



iPod/iPhone Dock Projector



EYE SAFETY WARNINGS

-  Avoid staring/facing directly into the projector beam at all times. Keep your back to the beam as much as possible.
-  A stick or laser pointer is recommended to avoid the need for the user to enter the beam.
-  When the projector is used in a classroom, adequately supervise students when they are asked to point out something on the screen.
-  In order to minimize power, use room blinds to reduce ambient light levels.

IMPORTANT SAFETY INSTRUCTIONS

1. Do not impact any ventilation openings. To ensure reliable operation of the projector and to protect from over heating, it is recommended to install the projector in a location that does not block ventilation. As an example, do not place the projector on a crowded coffee table, sofa, bed, etc. Do not put the projector in an enclosure such as a book case or a cabinet that restricts air flow.
2. Do not use the projector near water or moisture. To reduce the risk of fire and/or electric shock, do not expose the projector to rain or moisture.
3. Do not install near heat sources such as radiators, heaters, stoves or any other apparatus such as amplifiers that emits heat.
4. Do not use the projector in direct sunlight.
5. Do not use near any appliance generating a strong magnetic field.
6. Do not use the projector in areas susceptible to excessive dust and dirt.
7. Turn off the product before cleaning.
8. Ensure that the ambient room temperature is within 5- 35°C.
9. Relative Humidity is 5 - 35°C, 80% (Max.), non-condensing.
10. Do not drop, throw or try to bend your product.
11. May explode if disposed of in fire.
12. Clean only with dry cloth.
13. Only use attachments/accessories specified by the manufacturer.
14. Do not use the unit if it has been physically damaged or abused. Physical damage/abuse would be (but not limited to):
 - Unit has been dropped.
 - Charger or plug has been damaged.
 - Liquid has been spilled on to the projector.
 - Projector has been exposed to rain or moisture.
15. ■ Something has fallen in the projector or something is loose inside. Do not attempt to service the unit yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please contact your local reseller or service center before you send the unit for repair.
16. See projector enclosure for safety related markings.
17. The unit should only be repaired by appropriate service personnel.
18. Do not touch the projector for long periods of time while the projector is in use.

REGULATION & SAFETY NOTICES

This appendix lists the general notices of your projector.

FCC notice

This device 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 device 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. If this device does cause harmful interference to radio or television reception, which can be determined by turning the device 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 device and receiver.
- Connect the device into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Notice: Shielded cables

All connections to other computing devices must be made using shielded cables to maintain compliance with FCC regulations.

Caution:

Changes or modifications not expressly approved by the manufacturer could void the user's authority, which is granted by the Federal Communications Commission, to operate this device.

Operation conditions

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, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Notice: Canadian users

This Class B digital apparatus complies with Canadian ICES-003.

Renarque à l'intention des utilisateurs canadiens

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Declaration of Conformity for EU countries

- EMC Directive 2004/108/EC (including amendments)
- Low Voltage Directive 2006/95/EC
- R & TTE Directive 1999/5/EC (if product has RF function)

DISPOSAL OF WASTE ELECTRICAL & ELECTRONIC EQUIPMENT

(Applicable throughout the European Union and other European countries with separate collection programs)

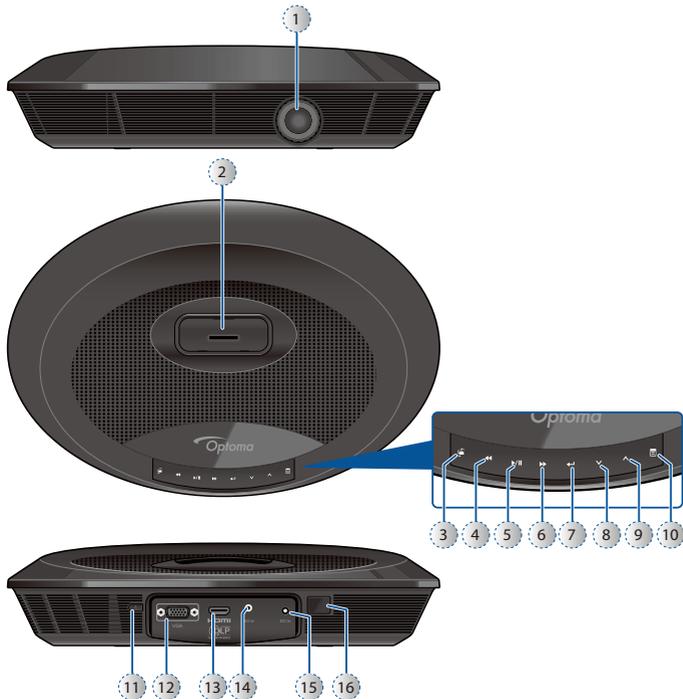
This symbol found on your product or on its packaging, indicates that this product should not be treated as household waste when you wish to dispose of it. Instead, it should be handed over to an applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences to the environment and human health, which could otherwise be caused by inappropriate disposal of this product. The recycling of materials will help to conserve natural resources.



This symbol is only valid in the European Union. If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

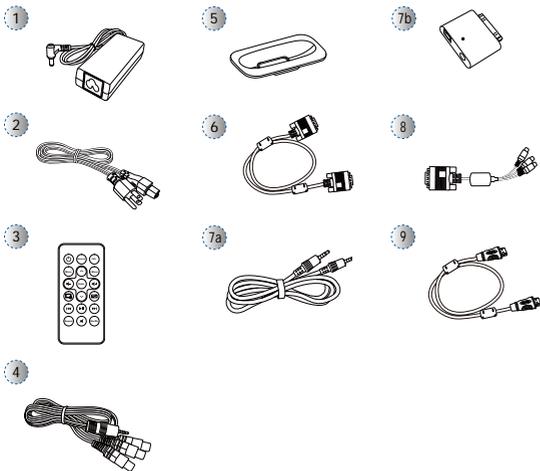


PRODUCT OVERVIEW



1. Lens
2. iPod/iPhone Docking Station
3. Source Button
4. Rewind Button
5. Play/Pause Button
6. Fast Forward Button
7. Enter Button
8. Down Button
9. Up Button
10. Menu Button
11. Power Button
12. VGA Input Connector
13. HDMI Input Connector
14. AV Input Connector
15. DC Input
16. IR Receiver

PACKAGE OVERVIEW



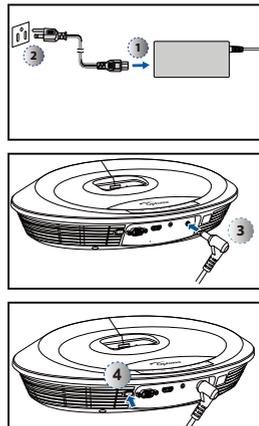
Standard Accessories

1. Power adaptor
2. Power cord
3. Remote control
4. AV composite cable
5. iPod Universal dock

Optional Accessories

6. VGA to VGA cable
7. iPad Connection Kit
 - a. iPad Cable
 - b. iPad Connector
8. VGA to component adapter
9. HDMI to HDMI cable

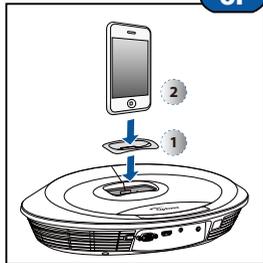
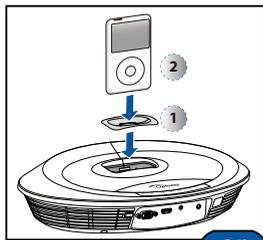
POWER ON



1. Connect the power cord to the power adaptor. (①)
2. Plug the power cord into an electrical outlet. (②)
3. Connect the power adaptor to the DC Input of the projector. (③)
4. During standby mode, the projector can be powered on by pressing the power button on the projector or the remote control. Connecting an iPod/iPhone to the dock will automatically power on the projector. (④)

<Note>
The standard accessories may vary in each region due to different applications.

CONNECT INPUT SOURCE - iPod/iPHONE



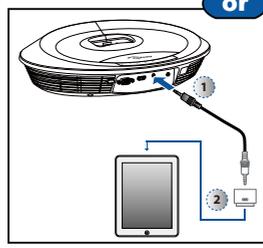
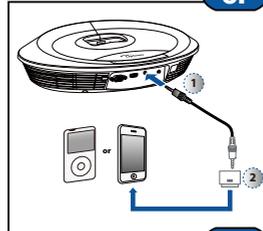
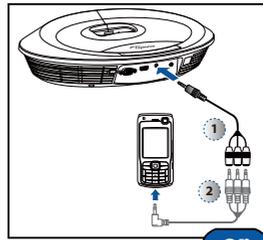
1. Insert the iPod/iPhone universal dock adapter into the docking station. (①)

<Note>
 1. Several dock adapters are included to help ensure the best fit of your iPod/iPhone. Adapters supplied with your iPod/iPhone or purchased from www.apple.com may also be used.
 2. To remove adapter, gently pull up after removing iPod/iPhone.

2. Turn on your projector.
3. Plug your iPod/iPhone into the docking station. (②)
 - iPod/iPhone will take priority and override all other input signals when other sources are being displayed.
 - iPod/iPhone will charge when docked and power is connected to projector.
4. Use the controls of the iPod/iPhone to select content for playback. Use the remote control or keypad to control playback.

<Note>
 Designed to be compatible with all series of iPod, iPhone 2G/3G, iPhone 3GS and iPhone 4.

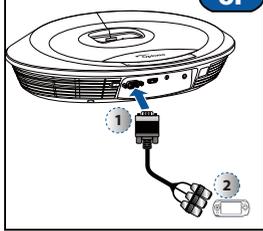
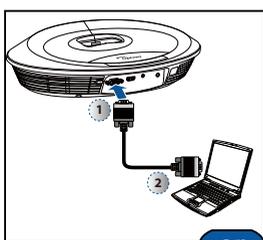
CONNECT INPUT SOURCE - VIDEO IN



1. Connect the AV input source. (①~②)
2. After powering on the projector, press "Source Button" to switch source.

<Note>
 1. All other brand and product names are trademarks or registered trademarks of their respective companies.
 2. The AV cable for connecting your video output device is not supplied as standard. Please contact your Optoma reseller or the relevant manufacturer's service center.
 3. Designed to be compatible with all series of iPod, iPhone 2G/3G, iPhone 3GS and iPhone 4.

CONNECT INPUT SOURCE - VGA/COMPONENT IN

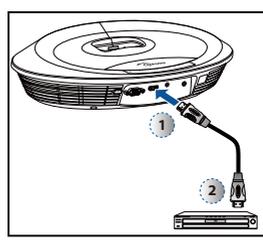


CONNECT INPUT SOURCE

1. Connect the VGA/Component source device with its respective connector.
2. After powering on the projector, press "Source Button" to switch source.

<Note>
 VGA cable, Component cable and HDMI cable are optional accessories.

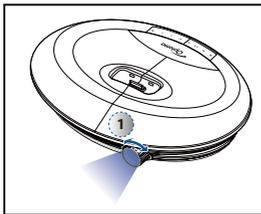
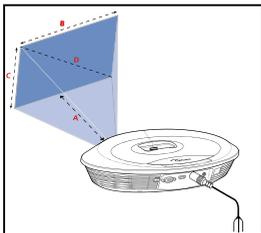
CONNECT INPUT SOURCE - HDMI



CONNECT HDMI SOURCE

1. Connect the HDMI source device to the HDMI connector. (①~②)
2. After powering on the projector, press "Source Button" to switch source.

Projection Distance (A)		Screen Size - Width (B)		Screen Size - Height (C)		Screen Diagonal (D)	
Meter	Feet	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
0.40	1.3	221	8.7	124.5	4.9	254	10
0.79	2.6	442	17.4	248.9	9.8	508	20
1.60	5.2	883.9	34.8	497.8	19.6	1016	40
2.38	7.8	1326	52.2	744.2	29.3	1524	60
3.18	10.4	1768	69.6	993	39.1	2032	80
4.77	15.7	2651	104.4	1492	58.7	3048	120



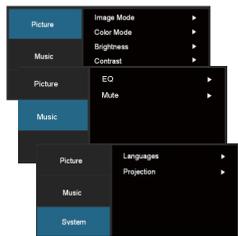
1. Adjust Focus (1) until image is clear.

Use the keypad or remote control to control the music or video playback.

Button	Keypad	Remote Control
Source		Switch source
Rewind		Short press: Previous Long press: Backward (Rewind)
Fast Forward		Short press: Next Long press: Forward
Play/Pause	Play/Pause (MP3 or Video)	MP3/Video Playback: Play/Pause
Enter	Enter	Enter
Down	OSD menu on: Down OSD menu off: Volume down	
Up	OSD menu on: Up OSD menu off: Volume up	
Menu		Display/Hide the OSD menu
Power		Power on/off
Mute	-	Mute/Unmute
Aspect Ratio	-	Switch 4:3/16:9/Auto
Image Off	-	LED on/off
Info.	-	Display metadata
Repeat	-	Toggle Repeat option to on/off
Shuffle	-	Toggle Shuffle option to on/off
Volume +	-	Increase volume level
Volume -	-	Decrease volume level
i.Menu	-	Switch function on iPod or iPhone mode on iPhone

HOW TO USE THE MENU

Main menu



Using the Control Panel



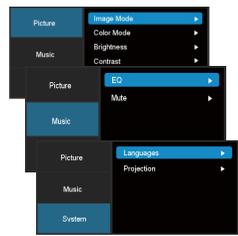
1. Enable the touch keypad by pressing anywhere on the keypad panel.
2. Press (Menu) to display the OSD main menu.
 - Press it again to hide the OSD menu.
 - If the projector is left idle for 15 seconds, the LED and OSD menu will be turned off.
3. Highlight the desired option. (Up/Down)
4. Enter the desired option. (Left)
5. Highlight the desired item. (Up/Down)
6. Select and confirm the selected item. (Left)
7. Press (Menu) to exit the current menu.

Using the Remote Control



1. Press (Menu) to display the OSD main menu.
 - Press it again to hide the OSD menu.
 - If the projector is left idle for 15 seconds, the LED and OSD menu will be turned off.
2. Highlight the desired option. (Up/Down)
3. Enter the desired option. (Enter)
4. Highlight the desired item. (Up/Down)
5. Select and confirm the selected item. (Enter)
6. Press (Menu) to exit the current menu.

Item



HOW TO USE THE MENU - SOURCE: HDMI, COMPOSITE AV (AV IN), VGA

Input signal source



Display OSD menu



Picture Menu

Picture Menu

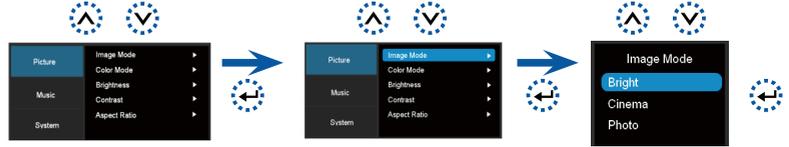
Image Mode: Select image mode (Bright, Cinema, Photo).

Color Mode: Select color mode (Standard, Extended).

Brightness: Set the brightness level.

Contrast: Set the contrast level.

Aspect Ratio: Select aspect ratio (4:3, 16:9, Auto).

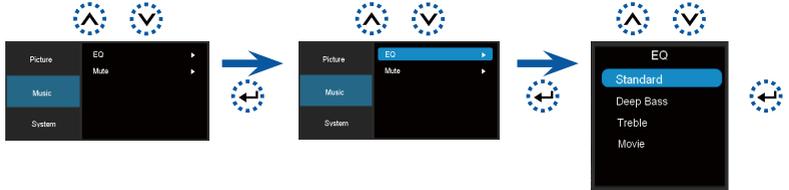


Music Menu

Music Menu

EQ: Select equalizer mode (Standard, Deep Bass, Treble, Movie).

Mute: Toggle mute option to on/off.



System Menu

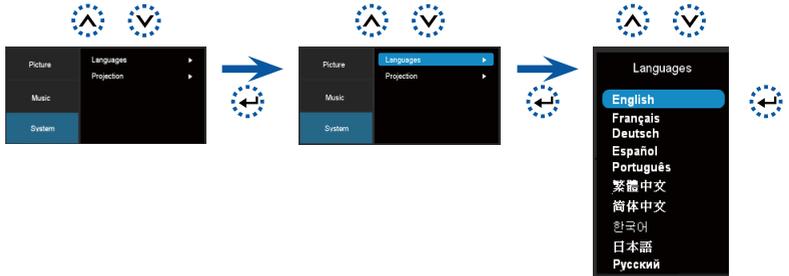
System Menu

Languages: Set the OSD language.

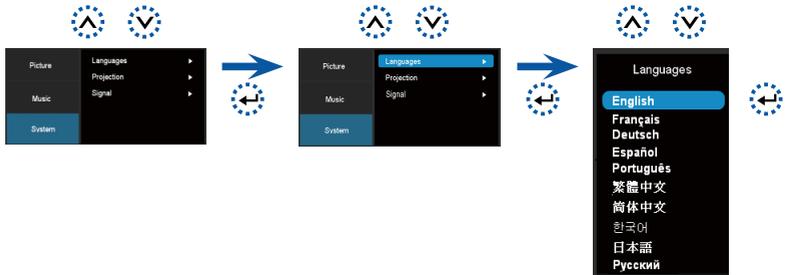
Projection: Select projection mode (Front Desktop, Rear Desktop).

Signal: Select signal mode (H-Position, V-Position, Clock, Phase)

* "Signal" is only available when the source input is VGA.



System Menu (VGA source)



HOW TO USE THE MENU - SOURCE: iPod/iPHONE

Display OSD menu



Picture Menu

Image Mode: Select image mode (Bright, Cinema, Photo).

Color Mode: Select color mode (Standard, Extended).

Brightness: Set the brightness level.

Contrast: Set the contrast level.

Aspect Ratio: Select aspect ratio (4:3, 16:9, Auto).

Music Menu

EQ: Select equalizer mode (Standard, Deep Bass, Treble, Movie).

Mute: Toggle mute option to on/off.

Shuffle: Toggle shuffle option to on/off.

Repeat: Toggle repeat option to on/off.

System Menu

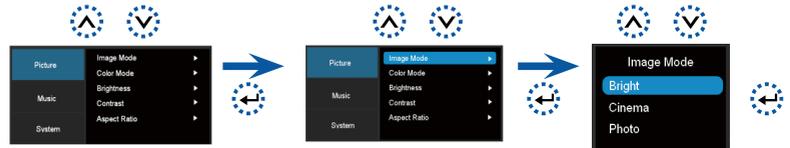
Languages: Set the OSD language.

Projection: Select projection mode (Front Desktop, Rear Desktop).

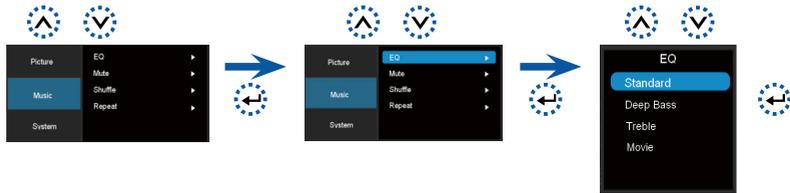
Signal: Select signal mode (H-Position, V-Position, Clock, Phase)

* "Signal" is only available when the source input is VGA.

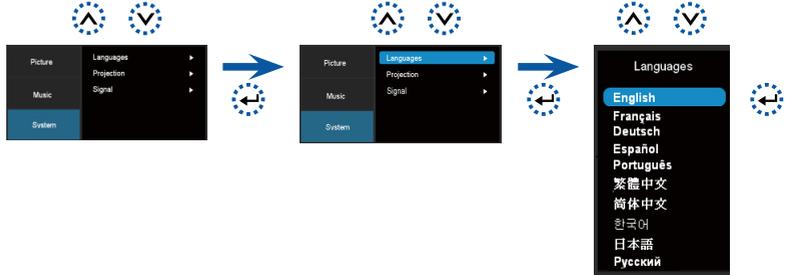
Picture Menu



Music Menu



System Menu



TROUBLESHOOTING

If you experience a problem with your projector, please refer to the following information. If a problem persists, please contact your local reseller or service center.

Image Problems

- ?** No image appears on-screen
 - Ensure the power adapter/cable are correctly and securely connected.
 - Ensure the pins of connectors are not crooked or broken.
 - Make sure the projector is switched on.
 - Make sure the "TV OUT" setting of the iPod/iPhone is set to "ON".
- ?** Image is out of focus
 - Adjust the Focus Dial.
 - Make sure the projection screen is between the required distance 9.6 to 126.6 inches (0.245 to 3.215 meters) from the projector. See page 5.
- ?** Image is too small or too large
 - Move the projector closer to or further from the screen.
- ?** Image is reversed
 - Select "Source --> System --> Projection" from the OSD and adjust the projection direction.

Audio Problems

- ?** No sound
 - Press the Volume + button. (See page 5)

COMPATIBILITY MODE

Timing Table

Mode	Resolution	V-Sync (Hz)
VGA	640x480	60
	800x600	60
	1024x768	60
	1280x720	60
	1280x800	60
Composite* Component HDMI	480i / 480P	60
	576i / 576P	50 / 60
	720P	50 / 60
	1080i	50 / 60