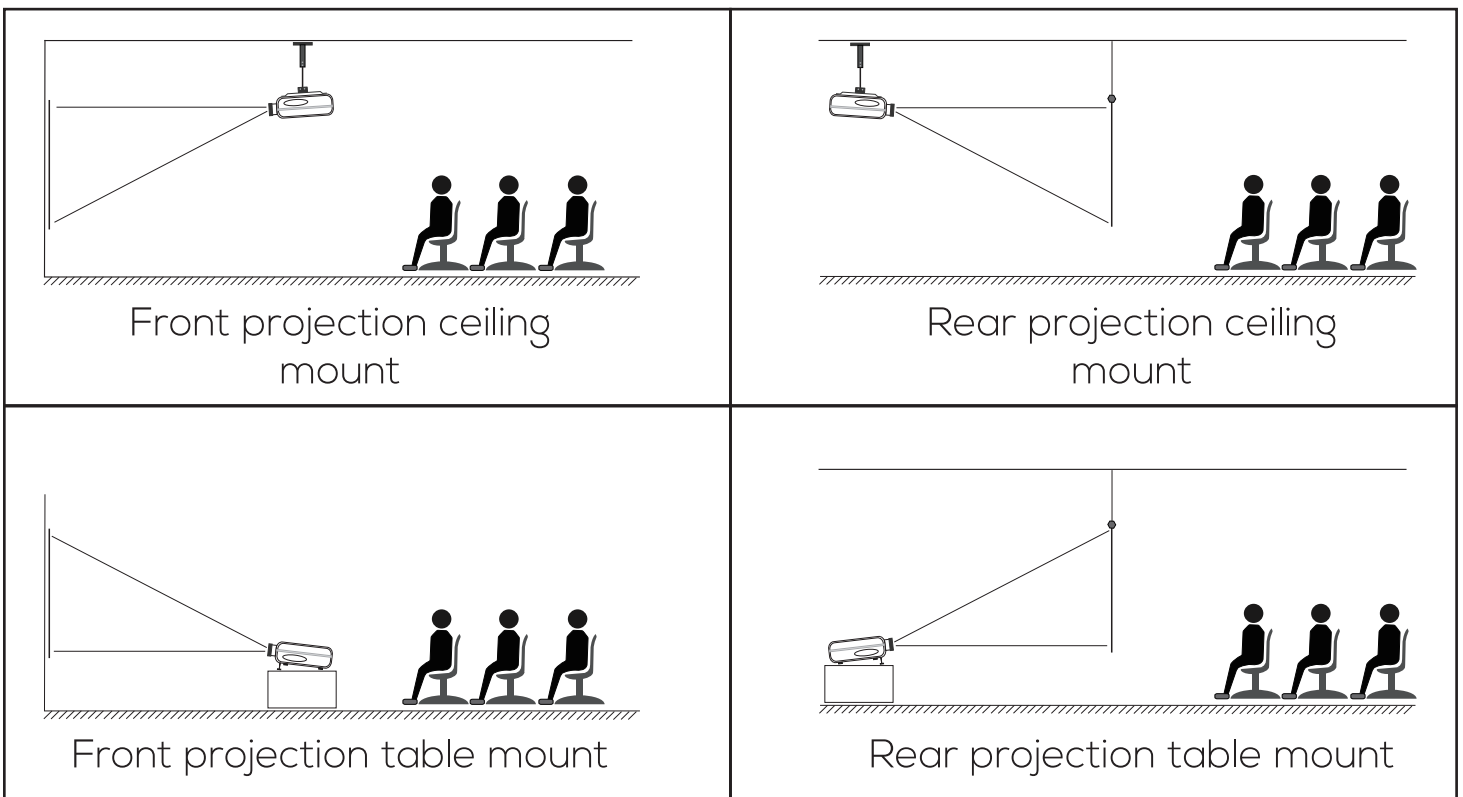
For best image results, the projector should be directly facing the screen. Adjustment to the focus and keystone controls will help to improve the picture. Please see the diagram below for examples of correct and incorrect setup.

		
The projector is angled too far to the left.	The projector is set up correctly.	The projector is angled too far to the right.

INSTALLATION

Installation Methods

There are several ways to install your projector, depending on your needs. This projector can be set on a table or mounted to the ceiling. It supports both front and rear screen projection. Below are some examples of how this projector can be set up.



Note: FAVI recommends that a professional installer be contacted to install a ceiling mount for your projector. If installing a ceiling mount yourself, please follow the instructions that came with your mount. This projector must be installed in an area where nothing can interfere with the ventilation slots.

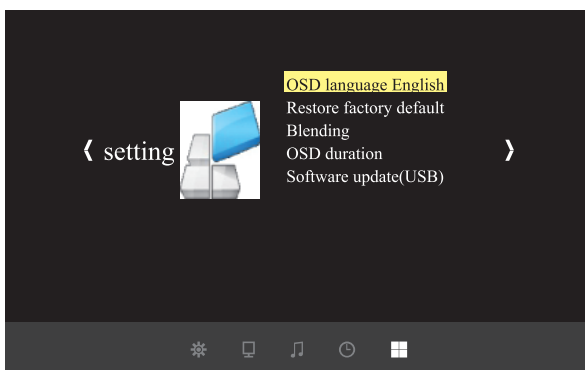
MENU SETTING

Main Menu Overview

1. To display Main Menu, press "Menu"
2. Use the "◀/▶" keys to navigate through the sub menus: Setting, Picture, Sound, and Time
3. Use the "▲/▼" keys to move up and down the list of items within the sub menus
4. Press "OK" or "◀/▶" to select and adjust the item
5. Press "Menu" to exit out of item adjustment
6. Press "EXIT" to exit Menu Options



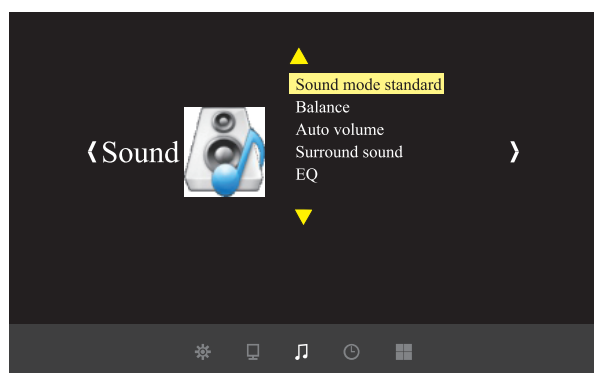
Setting Menu



Setting Menu	Adjust projector setting, such as language
Language	English
Restore Default	YES / NO
Blending	OFF / LOW / MID / HIGH
OsdDuration	OFF / 5S / 10S / 15S
Upgrade (USB)	Software Update

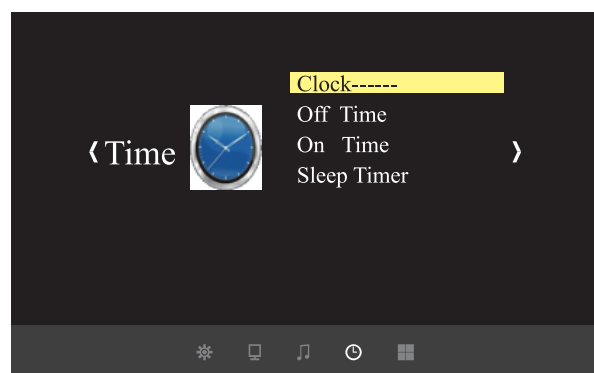
MENU SETTING

Sound Menu



Sound Menu	Adjust projector setting.
Mode	Music / Movie / Sport / User / Standard
Balance	(-50 ~ 50)
Auto-Volume	OFF / ON
Surround Sound	OFF / SURROUND
Balance	(120/500/1.5K/5K/10K) 50 Hz

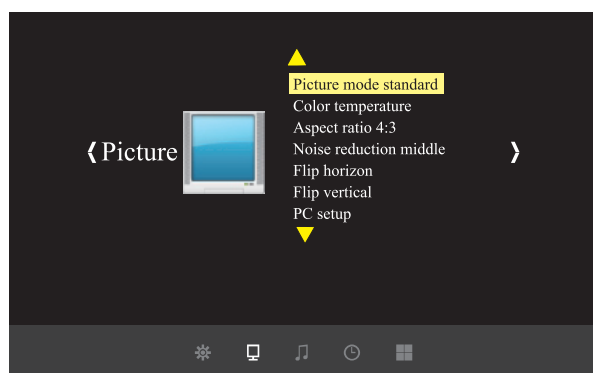
Time Menu



Time Menu	Adjust projector time setting.
Clock	Date / Month / Year / Hour / Minute
OFF Time	OFF / Once / Everyday / Monday~ / Sunday
ON Time	OFF / Once / Everyday / Monday~ / Sunday
Sleep Timer	OFF / 10mins / 20mins / 30mins / 1 hr / 1.5 hrs

MENU SETTING

Picture Menu



Picture Menu	Adjust projector setting.
Mode	Standard / Warm / User (Appendix 1) / Dynamic
Color Temp	Standard / Warm / Cool
Aspect	Auto / 4:3 / 16:9 (Appendix 2)
Noise Reduction	OFF / LOW / MID / HIGH
Flip Horizon	OFF / ON
Flip Vertical	OFF / ON

Appendix 1

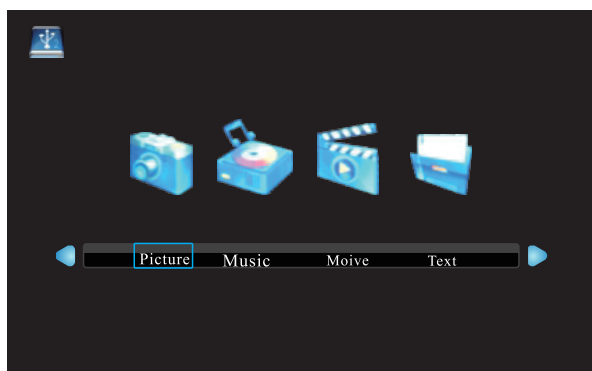
Picture		
Contrast	0 ~ 100	Image contrast adjustment
Brightness	0 ~ 100	Image brightness adjustment
Hue	0 ~ 100	Image hue adjustment
Sharpness	0 ~ 100	Image sharpness adjustment

Appendix 2

The setting of height-width is different under different modes.
Zoom is not valid in picture mode.

MENU SETTING

Multimedia Menu



Multimedia Menu	Search, view, and play media files.
Picture	View photo gallery
Music	Play music
Movie	Watch movies
Text	Read document

Supported Multimedia Format			
Task	Format	Video Decode	Audio Decode
MOVIE	.AVI	DivX, Xvid, MPEG-4	MP3, WMA, AAC
	.MPG	MPEG-1, MPEG-2	
	.DAT	MPEG-1	
	.RM / .RMVB	Real Media, video	
	.MOV / .MKV	H. 264	
MUSIC	.MP3	--	MP3
	.WMA	--	WMA
	.M4A / .AAC	--	AAC
PICTURE	.JPG / .JPEG	Progressive JPEG Baseline JPEG	--
	.BMP	BMP	--
	.PNG	Non-interlaced Interlaced	--

TROUBLESHOOTING

If you have any issues with using your RioHD-LED-4T, please refer to the following solution below. If issues persist, contact our technical support team at:

techsupport@favientertainment.com

Problem	Solution
Projector will not power on.	<ul style="list-style-type: none">• Check the power cord and power outlet.• Check the fuse and replace if necessary.
The remote control does not work.	<ul style="list-style-type: none">• Check the batteries.• Try aiming at the IR sensor on the front of the projector.
I have a video source connected, but the projector shows "NO SYNC".	<ul style="list-style-type: none">• Check to make sure the projector is set to the correct mode. If using HDMI, check to make sure the projector is set to display from the correct HDMI port.• Check your video source and video cables.
Small text is hard to read in VGA mode.	<ul style="list-style-type: none">• Set your desktop resolution to 1280 x 960 or lower if displaying in 4:3 mode. Set it to 1280 x 768 or lower if displaying in 16:9 mode.• Increase the size of the text being displayed.
Projector turns itself off	<ul style="list-style-type: none">• Check that nothing is blocking the ventilation.

TECHNICAL SPECIFICATION

LCD	5.8" TFT Matrix RGB
LCD Native Resolution	1280 x 768
LCD Contrast Ratio	2000:1
Supported Resolutions	1080p
Video Inputs	Component Video, S-Video, Component Video, VGA, 2x HDMI, USB
Audio Inputs	Stereo (3W x 2)
LED Lamp Power	140W
Projected Image Size	60 – 200 in
Operating Voltage	110-240V / 50-60Hz
Power Consumption	170W
Operating Temperature	4°F – 95°F
Storage Temperature	-14°F – 140°F
Size	13.7 x 10.6 x 5.7 in
Weight	6.5 lbs