

Dreamy GeekII



User Manual

Changes

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Regional Specific Information

CE mark and Directive 2011/65/EU - ROHS 2 (Europe only)

In accordance with Article 7 and the adoption into national law by 2nd January 2013, this product has been designed and manufactured in accordance with Article 4. The technical documentation and the written declaration of conformity that assesses the product conformity can be provided to the competent National Authority upon an email request to: rohs2@dreamvision.net

Information for Users on Disposal of Old Equipment



This symbol indicates that the electrical and electronic equipment should not be disposed as general household waste at its end of life. Instead, the product should be handed over to the applicable collection point for the recycling of electrical and electronic equipment for proper treatment, recovery and recycling in accordance with your national legislation.

By disposing of this product correctly, you will help to conserve natural resources and will help prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of this product.

For more information about collection point and recycling of this product, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Other Countries outside the European Union:

If you wish to dispose of this product, please do so in accordance with applicable national legislation or other rules in your country for the treatment of old electrical and electronic equipment.

FCC Information (USA only)

Changes or modification not approved by Dreamvision could void the user's authority to operate the equipment. Note: This equipment has been tested and found to comply with the limits for Class B digital devices, 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 used 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.

1.0 IMPORTANT SAFEGUARDS

Electrical energy can perform many useful functions. This unit has been engineered and manufactured to assure your personal safety. **IMPROPER USE CAN RESULT IN POTENTIAL ELECTRICAL SHOCK OR FIRE HAZARD.** In order not to defeat the safeguards incorporated into this product, observe the following basic rules for its installation, use and service.



The power input is auto-ranging from 100 to 240 VAC.

- Place this product near a wall outlet where the plug can be easily unplugged.
- Do not use this product near water and to prevent fire or shock hazards, do not expose this appliance to rain or moisture.
- Do not use immediately after moving from a low temperature to high temperature, as this causes condensation, which may result in fire, electric shock, or other hazards.
- Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious injury to a child or adult, and serious damage to the product. The product should be mounted according to the manufacturer's instructions
- This product should be operated only with the type of power source indicated on the label. If you are not sure of the type of power supply to your home, consult your product dealer or local power company.
- For added protection of this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the cable system. This will prevent damage to the product due to lightning and power line surges.
- Do not overload wall outlets, extension cords, or convenience receptacles on other equipment as this can result in a risk of fire or electric shock.
- Slots and openings are provided for ventilation to ensure reliable operation and to protect this unit from overheating. These openings must not be blocked or covered.
- Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.



Slots and openings are provided for ventilation must not be blocked or covered. Do not place this unit on a bed, sofa, rug or other similar surface.

- Do not attempt to service this product yourself as opening or removing covers may expose you to dangerous voltages and other hazards. Refer all service to qualified service personnel.
- Unplug this product from the wall outlet and refer service to qualified service personnel under the following conditions:
 - a) When the power supply cord or plug is damaged.
 - b) If liquid has been spilled, or objects have fallen on the product.
 - c) If the product has been exposed to rain or water.
 - d) If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the Operation Manual, as an improper adjustment of controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
 - e) If the product has been dropped or damaged in any way.
 - f) When the product exhibits a distinct change in performance - this indicates a need for service.
- The product should be placed more than one foot away from heat sources such as radiators, heat registers, stoves, and other products (including amplifiers) that produce heat.
- When connecting other products such as VCR's, and personal computers, you should turn off the power of this product for protection against electric shock.
- Do not place combustible behind the cooling fan. For example, cloth, paper, matches, aerosol cans or gas lighters that present special hazards when over heated.
- Do not face the projector lens to the sun. It can lead to fire.
- Do not ceiling-mount the projector to a place which tends to vibrate; otherwise, the attaching fixture of the projector could be broken by the vibration, possibly causing it to fall or overturn, which could lead to personal injury.
- Use only the accessory cord designed for this product to prevent shock.
- The power supply voltage rating of this product is AC120 V, AC100 V – AC240 V, the power cord attached conforms to the following power supply voltage. Use only the power cord designated by our dealer to ensure Safety and EMC.
- Ensure that the power cable used for the projector is the correct type for the AC outlet in your country. Consult your product dealer.
- Never push objects of any kind into this product cabinet as they may touch dangerous voltage points or short-out parts that could result in a fire or an electric shock.

Important Notice



Do not look into the projection lens while the illumination lamp is turned on. Exposure of your eyes to the strong light can result in impaired eyesight.

2.0 INSTALLATION GUIDELINES

2.1 Introduction

This product is powered by a single HD-Ready DLP® chip with a native resolution of 1280 x 800 pixels. It supports both Standard and HD video formats. Thanks to the use of a 1200 lumens color LED system, the Dreamy Geek 2 can sustain a continuous projection of 20,000 hours (30,000 hours in eco mode).

- 2x HDMI 1.4 with HDCP (supports HD resolutions including 1080p24/60 and Blu-Ray 3D)
- 1x Audio/Video (Headphone jack 3.5mm input using the “jack 3.5mm to 3x RCA” cable)

The Dreamy Geek 2 can also read and play media files such as AVI, MP4 or MKV stored on USB keys, MicroSD (TF) cards or on a multimedia folder shared on the LAN or WLAN.



Thanks to the 2x 2W stereo loudspeakers, the Dreamy Geek 2 is a simple stand-alone solution capable of video playback with audio.

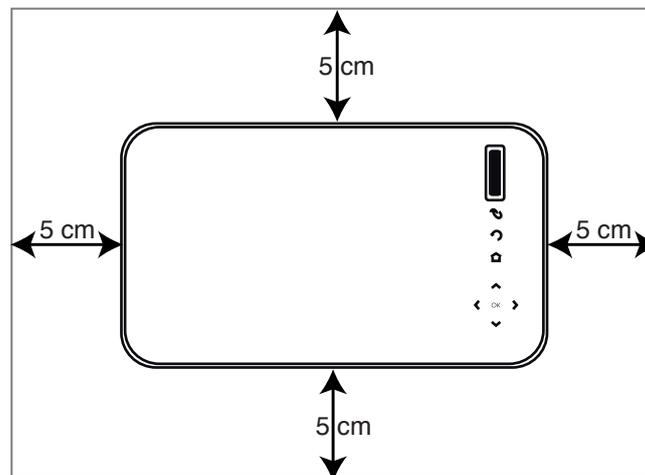
2.2 Packaging

The box contains the following items:

- 1x Dreamy Geek 2 HD-Ready 3D DLP LED projector
- 1x Power supply 19V/3.42A with power cord
- 1x Remote Control Unit (RCU)
- 1x Jack 3.5mm (4 connectors) to 3x RCA cable

2.3 Environment of Use

This unit must be installed with at least 5 cm clearance space from walls and requires a free flow of fresh air. Prevent locations where temperatures may become excessively high, contains humidity, dust, or cigarette smoke that will cause the unit to malfunction and shorten the electronic component life spans.



Space requirements.



Do not install in places higher than 3000m/10000 feet or in a place exposed to direct sunlight as it may overheat and cause this unit to stop functioning.

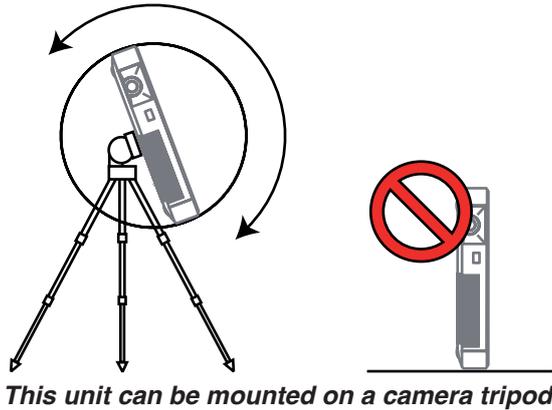
Precautions of Usage

This unit makes use of a light source that may reach high temperature during normal operation. Do not allow projection under the following conditions:

- Projection with the unit laid on sides.
- Projection at a location that blocks the air inlets or exhaust vents.

2.4 Attaching the Unit

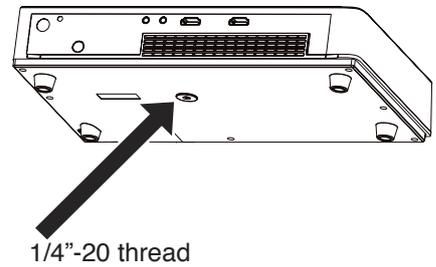
The Dreamy Geek 2 comes with a standard centered 1/4"-20 camera fixation thread that may be used to suspend or attach this unit. Make sure during installation to allow sufficient space around the air inlets to avoid blocking them.



This unit can be mounted on a camera tripod.

Precautions for Ceiling-mount

- Do not mount at places that may be subjected to vibration and shock.
- Depth of the screw hole is 5 mm, longer screw will damage the mounting thread.
- Install at a safe place in case this unit or a part of it may drop.
- Regardless whether the unit is still under guarantee, Dreamvision is not liable for any product damage caused by improper installation.



2.5 Projection Distance

Fixed Zoom projection Distance Chart

The Dreamy Geek 2 has a fixed zoom lens with a throw ratio of 1.20:1

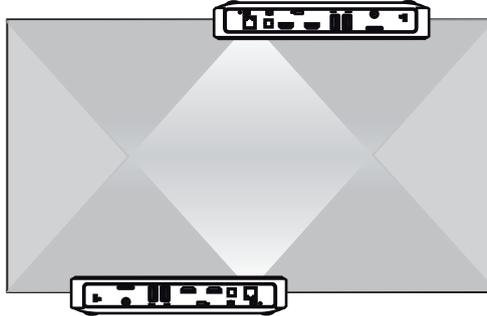
Projection Screen Diagonal Size (Aspect Ratio 16:10)	Projection Screen Base Size (Aspect Ratio 16:10)	Projection Screen Height (Aspect Ratio 16:10)	Dreamy Geek 2 Projection Distance
20" (51 cm)	17.0" (43 cm)	10.6" (27 cm)	52 cm
30" (76 cm)	25.4" (65 cm)	15.9" (40 cm)	78 cm
50" (127 cm)	42.4" (108 cm)	26.5" (67 cm)	129 cm
70" (178 cm)	59.4" (151 cm)	37.1" (94 cm)	180 cm
100" (254 cm)	84.8" (215 cm)	53.0" (135 cm)	259 cm
138" (350 cm)	117" (297 cm)	73.1" (186 cm)	357 cm
200" (508 cm)	170" (431cm)	106" (269 cm)	517 cm

- The projection screen sizes and projecting distances in the table above are provided only as a guide. Please use them as reference during installation.
- The distances are calculated for a projection image of 16:10 aspect ratio.

2.6 Lens Offset, Picture Zoom and Focus

Lens Offset

The optimum image can be obtained when this projector is placed perpendicular to the projection screen. The lens offset is fixed to 50%, that means that the projector can be placed either at the top or at the bottom of the picture as shown in the below picture.

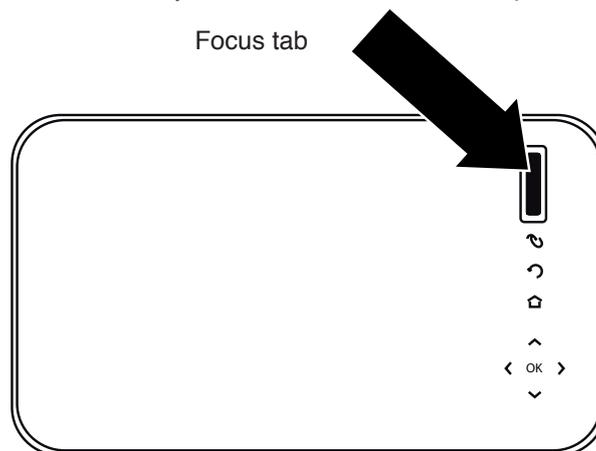


This unit comes with a vertical offset fixed to +50%. It means that the optimal position of this projector is at the bottom or top of your screen. Placing the unit in one of these positions prevents the use of electronic trapezoidal correction and will give the best picture quality.

If the projector is not installed perpendicularly to the screen, use vertical keystone correction to fulfill your screen. You can also use up to +/- 40° up and down keystone correction. Note that using keystone correction is not recommended if you want the best image quality.

Picture Focus

Adjust the picture focus with the focus adjustment tab located on the top cabinet of this unit as shown below.



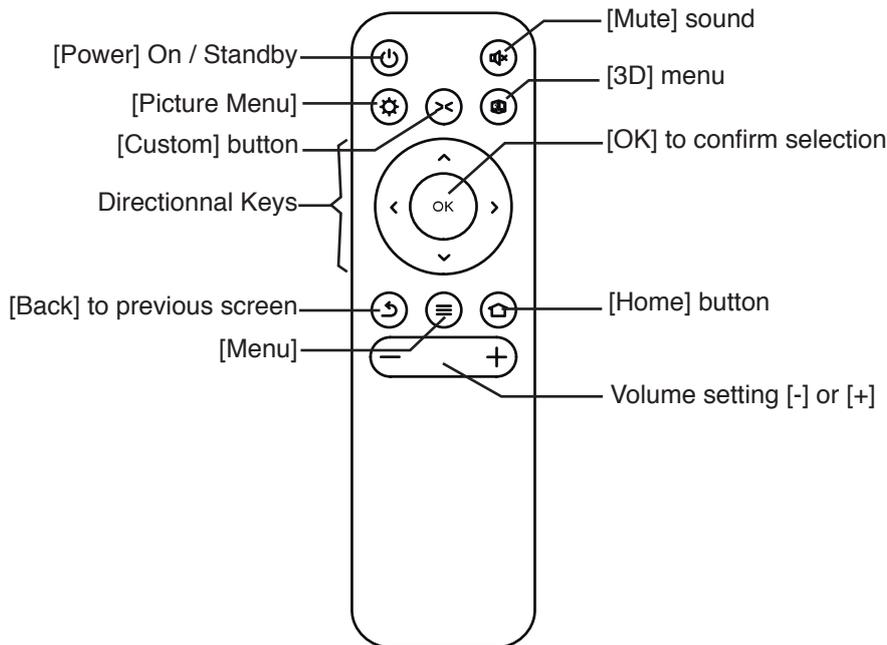
Use the manual focus tab to obtain a sharp picture.



This is important to note that the picture focus should be adjusted only when the projector is warm. Wait at least 20 minutes after this unit has been powered On to fin adjust the focus.

3.0 REMOTE CONTROL UNIT (RCU)

3.1 General View



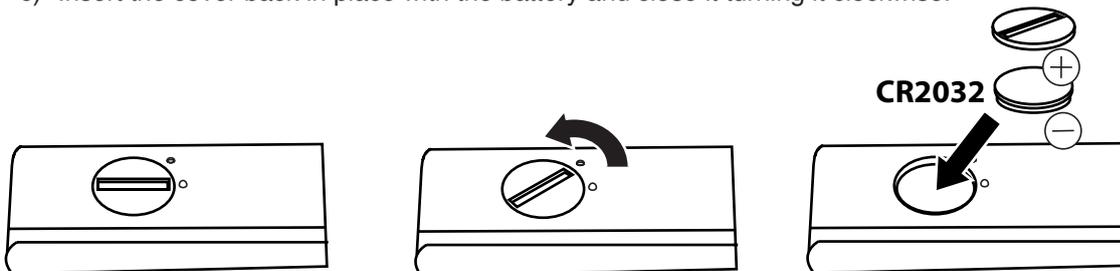
- The [Mute] sound button prevents this unit to render audio. Press again the button to enable sound.



The remote control unit can be used by having the signal reflected off a screen, as the effect of signals reflected from the RCU differ with the type of screen used, operable distance may decrease.

3.2 Loading and Replacing Batteries

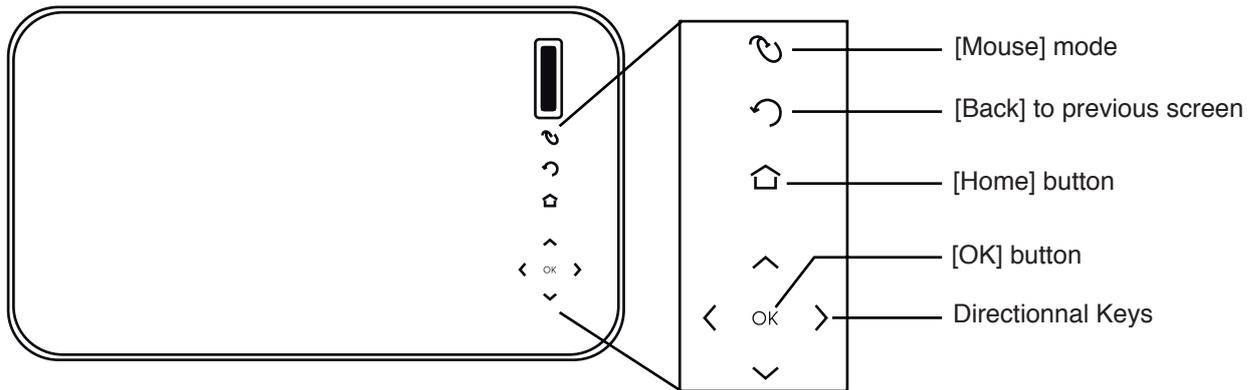
- Turn cover anti-clockwise with the fingernail one eighth of turn (45°).
- Pull cover to open the battery compartment. Insert one CR 2032 battery making sure the + polarity is on the cover side and the - polarity remote compartment side.
- Insert the cover back in place with the battery and close it turning it clockwise.



If the remote control has to be brought closer to the projector to operate, it means that the battery is wearing out. When this happens, replace the battery.

4.0 GENERAL VIEW

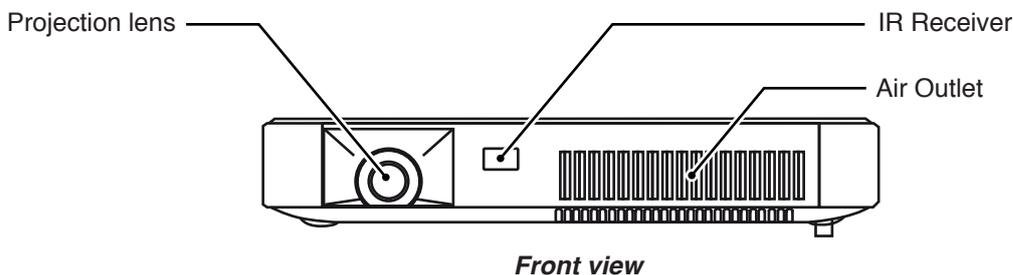
4.1 Top view and Touch Pad



Touch Pad buttons

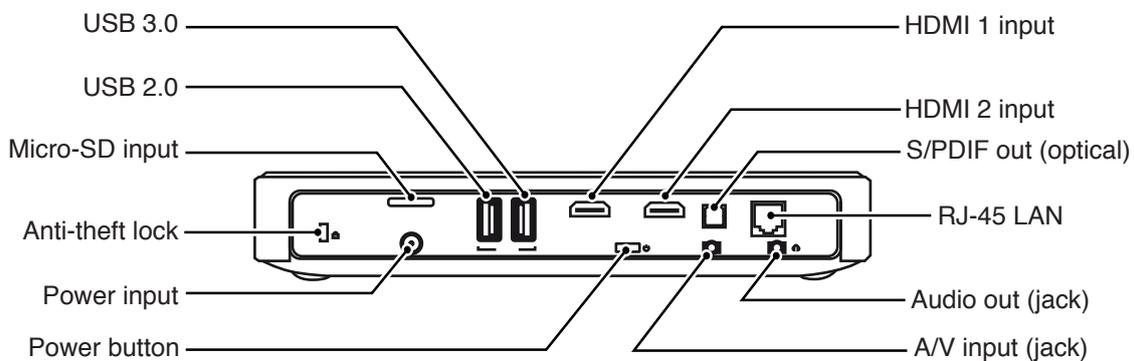
	Description
Mouse	Set the Mouse pointer and use the directional keys to move the pointer
Back	Go back to previous screen
Home	Go back to Home screen
Up - down - left - right	Navigate into the menus
OK	To select or confirm an action

4.2 Front View



Front view

4.3 Rear View

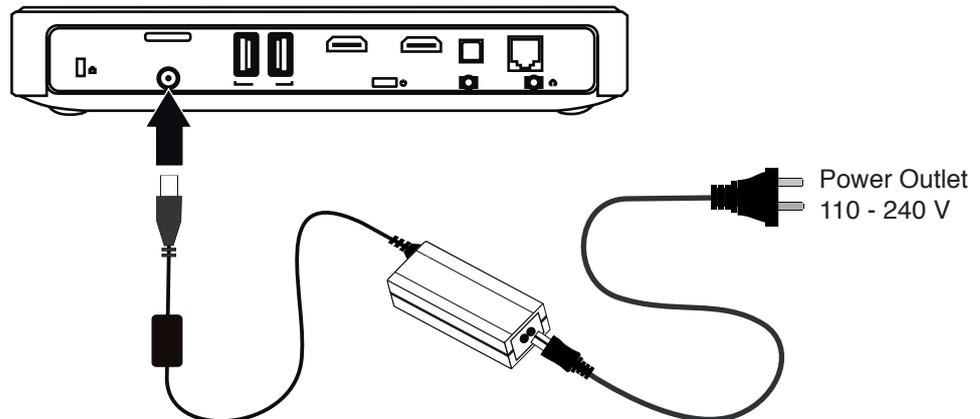


Rear view and input panel.

- Inputs: connect your video source to the correct input or connect a multimedia disc to the corresponding input.
- Power input: connect the 19V - 3.42A power cord as shown below.

5.0 GETTING STARTED

5.1 Connecting the Power Cord



Connecting the Power cord to this unit

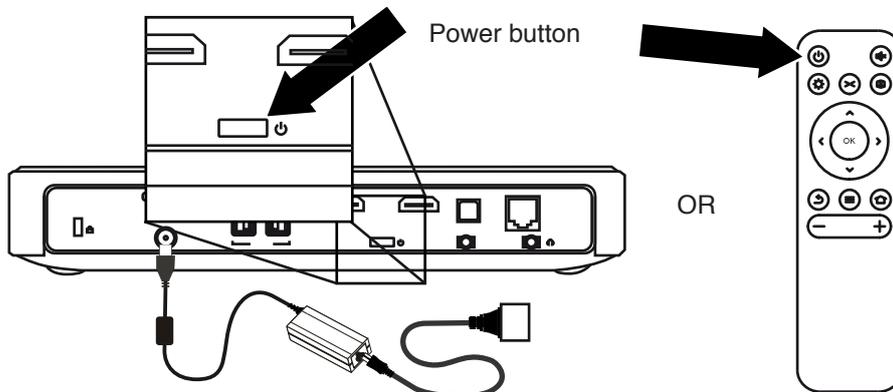


CAUTION AGAINST FIRE AND ELECTRIC SHOCK.

Since the power consumption of this unit is high, insert the power plug directly into a wall outlet. Do not use a power voltage different from that which is indicated. Do not cut, tear or modify the power cords.

5.2 Power ON

Ensure that the power cord is securely connected. Turn this unit ON by pressing the Power button located at the rear of this unit for 3 seconds or by pressing the Power button on the IR-RCU.



Press the Power button to power ON this unit.

5.3 Power OFF

To turn OFF this unit, press and hold for 3 seconds the Power button on the Control Panel or on the IR-RCU.

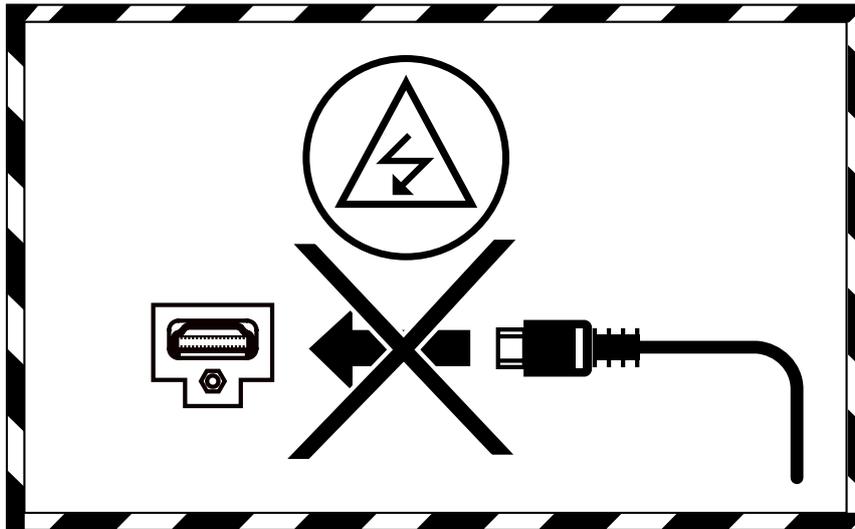


WAIT UNTIL COOLING CYCLE IS COMPLETE.

When switching this unit OFF, make sure that it completes its cooling cycle before disconnecting the main power. Do not unplug from the main power during operation.

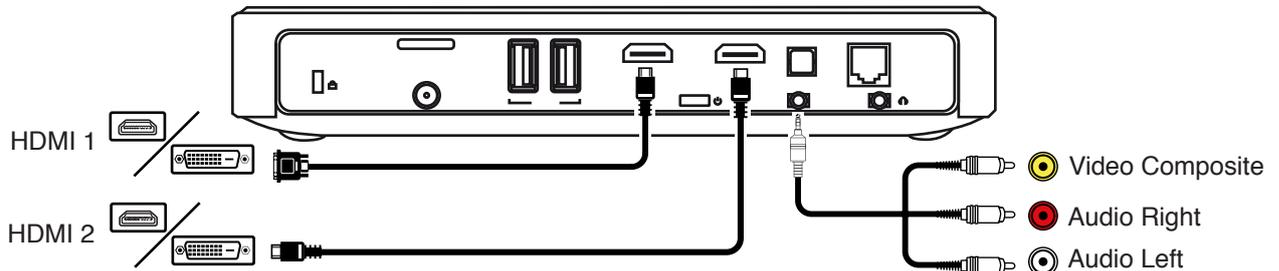
6.0 CONNECTIONS

6.1 Caution when connecting a Device to HDMI Input



Prior to connecting any device to this unit, switch the projector in standby mode. Never connect a HDMI source to this unit when the projector is in operate mode. The HDMI termination is a self-powered connection and can cause electric discharges.

6.2 Connecting a Video Source to the Projector



Audio/Video Connection	Device to connect
HDMI 1, HDMI 2 (DVI compatible)	HDMI or DVI-D sources: Blu-ray Disc player, DVD-player equipped with HDMI output, Game Console, Computer with DVI-D output. The Audio signal is embedded in the HDMI signal. HDMI inputs support 3D signals with the following formats: Frame Packing (Bluray discs), Top&Bottom and Side-by-Side.
Video Composite (1x Yellow RCA)	DVD-player, HDTV Receiver, Game Console, DVB-T receiver, Multimedia box, Analog Camera. NB: The additional 2x RCA (white and red) are used for Left and Right audio respectively.

7.0 MENU STRUCTURE

SCREENS	MENUS	SUB MENUS AND OPTIONS		
Recommend Screen	Hulu plus			
	Youtube			
	Netflix			
	Online TV			
Local Screen	Media Player			
	HDMI 1			
	HDMI 2			
	A/V Input			
Settings Screen	Apps Manager	Settings		
		All Applications		
		SD Card		
		Internal Storage Space		
		Sdcard Storage		
	Network	Status		
		Ethernet Setting		
		Wireless		
		PPoE		
		Proxy Setting		
		Hotspot (WiFi)		
		Miracast		
	Image	Gyro horizontal		Set
		Projection mode set		Normal Front Normal Back Invert Front Invert Back
		Zoom adjust		
		Zoom Factor	16:9 / 16:10	
		Zoom adjust		0 - 99
		V Zoom adjust		0 - 99
		H Zoom Adjust		0 - 99
		Auto Keystone		On / Off
T Rectify			-50 +50	
HDMI version			1.4 / 1.3	
Video		Audio Balance		0 - 100
		SPDIF		Pcm / Raw
	Speaker		On / Off	
	Boot play video		open / close	
Others	Perzonalization	Wallpaper		
		Update boot animation	On / Off	
		Adb debug	On / Off	
		LED Timeout	0.5h, 1h, 2h, 3h, Off	
		Power SourceHDMI1,HDMI2,video,Off		
		Hide Bar	yes / auto / no	
		X-Key		
		Auto3D, PictureMode, SoundMode, ZoomMode, Shotscreen, App		
		Fan	Fan1-Fan10, auto	
		Date Settings		
		Bluetooth Settings		
		Bluetoothe	On/Off	
		Device Name		
		Discoverable Timeout	2min, 5min, 1hour, never	

Others	Scan for devices System Upgrade System Update System Information Restore to Factory Default Language and keyboard settings About
Games Screen	Turn your phone and tablet into a remote Angry Birds Epic Defense Smash Hit
Apps Screen	All the other Apps
Picture Menu (*)	Mute / Hide Picture Menu Auto 3D Picture Sound Zoom 3D Mode Clean Memory Focus Figure ScreenShot Luminance
	Bright, Standard, Soft, Custom Standard, Music, Movie, News, Outside Default, 16:9, 16:10, 4:3, Zoom1, Zoom2, P2P Off, Auto, TopDown, LeftRight, FramePack, 3DT2D (UD), 3DT2D (LR) Close all opened apps Display test pattern TextMode, MovieMode, Custom, SaveMode, Led Off



(*): The Picture Menu is a overlay window located on the right side of the picture. To show this popup window you can press the [Picture Menu] button on the RCU or press the [Picture Menu] icon during a video playback.

8.0 RECOMMEND SCREEN

8.1 General View



This screen highlights 4 online Apps: Hulu plus, Youtube, Netflix and OnlineTV. Select one App icon and press OK to launch the App.

9.0 LOCAL SCREEN

9.1 General View



Use this screen to select the current active input. Select desired input between:

- Media Player, browses and reads any supported format files on TF-Card, USB disc, USB key, LAN or WLAN.
- HDMI 1
- HDMI 2
- A/V Input

9.2 Using the Media Player

The Media Player can read files from USB disc and MicroSD cards formatted in NTFS, FAT16 or FAT32. We strongly recommend NTFS when high quality video files are required. When encoding your multimedia file, please make sure to use one of the format and codec listed below.

File compatibility:

Video Formats	Codec	Maximum resolution
MPEG1, MPEG2	MPG, MPEG	1920x1080/30P (20 Mbps)
AVI, MP4	DVIX, XVID	1920x1080/30P (20 Mbps)
MKV, MOV	H.264 AVC, H.265 HEVC	1920x1080/30P (20 Mbps)

Audio Formats	Maximum bandwidth
WMA, MP3, M4A	320 Kbps

Image Formats	Maximum Resolution
JPEG	15000x8500 px
BMP	9000x6000 px

Select a file from a MicroSD card or from an USB disc



Press [OK] on the Local disk device.

Select the correct input where is located the multimedia file: "TF card" or "USB", then select the correct type of file between: Photo (JPG or BMP), Music (WMA, MP3 or M4A) or Movie (AVI, MKV, MP4, MOV or MPEG).

Browse into the folders where is located the file then press the [OK] button to read the file.

Basic operations during Playback

When reading a multimedia file, you can quickly fast forward or rewind by pressing [RIGHT] or [LEFT] arrows. Use the [+] and [-] buttons to control the volume output.

Media Player Control Panel

You can also display the multimedia control panel and have access to basic operations such as pause, fast forward, go to time, etc.



Media Player Control Panel



Press the [OK] button when playing a file to display the control panel.
Press the [BACK] button to hide the Multimedia Control Panel.

Selecting the correct audio track and subtitles

If you are reading a video file with multiple audio track or subtitles, you can browse into the Media Player Control Panel and select [Playing Settings] icon. A new window appears and you can select the correct audio track and/or subtitle.



[Playing Settings] icon

Picture Menu

To set and configure the picture mode, picture color, brightness, 3D settings etc, please enter the Picture Menu from the Media Player Control Panel by pressing the Picture Menu icon or directly by pressing the button on the Remote Control Unit.



[Picture Menu] icon or RCU button

10.0 SETTINGS SCREEN

10.1 General View



10.2 Apps Manager

Settings

Install Applications from App Store: allow or disable the installation of new Apps from the App Store.

Default Installation Location: select where the new Apps will be installed, select between Default, Internal or External. By default, the new Apps will be installed on the internal memory if enough space is available, on the external memory otherwise.

All Applications

List of all the installed Apps and their respective storage sizes.

SD Card

If a SD Card (TF-Card) is inserted, this menu lists all the Apps that have been installed on the card.

Internal Storage

This menu gives the current used and free storage space on the internal memory.

SDcard Storage

This menu gives the current used and free storage space on the SD card.

10.3 Network Settings

Status

Information about the current network status, connection and ip.

Ethernet Setting (LAN)

When using the LAN port (RJ-45), set the ethernet connection through this menu. It is better to use a wired connection to connect this unit to the LAN connection if you plan to stream or watch HD videos.

This sub menu let you choose between automatic or manual configuration of the LAN parameters. When set to manual, fill the empty fields with the correct parameters to connect this unit to your LAN.

- Automatic acquisition IP (DHCP Client): When set to ON, the projector's IP address will be automatically set by the DHCP server on the LAN.
- IP Address: Sets the IP (Internet Protocol) address of the projector. A valid address must be set for this unit.
- Subnet Mask: Sets the Subnet Mask
- Default Gateway: Sets the Default IP Gateway of the projector.
- MAC Address: A 6 byte hex number that uniquely identifies the projector on the LAN. The value is unique to each individual unit on the LAN network.

Wireless (WLAN)

When using Wi-Fi, set the WLAN connection through this menu.

PPoE

To set an internet connection using the Point-to-Point protocol. PPoE protocol is generally used to establish an internet connection when using DSL. Use the login and password given by your ISP to fill the empty fields

Proxy Setting

To set a proxy if needed for your internet connection. Ask your network administrator how to fill the fields.

Hotspot (WiFi)

To turn this unit into a WiFi Hotspot and sharing wirelessly its internet connection to the WLAN.

Miracast

Use this menu to set and turn On the Miracast function.

10.4 Image Settings

Gyro horizontal

Confirm and set the current horizontal inclination set by the integrated gyroscope.

Projection mode set

Set the correct mode:

- Normal Front for standard projection on a white screen or on the wall, the projector being in table position.
- Normal Back, this setting flips horizontally the projected picture in rear-projection installs where the picture is directly watched on a transparent screen.
- Invert Front, this setting flips vertically the projected picture in cases where this unit is installed at the ceiling or similar position.
- Invert Back, this setting flips both horizontally and vertically the projected picture when this unit is installed at the ceiling and behind a transparent screen.

Zoom Adjust Menu

- Zoom Factor, set the correct picture geometry depending of your source 16:9 is typically best suited for video playback and 16:10 for computer sources.
- Zoom Adjust, fine tune the digital zoom on both horizontal and vertical axis.
- V Zoom and H Zoom concerns only fine tuning of vertical zoom and horizontal zooms.

Auto Keystone

When enable, this function will self-calibrate the vertical keystone during operation.

T Rectify

Manual Keystone adjustment. -50 to +50.

HDMI Version

This function will modify the characteristics of the HDMI inputs. This may be useful to downgrade the HDMI version 1.4 down to 1.3 when you want to disable the 3D functions from your source (Bluray player or computer).

10.5 Video Settings

Audio Balance

Sets the balance between the left and right audio channels. Balanced audio channels are set at 50.

SPDIF

Sets the digital output format. Use Raw for the best quality, PCM for compatibility.

Speaker

Turns On or Off the integrated speakers of this unit.

Boot Play video

Turns On the boot screen animation.

10.6 Others

Perzonalization

Enter to set a new Wallpaper.

Update the boot animation, update to the latest boot animation available online. (requires an internet connection)

Adb debug: turn on to log additional debug files.

Power Source: sets the input source selection upon Power up.

Hide / Show the Android bar.

X-Key, sets the function for the [Custom] button on the RCU.

Fan speed setting: choose Auto or custom speed. Be carefull of not setting a fan speed lower than the Auto setting that may overheat and damage this unit.

Date Settings

Set the Date and Time and their format.

Bluetooth Settings

Set the Bluetooth On or Off.

Device Name: changes this unit Bluetooth Name for the Bluetooth protocole.

Discoverable Timeout: set the timeout duration.

Scan for Devices: confirm to scan and to establish a connection with a Bluetooth device.

System Upgrade

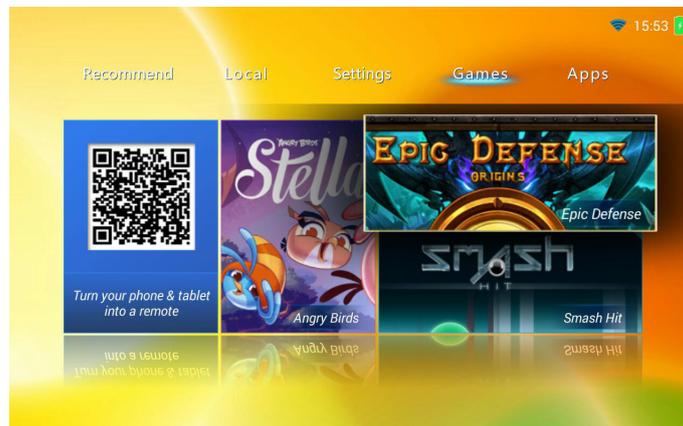
System update: use only if recommended by an official Dreamvision reseller.

System Information: current system revision.

Restore to Factory Default: use to restore the Dreamy Geek 2 settings to default. Note that all the custom picture and system settings will be lost.

11.0 GAMES SCREEN

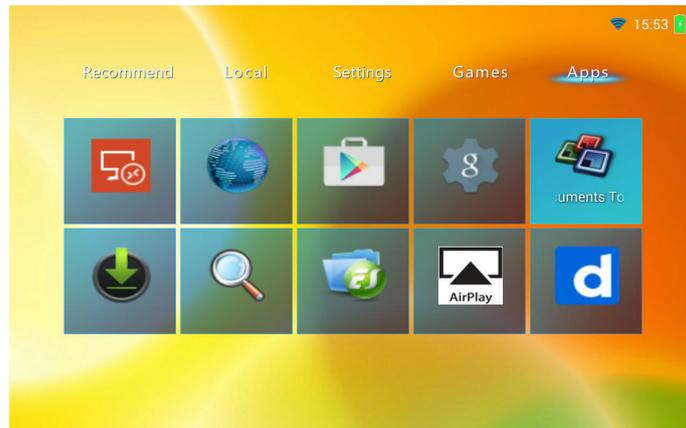
11.1 General View



This screen highlights 4 Apps including 3 android games: Turn your phone & Tablet into a remote, Angry Birds, Epic Defense and Smash Hit. You can download additional games in the next Apps Screen.

12.0 APPS SCREEN

12.1 General View



The All Apps screen lets you browse the entire set of Apps that are installed on your device. You can add more App, to do so please launch the “Play Store App” and login with your account (or create a new account) then browse and choose an App to install between the thousands App available on the Play Store.

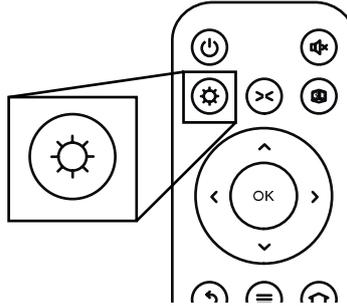
Once the Apps are installed, you can browse and choose any App from this screen and move it to the top or to uninstall it by pressing and maintaining pressed the button [OK].



An internet connection is required for installing a new App.

13.0 PICTURE MENU

Enter the Picture Menu by pressing the Remote Control Unit button.



Press the [Picture Menu] button to adjust the picture quality.

13.1 Auto 3D

Confirm to Auto detect the 3D format. Note that most 3D sources contains the 3D format description but in a few cases, the 3D format has to be manually selected.

13.2 Picture Profile

Select one of the pre-configured Picture Profile between: Bright, Standard, Soft and Custom.

The Custom mode may be fully adjusted: Luminance, Contrast, Saturation (MultiColor), Sharpness (Acute), Noise Reduction (3DNR), Color Temperature and RGB on 1024 steps.

13.3 Sound Profile

Select one of the pre-configured Sound Profile between: Standard, Music, Movie, News and Outside.

13.4 Zoom

Select the Picture Zoom that matches your video between: Default, 16:9, 16:10, 4:3, Zoom1, Zoom2 and P2P

13.5 3D Mode (manual Setting)

Comfort and Caution with 3D Content

3D content has the spectator to focus on extruding objects on the screen. The visual perception of the image and the real focus distance cause a great contradiction, this strain contributes to fatigue and discomfort.



Please stop watching if you do not feel well and consult a physician if necessary. People who already has a kind of photosensitivity, suffers from heart disease, and people in poor physical condition should not watch 3D stereoscopic images. It is also recommended that you take a break periodically.

Prevent child under 5 years old to watch 3D

The comprehensive brain function to judge stereoscopic vision which includes the feeling for real distances, develops while growing up by touching and seeing real objects, but in early childhood, it is still in an underdeveloped state. Letting them frequently watch virtual 3D video images can be an obstacle for the development of a comprehensive three-dimensional feel. Please accompany your child while it watches 3D programs.

TopDown, LeftRight, FramePack (Blu-Ray 3D)

Choose the correct setting between TopDown, LeftRight and FramePack to obtain a correct 3D picture.

3DT2D (UD) or 3DT2D (LR)

Convert a Up&Down 3D input into a watchable 2D picture without glasses. Same as previously, but compatible with a Left Right 3D signal.

13.6 Clean Memory

Confirm to close all the running Apps and to release used memory.

13.7 Focus Figure

Confirm to display a Focus test pattern.

13.8 ScreenShot

Confirm to take a screenshot of the current screen. The picture is stored in the TF-Card (sda1/Pictures/Screenshots/). If no TF-Card is inserted, the screenshot will fail.

13.9 Luminance Mode

Select one of the pre-configured Luminance Mode between: TextMode, MovieMode, Custom, SaveMode and LedOff. The Custom mode gives access to the adjustment of the Light Intensity output, and R G B individual adjustments. Additionally, the LED duty cycle may be adjust to compensate the ambient light or wall color.

14.0 MAINTENANCE

14.1 Clean Dirt

Dirt on the Cabinet

Always use a soft cloth. In case of heavy soiling, soak a cloth in neutral detergent diluted with water, wring dry and wipe, followed by wiping again using a dry cloth.



Pay attention to the following as the cabinet may deteriorate in condition, get damaged or paint may come off:

- Do not wipe with a stiff cloth.
 - Do not wipe with force.
 - Do not wipe with thinner or benzene.
-

Dirt on the Lens

The lens shall be cleaned using commercial blowers or lens cleaning papers (for cleaning glasses and cameras). Do not use fluid-type cleaning agents. The lens surface is fragile. Avoid rubbing it hard or knocking.

14.2 Unexpected Behavior

The Unit is unresponsive

In a few cases, this unit may not respond to the remote control or may display a wrong picture. Make sure that the batteries used in the remote control have still some power in it.

If the problem persists, try to switch OFF this unit and wait at least 3 minutes before powering it ON again.

Video is playing but there is no Sound

If there is no sound coming from the internal loudspeakers, make sure that the Audio settings have been correctly set.

- a) Double check that the sound is not muted by pressing the [Mute] button on the RCU.
- b) Make sure that the HDMI source is set to send audio through the HDMI input, and if you are using the RCA Video input, make sure to have the audio cable correctly connected to this unit using the Audio L/R inputs (white and red RCA connectors).
- c) Please note that the Headphone stereo Jack 3,5mm may be used only as an audio output.

15.0 SPECIFICATIONS

Overview

The Dreamy Geek 2 projection device is based on a DLP WXGA DarkChip 3

Emission method	Darkchip 3 DLP
Display panel size	0.45" Darkchip 3
Native Resolution	1280 x 800 pixels
Contrast ratio	20,000:1
Projection lens	Fixed Zoom: throw ratio of 1.2:1 with manual Focus
Brightness	1,200 ANSI Lumens
Light source life time	LED illumination system - 20,000 hours or 30,000 hours in eco mode
Screen size	10" to 200" (Aspect ratio 16:10)
Distance range	from 50cm to 500cm
Inputs:	
Composite Video	Headphone jack 3.5mm TRRS - 4 connectors A/V cable Jack 3.5mm to 3x RCA (Video and Left/Right Audio)
HDMI 1 input	version 1.4 with HDCP and audio
HDMI 2 input	version 1.4 with HDCP and audio
3D Compatibility	This unit uses DLP-Link 3D synchronisation. It can display video sources that are encoded in Frame Packing, Side by Side and Top and Bottom.
Outputs:	
Loudspeakers	4W Stereo (2x 2W speakers)
Stereo Jack	Headphone jack 3.5mm can be used as: -Stereo analog output (3.5mm jack to 2x RCA cable) -5.1 /7.1 digital output (3.5mm jack to single RCA cable)
Bluetooth 4.0	High Speed and Low Energy protocols for audio connection
Multimedia Slots	MicroSD (TF) card slot: up to 64GB 1x USB 2.0 (white) 1x USB 3.0 (blue) 1x RJ45 for LAN connection 1x WiFi 2.4/5Ghz dual band for WLAN, Miracast, Airplay, etc
Power Requirements	100V - 240V AC, 50Hz/60Hz
Power Consumption	<65W at max brightness <1W in Standby mode
Unit size (W x D x H)	232 x 134 x 45 mm - 9.13" x 5.28" x 1.77"
Net Weight	760 g (1.67 lbs)
Box size (W x D x H)	275 x 184 x 106 mm - 10.83" x 7.24" x 4.17"
Gross Weight	1,85 Kg (4.1 lbs)
Operation Environment	Temperature: 5°C to 35°C (Storage Temperature: -10°C to 60°C) Humidity: 20% to 80% without condensation

- Design and specifications are subject to change without prior notice.
- Please note that some of the pictures and illustrations may have been abridged, enlarged or contextualized in order to aid comprehension. Images may differ from the actual product.

Dream Vision

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Dreamy Geek II - R699854