

ULTIMEA

USER MANUAL

THOR T60 TRIPLE LASER TV

IN THE BEST WAY POSSIBLE



 Dolby Vision |  Dolby Atmos |  DTS HD | 4K | MEMC |  DLP

Please read carefully before using

Contents

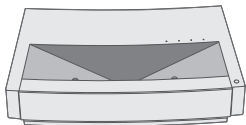
01	Projector User Manual	English
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1. Packaging Overview

The packing box of this machine contains the following items. Please check carefully whether the following items are complete. If there are any missing items, please contact your local distributor.



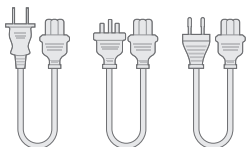
Main unit ×1



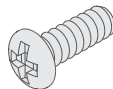
Product user manual ×1



Remote control ×1



Power cord ×3



Lifting screws ×4

①	Please note that the product accessories may be increased or decreased due to product upgrades; the appearance of the remote control shall be subject to the real object.
②	Due to differences in product application in each country (region), the product accessories may vary in some countries (regions).
③	The diagrams in this product manual are only examples, it may differ from the actual product, please refer to the actual product (this statement is throughout this product manual).

2. Product Introduction

2.1 Product Specification

Product Model	U1441	System	Andriod		
Display	Laser light source +DLP technology	Network connection	Wired network + wireless network		
Resolution	3840×2160	Method of remote	Bluetooth&IR		
Recommended Display Size	100"	Built-in speakers	15W×2		
Power Supply	100-240V~, 3A, 50/60Hz	Projector size (approx.)	650×365×150mm / 26×14×6in		
Port	LAN×1 COAXIAL×1 AUX×1 SPDIF×1 RS232×1 USB×2 HDMI×2	Net weight of main unit		12.5kg / 27.6lbs	
		Environment	Run	Temperature	0~35°C
			Run	Relative humidity	20%~80%
		Environment	Port	Temperature	- 20~50°C
				Relative humidity	20%~80%

2.2 Appearance

2.2.1 Main Unit Structure

Figs. 1 to 4 Structure

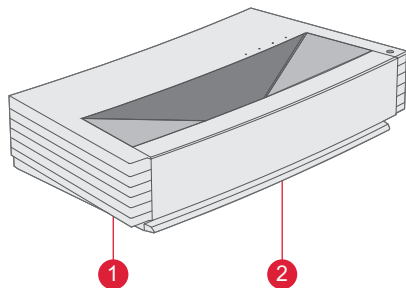


Fig. 1 45° Left Top

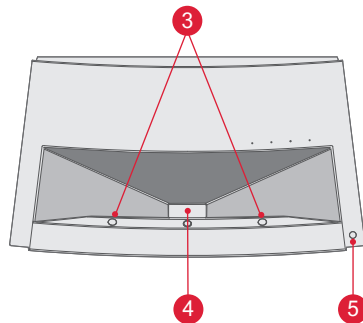


Fig. 2 Front Top

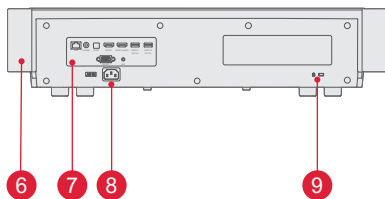


Fig. 3 Rear View

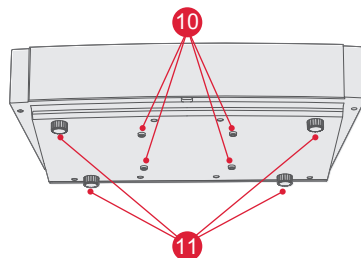


Fig. 4 30° Bottom View

No.	Name
①	Ventilation mesh
②	Voice emitting hole of built-in speaker
③	Infrared protective sensor
④	Light emitting hole
⑤	Power key and indicator
⑥	Ventilation mesh
⑦	Ports
⑧	Power input
⑨	Anti-theft lock hole
⑩	Lifting screw hole
⑪	Height adjusting Kickstand

2.2.2 Ports

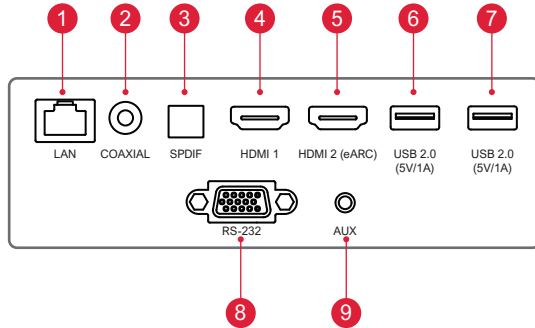


Fig. 5 Port

No.	Name	Function
1	LAN	For wired network connections
2	COAXIAL	The "coaxial output" mainly provides the transmission of digital audio signals and can be connected to an external sound system
3	SPDIF	Fiber interface for digital audio output
4	HDMI 1	For connection with external devices with HDMI ports
5	HDMI 2 (eARC)	For connection with external devices with HDMI ports (ARC)
6	USB	For connection with USB devices, such as flash disk, mobile hard disk drive, etc
7	USB	For connection with USB devices, such as flash disk, mobile hard disk drive, etc
8	RS-232	Control interface
9	AUX	Provide output of analog audio signal (L/R)

1	Do not plug in / pull out another USB mobile hard disk when there is an USB mobile hard disk is playing on the device. It damage the device or cause other malfunctions due to the huge starting current.
2	HDMI does not support DTS-CD audio decoding.

2.2.3 Remote Control

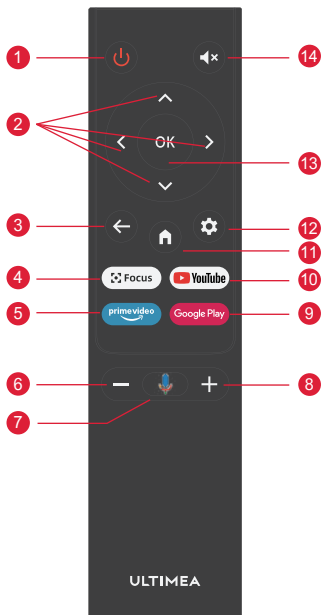


Fig 6 Remote Control

Keys and Functions

No.	Name	Function
①	Power key	Standby switch
②	Up / Down / Left / Right	On the menu page, they are directions. On non-menu pages, the functions are decided by the system.
③	Return key	Return to the previous menu
④	Focus key	Open the focus menu
⑤	Hot key	One key goes to APP
⑥	Volume - key	Volume down
⑦	Voice Control	Press to start voice interactive
⑧	Volume + key	Volume up
⑨	Hot key	One key goes to APP
⑩	Hot key	One key goes to APP
⑪	Home key	Call up the main scene
⑫	Setting Key	Open setting menu
⑬	OK key	Enter the page of selection
⑭	Mute Key	Press to open/close mute

Matching of remote control

The remote controller for this projector bounded with IR and Bluetooth function together. To use remote controller in Bluetooth model, please follow the following guide to pair remote controller with projector at the first using.

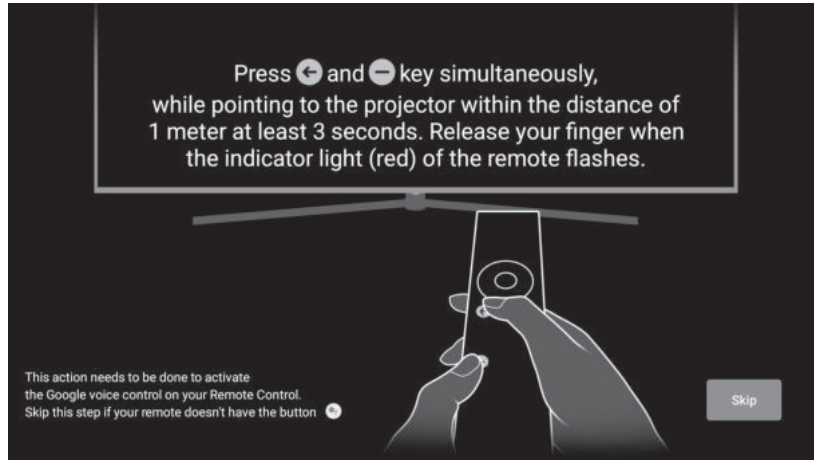


Fig 7 Remote control pairing

3. Installation and Commissioning

3.1 Installation

According to different application scenarios, the machine supports four installation methods: desktop front projection, desktop back projection, lifting front projection and lifting back projection.

3.1.1 Installation Method

The display mode (front desktop, rear lifting, front lifting and rear desktop) needs to be changed and set from the OSD menu due to different applications.

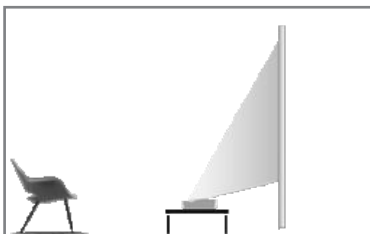


Fig. 8 Desktop Front Projection

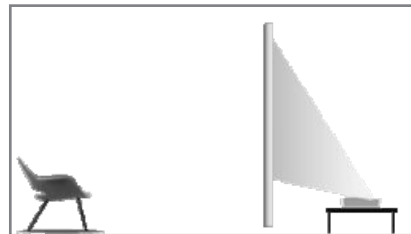


Fig. 9 Desktop Rear Projection

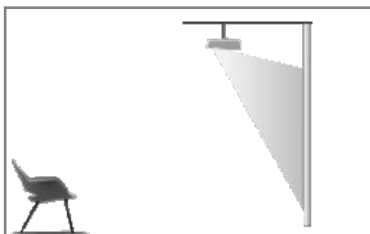


Fig. 10 Lifting Front




Fig. 11 Lifting Rear

3.1.2 Screen Size and Installation Distance

The distance between projector and screen is proportionate to display size, the closer the projector and the screen, the smaller the display size. Conversely, the bigger the display size. Please read the screen user manual carefully before installing. Laser Theater is precise optical device, it is recommended to be installed by authorized professional technicians. Please follow the below steps to install.

- Confirm display size and projector position: confirm display size and projector position according to screen size and installation environment;
- Image position: put projector onto TV bench, and adjust focusing to make image clear , move projector to confirm image size (same as screen display area) and position;
- Projector position: mark projector position, easy to recover if projector moving is required;
- Screen position: keep the image stable, mark screen position with the help of screen user manual, move away the projector;
- Screen installation: install screen according to screen user manual;
- Projector position: put the projector back to the place which we marked;
- Adjust image: start projector, adjust focusing, move projector position, make sure the image covers all screen surface.

Screen Size and Display Distance			Unit: mm / inch	
Screen Size	Display Width	Display Height	Distance between Projector and Screen ①	Image Height ②
80"	1771 / 69.7	996 / 39.2	90 / 3.5	321 / 12.6
90"	1992 / 78.4	1121 / 44.1	136 / 5.4	348 / 13.7
100"	2214 / 87.2	1245 / 49.0	183 / 7.2	374 / 14.7
110"	2435 / 95.9	1370 / 53.9	229 / 9.0	401 / 15.8
120"	2657 / 104.6	1494 / 58.8	276 / 10.9	428 / 16.9
	<ol style="list-style-type: none"> Viewing distance is recommended to be 1.5 times than screen diagonal length, it will influence eye vision if watching screen in near distance for long time. It is recommended to use screen which has the same display ratio as the projector. The above data is for reference only. There may be deviations, please note. 			

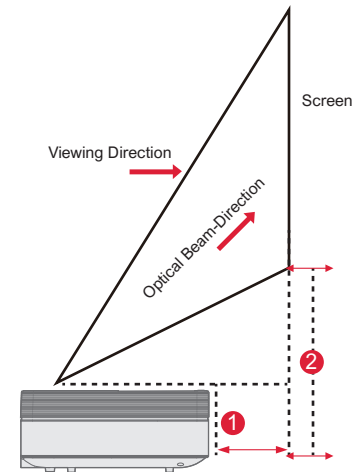


Fig. 12 Installation Distance

3.2 Picture Adjustment

3.2.1 Adjust Image Position

This section takes the installation method of desktop front projection as an example to explain the picture adjustment for user reference.

- a. Connect the power supply and start the main unit;
- b. According to the picture display, adjust the size and position of the picture by moving the main unit forward, backward, left and right or rotating the height adjustment kickstand.

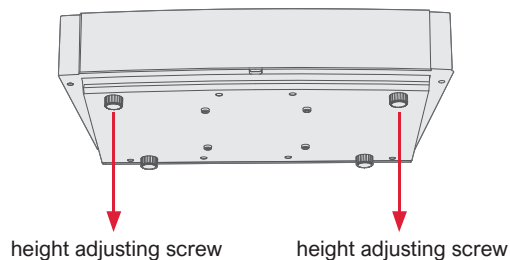







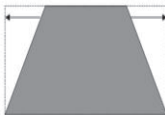
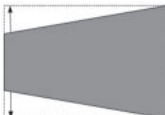



Fig. 13 Height Adjusting Screw



Following sheet shows the projection image relative

Description	Appearance	Adjustment
Image smaller than screen		Pull out the projector
Image bigger than screen		Push in the projector
Image at the left of screen		Move projector to right
Image at the right of screen		Move projector to left
Image up from the screen		Move projector down or move screen up

Description	Appearance	Adjustment
Image down from the screen		Move projector up or move screen down
down trapezoid		Drive the screw counterclockwise the height adjusting screw
Up trapezoid		Drive the screw clockwise the height adjusting screw
Left trapezoid		Move projector counterclockwise
Right Trapezoid		Move projector clockwise

3.2.2 Focus Adjustment

- Press the "focus" key or follow the steps below, press the remote control "Setting" key -> select "Projector settings" -> select "Focus Adjustment";
- Adjust the focus according to the screen prompts until the screen becomes clear from blurry.



Fig. 14 Focus Adjustment

3.2.3 Image Adjustment

- Press the remote control "Setting" key -> select "Projector settings" -> select "Picture Calibration";
- After entering the image Adjustment menu, follow the screen prompts to correct the image through the arrow keys on the remote control.
- Press "Reset" to get back to the original layout.

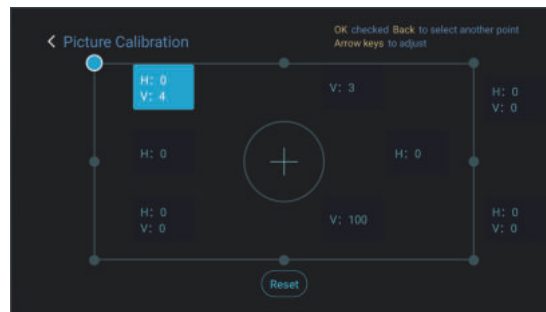


Fig. 15 Image Adjustment

3.2.4 Dolby Vision Adjustment

- Make sure the source supports Dolby Vision before using the function;
- Press the remote control "Setting" key -> select "Projector settings" -> select "Dolby Vision";
- Select the screen size to match your screen. If there is no exact match, select the closest size;
- Enter the "Gain" page and select a number. The numbers are Dolby Vision enhancement levels. It is recommended to try different levels to match the current source.

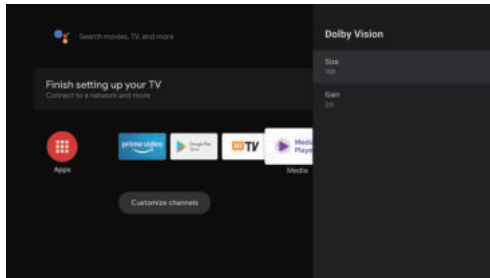


Fig. 16 Dolby Vision Adjustment

3.2.5 Eye Protection Mode

- Press the remote control "Setting" key -> select "Projector settings" -> select "Eye Protection Mode";
- Press the "OK" to turn on Eye Protection Mode.

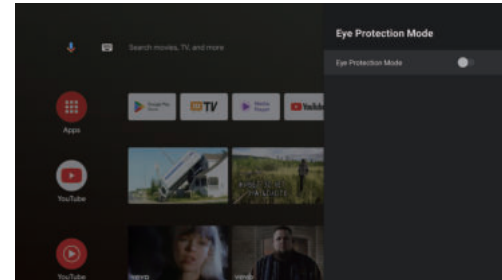


Fig. 17 Eye Protection Mode

3.2.6 Lighting Settings

- Press the remote control "Setting" key -> select "Projector settings" -> select "Lighting Settings";
- There are three modes for selection: "High Light", "Standard", "Energy Saving".

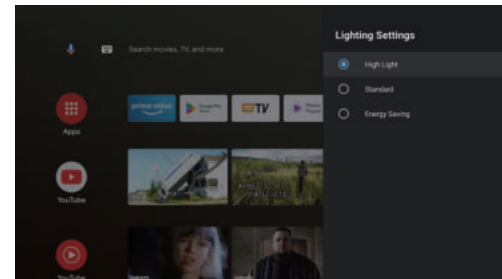


Fig. 18 Lightning Settings

4. Operating Instructions

	Prompt Information
①	Some options in the user's operation interface are not selectable, displayed or hidden automatically in different models, signal sources or states.
②	The user operation interface can be updated through software upgrade. If there is any difference between the user manual and the final product, the actual display shall prevail.

4.1 Boot Guidance

Press the "Settings" key to enter the "Device Preferences" interface; Select "About" ->"Factory reset", then you can reset the system.

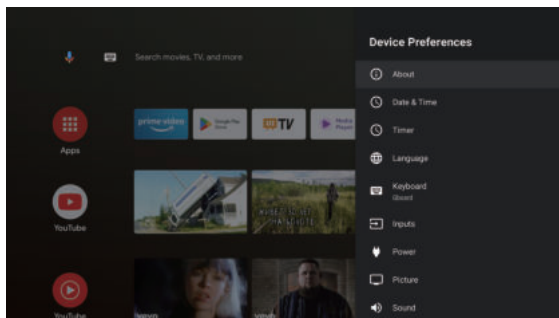


Fig. 19 Boot guidance graphic expression 1

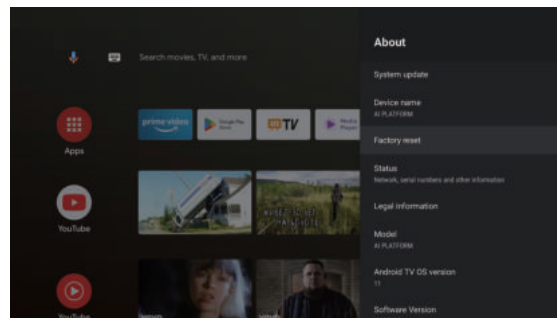


Fig. 20 Boot guidance graphic expression 2

4.2 System Home Page

- a. Press the "Home" key to enter the "Home Page" interface;
- b. The home page displays a list of commonly used apps.
Select the corresponding App icon and hold down the OK key to call out sub-menus such as "Open" and "Sort";
- c. Select Apps to open the list of common Apps;
- d. Use the shortcut icon in the upper left corner of the home page to access the Voice Menu and Search menus;
- e. Use the shortcut icon in the upper right corner of the homepage to access the menus of Notifications, Inputs, Network&Internet, and Settings.

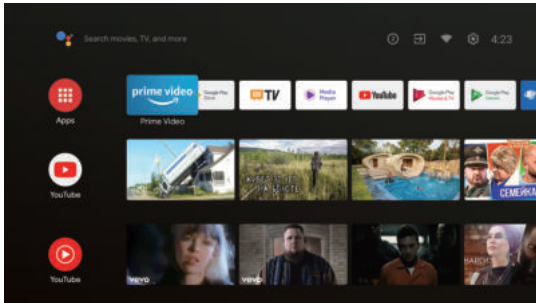


Fig. 21 System Home Page

No.	Graphic expression	Title
1		Voice menu
2		Search menu
3		Notifications
4		Inputs
5		Network & Internet
6		Settings

4.3 Help

On the home page, select the Help application icon to open the application. Help is used to briefly introduce the usage methods and procedures of the main functions of the local system. The options include Interface, Homepage, Application, Settings, Google Assistant, Multi-Screen, Disclaimer, and Troubleshooting.

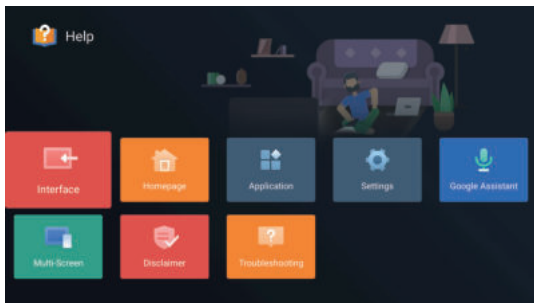


Fig. 22 Help

No.	Item	Instruction
①	Interface	Describes the connection mode and usage of each interface on the TV body
②	Homepage	The use and introduction of TV home page function
③	Application	This section describes how to search for, download, install, uninstall, and upgrade apps in the Google Play Store and Amazon Prime Video
④	Settings	This paper introduces how to set the access mode of TV network, Channels management, steps to log in to TV with Google account, application management, device preference setting, Bluetooth pairing and operation method of checking system update.
⑤	Google Assistant	This section describes how to use Google Assistant
⑥	Multi-Screen	List the possible failures of TV hardware function modules and their solutions
⑦	Disclaimer	Display disclaimer
⑧	Troubleshooting	List the possible failures of TV hardware function modules and their solutions

4.4 TV Manager

You can enter it by clicking the “TV Manager” app icon on the home page or in the list of apps. “TV Manager” includes Usage detection, Optimize, Clean, Memory Boost, Uninstall Apps, Install Apps, and Intelligent Diagnosis.

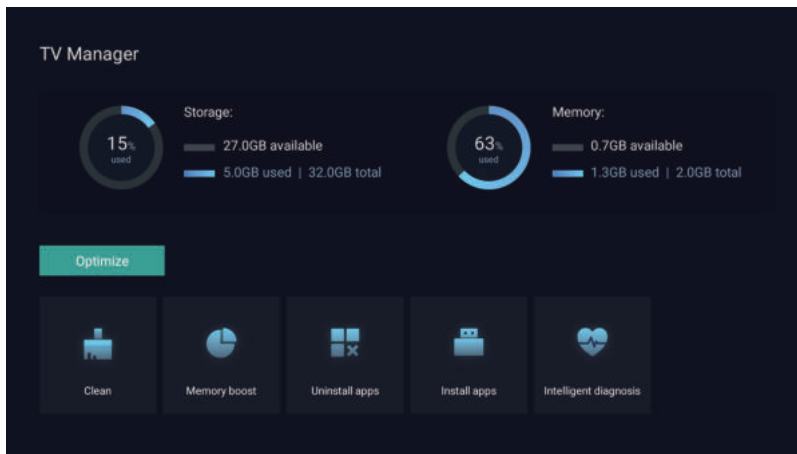


Fig. 23 TV Manager

4.5 Media Player

- Select the Media Player application icon from the App list on the home page;
- The media center supports audio and video file playback control, picture presentation and application installation;
- The media center divides multimedia content into four types: video, picture, music and all types. Browse related content by selecting corresponding categories;
- The media center supports file browsing and access from external storage devices.

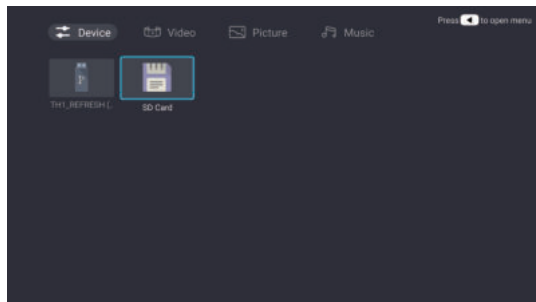




Fig. 24 Media Player

4.6 Settings

Setting menu opening mode:

- Click the icon  in the upper right corner of the home page;
- Press the remote control Settings button to enter. At this point, the items displayed in the Settings menu may be different in different application scenarios;
- In Live TV, press the remote control button  and click "Settings" to enter the Settings menu;
- On the home page, the Settings icon is displayed. Tap to access the Settings menu.

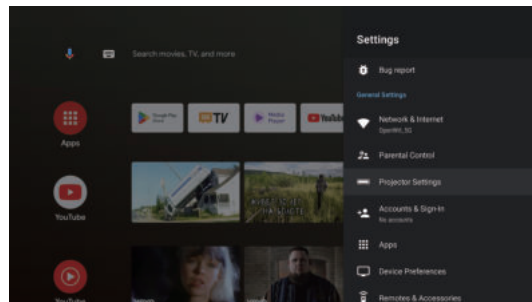


Fig. 25 Settings

Settings menu list

No.	Item	Instruction
①	Network & Internet	Network Connection menu
②	Parental Control	The password for Parental Control is a four-digit password set in the boot wizard
③	Projector Setting	Laser TV commonly used setting menu
④	Accounts & Sign-in	After the network connection is successful, log in as prompted
⑤	Apps	App view and permission management menu
⑥	Device Preferences	Device preferences menu
⑦	Remotes & Accessories	Bluetooth Device Management menu

Projector Settings menu list

No.	Item	Instruction
①	Dolby Vision	Display different screen sizes according to the distance
②	Picture Calibration	Image correction menu
③	Focus Adjustment	Focusing menu
④	Display Mode	Display mode selection menu
⑤	Eye Protection Mode	Eye protection mode switch
⑥	Lighting Settings	Light Settings menu

5. Safety Precautions

This machine contains a laser module. For your safety, please follow the tips below.

	Precautions
1	Do not look directly at the bright light from machine, otherwise it may cause eye injury.
2	Do not open or disassemble the machine, which may cause damage due to exposure to laser radiation.
3	Do not use any optical instruments (such as magnifying glass and microscope for experiments) to observe the laser output, otherwise eye injury may be caused.
4	Wear professional laser protection glasses when there is a need to have direct contact with the bright light.
5	Prompt Information: The product is evaluated to be Class 1 according to IEC/EN60825-1: 2014.
6	For your safety, please select the right viewing direction.

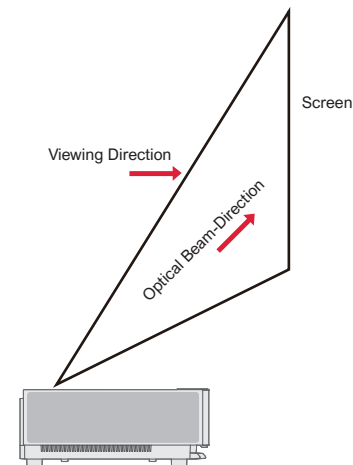



Fig. 26 Viewing Direction




Precautions	
①	As with any bright light source, do not stare into the beam, RG2 IEC 62471-5:2015.
②	Do not install the machine on unstable tables and shelves. The product might fall in that case.
③	Please insert the power plug completely into the power socket and ensure that the power plug is placed in an accessible position.
④	Do not pull the power cable itself. When pulling out the power cord, please hold the plug instead of the cable.
⑤	When the machine is moved from a low temperature environment to a high temperature environment, condensation may occur inside the machine. Please do not turn it on immediately.
⑥	In case of any abnormality or malfunction, such as no image, no sound, smoking or unusual odor, please disconnect the power supply immediately, unplug and contact our after-sales service personnel to open the machine for inspection.
⑦	Do not block the air vent and install the machine in a well-ventilated place to prevent the machine from overheating.
⑧	Do not use flammable materials such as books or cardboard to block the light beam emitted by the machine. Flammable materials may melt or ignite objects or even cause fire when exposed to the light beam for a long time.
⑨	Do not place the machine directly in areas with poor ventilation such as carpets, cushions, bookshelves or closets.
⑩	To facilitate ventilation, please ensure that the distance between the ventilation opening of the machine and the wall is greater than 30cm.
⑪	Do not place flammable spray or other flammable substances beside this machine.
⑫	If there is a gas leak, please do not touch or switch the socket. Open the window immediately for ventilation.

13	Do not place any objects on top of the machine.
14	When installing the machine by hoisting, professional technicians shall use corresponding professional tools for installation. Improper installation may cause the machine to fall, thus causing personal injury or damage to the machine.
15	Do not install the unit in a damp environment.
16	Do not place any liquid in the accessories of the machine.
17	Please contact your dealer or Ultimea After-sales Service Center for inspection, adjustment or maintenance. Non-professional operation may cause electric shock or damage to the machine.
18	Risk of explosion if the battery is replaced by an incorrect type.
19	If the machine is not used for a long time, please remove the power supply and cover the machine with dust bag.







Clean	
1	When cleaning, do not spray the machine directly with any liquid to prevent moisture from entering the machine.
2	Remove the power plug before cleaning the unit.
3	Please wipe the surface of the machine gently with a soft cloth.
4	Do not use alcohol, wax, or thinner when cleaning plastic parts. The surface may change or discolor.
5	Do not touch or wipe the lens with hands or ordinary cleaning cloth. To remove dust from the lens, please use a blowing dust ball.
6	Please clean the dust on the vent window net regularly to avoid the high temperature of the machine caused by dust accumulation.

	Battery
①	Do not mix old and new batteries or different brands of batteries.
②	Please install the battery correctly according to the polarity mark when using.
③	When the remote control is not used for a long time or the battery is run out, please remove the battery to prevent leakage.
④	Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
⑤	Leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
⑥	A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
⑦	Do not charge non-rechargeable batteries.
⑧	Please place the spent battery in the designated disposal area.

6. Recycling

	It indicates that packaging materials can be recycled, please do not discard them at will.
	It indicates that the environmental protection service life of the product is 10 years under normal working and using conditions, and the product can be used safely within the environmental protection service life.
	In order to protect the environment, used batteries and products can be recycled by regular dealers or manufacturers. Please do not discard them at will.

7. Trademark

	<p>HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.</p>
	<p>Dolby, Dolby Vision, Dolby Atmos, and the double-D symbol are registered trademarks of Dolby Laboratories Licensing Corporation. Manufactured under license from Dolby Laboratories. Confidential unpublished works. Copyright © 2012-2022 Dolby Laboratories. All rights reserved.</p>
	
	<p>For DTS patents, see http://patents.dts.com. Manufactured under license from DTS Licensing Limited. DTS, DTS-HD, and the DTS-HD logo are registered trademarks or trademarks of DTS, Inc. In the United States and other countries. © 2021 DTS, Inc. All rights reserved.</p>
	<p>The DLP logo are registered trademarks of Texas Instruments.</p>
	<p>The device complies with the EMC Directive 2014/30/EU, Low Voltage Directive 2014/35/EU, and Audio Equipment Directive 2014/53/EU.</p>

8. Statement

Without the permission of the Company, none of the contents of this product manual is allowed to be reproduced, transmitted, transcribed or stored in a retrievable system in any form, or translated into other languages. The contents of this user manual are subject to change without prior notice.

FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

ISED WARNINGS

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même s'il est susceptible d'en compromettre le fonctionnement.

Le présent appareil est conforme. Après examen de ce matériel aux normes de conformité ou aux limites d'intensité de champ RF, les utilisateurs peuvent, sur l'exposition aux radiofréquences et la conformité, acquérir les informations correspondantes. La distance minimale du corps à utiliser le dispositif est de 20 cm.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator&your body.

WARNING

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and use in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Declaration of Conformity

We (Manufacturer is responsible for this declaration) Dynanic (Shenzhen) Technology Limited

20th Floor, Building 4, Tianan Cloud Park, Bantian St., Longgang District, Shenzhen,China

Declare under our sole responsibility that the product

Trade name: ULTIMEA

Equipment: Projector

Model No.: U1441

To which this declaration relates is in conformity with the essential requirement set out in the Council

Directive on the Approxmation of the laws of the Member

States relating to LVD Directive (2014/53/EU)&Rohs (2011/65/EU) product is responsible to affix CE marking,the following standards were applied:

EN IEC 62311:2020
ETSI EN 301 489-1 V2.2.3(2019-11)
ETSI EN 301 489-17 V3.2.4(2020-09)
EN 55032:2015
EN 55035:2017
EN 61000-3-2:2019
EN 61000-3-3:2013+A1:2019
IEC 62321-3-1:2013
IEC 62321-5:2013
IEC 62321-4:2013+AMD1:2017
IEC 62321-6:2015
IEC 62321-7-2:2017
IEC 62321-6:2015
IEC 62321-8:2017

Signature: 

Date: 2023.09.01

ULTIMEA

Thor T60 Triple Laser TV
Model No.: U1441



Dynanic GmbH
Buchenring 57, 22359 Hamburg, Germany



UK Crossborder limited
7 Bell Yard London WC2A 2JR, UK United Kingdom

Made in China

Manufacturer: Dynanic (Shenzhen) Technology Limited
Address: 20th Floor, Building 4, Tianan Cloud Park, Bantian St.,
Longgang District, Shenzhen, China 518000



If you need our support, kindly reach out to our service team. We are always glad to help.

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