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The following projector manual has not been modified or altered in any way.



Luxor / Luxor plus

Bedienungsanleitung
User manual

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ÜBEREINSTIMMUNG MIT VORSCHRIFTEN**FCC-Warnung**

Dieses Gerät ist aufgrund von Tests in Übereinstimmung mit den Einschränkungen eines Digitalgeräts der Klasse B, gemäß Teil 15 der FCC-Vorschriften, zugelassen. Diese Einschränkungen haben den Zweck, einen angemessenen Schutz gegen schädigende Störungen zu bieten, wenn das Gerät in einer Wohnumgebung betrieben wird.

Dieses Gerät erzeugt und arbeitet mit Hochfrequenzenergie und kann, wenn es nicht gemäß der Bedienungsanleitung installiert und bedient wird, den Radioempfang empfindlich stören. Die Inbetriebnahme dieses Geräts in einer Wohnumgebung kann empfindliche Störungen verursachen, wobei der Benutzer diese Störungen auf eigene Kosten abstellen muss.

Änderungen oder Modifizierungen, die nicht eigens von der Partei genehmigt sind, die für die Übereinstimmung verantwortlich ist, kann die Befugnis des Benutzers zur Inbetriebnahme des Geräts ungültig machen.

Kanada

Dieses Digitalgerät der Klasse B stimmt mit ICES-003 von Kanada überein.

Sicherheitszertifikate

UL, cUL, CB, TÜV-GS, CE

Garantie und Kundendienst

Tritt ein Problem mit dem Projektor auf, versuchen Sie, es anhand der »Fehlerbehebung« auf Seite 28 zu beheben. Lässt sich das Problem nicht beheben, erkundigen Sie sich bei Ihrem Händler oder dem Kundendienst detailliert nach den Garantiebedingungen.

ENGLISH**Luxor / Luxor plus****User manual**

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Trademark Recognition

All product names used in this manual are the properties of their respective owners and are acknowledged.

Important Safety Information

Congratulations on purchasing the DLP projector!

Important:
It is strongly recommended that you read this section carefully before using the projector. These safety and usage instructions will ensure that you enjoy many years safe use of the projector. Keep this manual for future reference.

Symbols Used

Warning symbols are used on the unit and in this manual to alert you of hazardous situations.

The following boxes are used in this manual to alert you to important information.

Note:
Provides additional information on the topic at hand.

Important:
Provides additional information that should not be overlooked.

Caution:
Alerts you to situations that may damage the unit.

Warning:
Alerts you to situations that may damage the unit, create a hazardous environment, or cause personal injury.

Throughout this manual, remote control buttons are denoted in bold upper case, while component parts and items in the OSD menus are denoted in bold as in this example:

“Press **MENU** on the remote control to open the **Main** menu.”

Main Features

- Flexible setup allows for front rear and ceiling projection
- Line-of-vision projections remain square, with advanced keystone correction for angled projections
- Input source automatically detected

General Safety Information

- Do not open the unit case. Aside from the projection lamp, there are no user-serviceable parts in the unit. For servicing, contact qualified service personnel.
- Follow all warnings and cautions in this manual and on the unit case.
- The projection lamp is extremely bright by design. To avoid damage to eyes, do not look into the lens when the lamp is on.
- Do not place the unit on an unstable surface, cart, or stand.
- Avoid using the system near water, in direct sunlight, or near a heating device.
- Do not place heavy objects such as books or bags on the unit.

Power Safety

- Only use the supplied power cord.
- Do not place anything on the power cord. Place the power cord where it will not be in the way of foot traffic.
- Remove the batteries from the remote control when storing or not in use for a prolonged period.

Cleaning the Projector

- Unplug the power cord before cleaning. Refer to "Cleaning the Projector" on page 26.
- Allow the lamp sufficient time to cool.

Regulatory Warnings

- Before installing and using the projector, read the regulatory notices in the "Regulatory Compliance" section on page 30.

About this manual

This manual is intended for end users and describes how to install and operate the DLP projector. Wherever possible, relevant information—such as an illustration and its description—has been kept on one page. This printer-friendly format is both for your convenience and to help save paper and thereby protect the environment. It is suggested that you only print sections that are relevant to your needs.

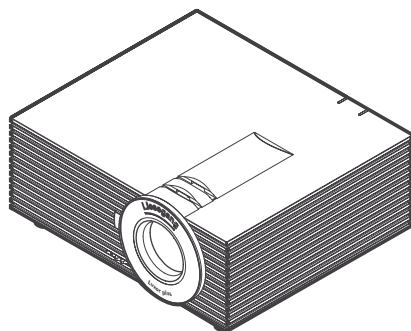
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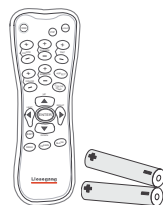
GETTING STARTED

Packing Checklist

Carefully unpack the projector and check that besides this user manual the following items are included:



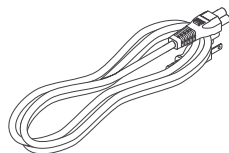
DLP PROJECTOR WITH LENS CAP



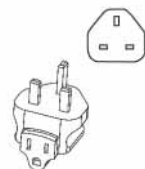
REMOTE CONTROL
(WITH TWO AAA BATTERIES)



COMPONENT CABLE



2 POWER CORDS (US; EU MODELS)



EU-TO-UK ADAPTER

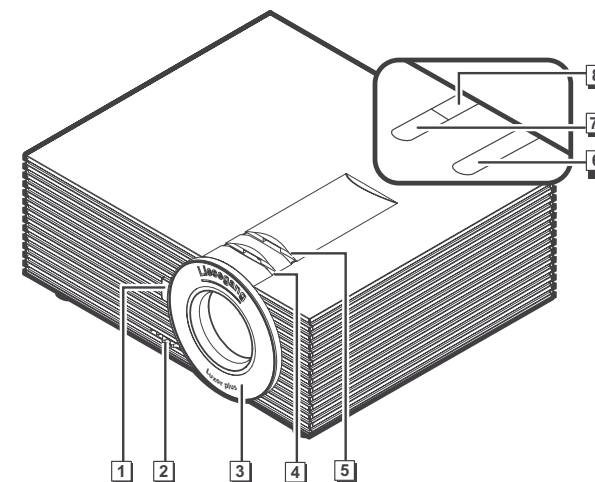
Contact your dealer immediately if any items are missing, appear damaged, or if the unit does not work.

Caution:

Avoid using the projector in dusty environments.

Views of Projector Parts

Front-right view

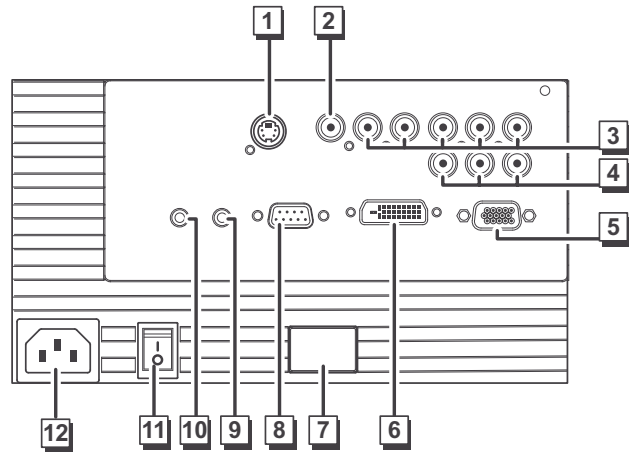


ITEM	LABEL		DESCRIPTION	SEE PAGE:
1.	IR receiver		Front receiver for IR signal from remote control	
2.	Vertical lens shift		Adjusts the vertical position of the lens	
3.	Lens		Remove cover before operation	
4.	Focus ring		Sharpens the projected image	11
5.	Zoom ring		Enlarges the projected image	
6.	IR LED		Flashes green when signal from remote control is received	
7.	Lamp LED	Red	Lamp ready—you can safely turn on or off the projector	
		Flashing	Lamp not ready—do not press the power button	
		Blue	Unit is powered on and working correctly	
		Off	Unit is powered off	
8.	Power LED	Flashing	Operational error code	28

Important:

Grill openings on the projector allow for good air circulation, which keeps the projector lamp cool. Do not obstruct any of the grill openings.

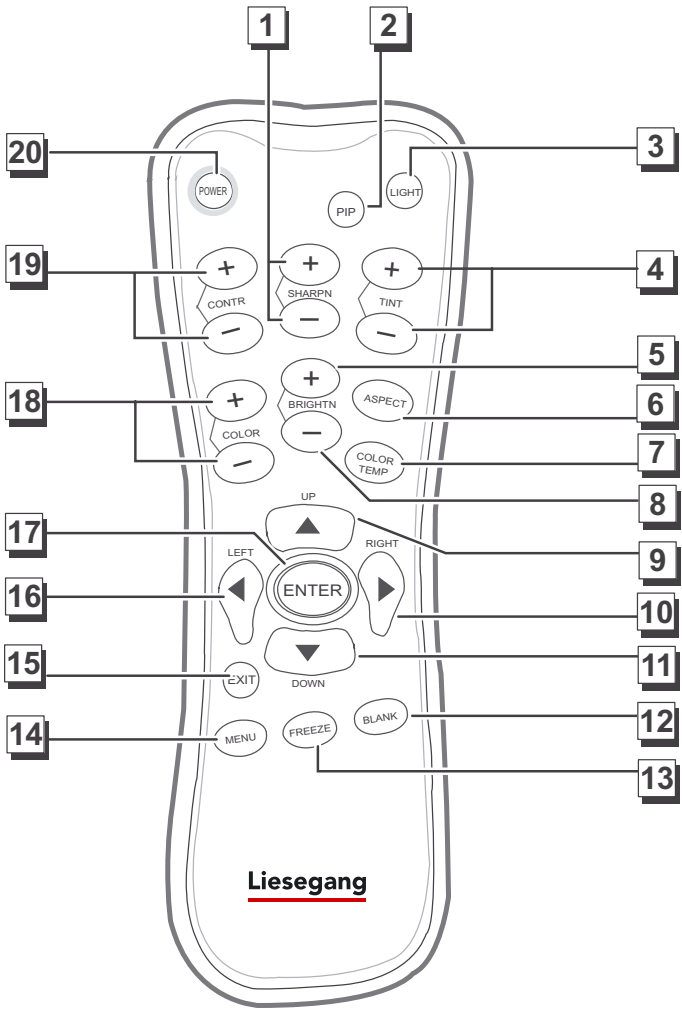
Rear view—connectors



ITEM	LABEL	DESCRIPTION
1.	S-video	Connect an S-video enabled device.
2.	Video (composite)	Connect a composite video enabled device.
3.	RGBHV (5-cable) RGSB (sync on green) RGBCS (SCART) PrYPb	Connect a component video enabled device.
4.	PrYPb (component)	Connect a component video enabled device.
5.	VGA input	Connect to a computer.
6.	DVI input	Connect a DVI (digital) cable from a computer or video source.
7.	IR receiver	Rear receiver for IR signal from remote control
8.	RS232 in	This is a service port for firmware upgrades.
9.	Screen	Connect to the screen.
10.	Aspect ratio	Connect to the screen.
11.	Main power switch	Turns the main power to the unit on or off
12.	Power	Connect to an electrical outlet

Note:
If your video equipment has both S-video and RCA jacks (composite video) connect to the S-video connector.
S-video provides a better quality signal.

Remote Control Parts



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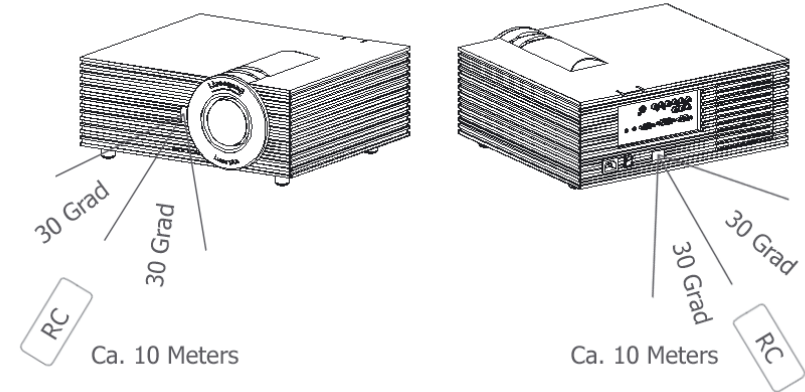
Important:
1. Avoid using the projector with bright fluorescent lighting turned on. Certain high-frequency fluorescent lights can disrupt remote control operation.
2. Be sure nothing obstructs the path between the remote control and the projector. If the path between remote and projector is obstructed, you can bounce the remote signal off certain reflective surfaces such as projector screens.

ITEM	LABEL	DESCRIPTION	SEE PAGE:
1.	SHARPN +	Increases/decreases the sharpness of the projected image	12
	SHARPN -		
2.	PIP	Activates PIP (picture-in-picture)	24
3.	LIGHT	Switches on the remote control backlight	—
4.	TINT +	Increases/decreases the tint of the projected image	13
	TINT -		
5.	BRIGHTN +	Increases the brightness of the projected image	14
6.	ASPECT	Aspect ratio settings hot key	14
7.	COLOR TEMP	Color temperature settings hot key	15
8.	BRIGHTN -	Decreases the brightness of the projected image	14
9.	UP	Opens the Input Source menu Navigates and changes settings in the OSD	16
10.	RIGHT	Navigates and changes settings in the OSD	
11.	DOWN	Opens the Input Source menu Navigates and changes settings in the OSD	
12.	BLANK	Makes the screen blank	—
13.	FREEZE	Freeze/unfreezes the on-screen picture	—
14.	MENU	Opens the On-Screen Display (OSD)	16
15.	EXIT	Exits the OSD, or returns to previous menu	
16.	LEFT	Navigates and changes settings in the OSD	
17.	ENTER	Changes settings in the OSD	
18.	COLOR +	Increases/decreases the color (saturation) of the projected image	13
	COLOR -		
19.	CONTR +	Increases/decreases the contrast of the projected image	12
	CONTR -		
20.	POWER	Turns the projector on or off	10

Remote Control Operating Range

The remote control uses infrared transmission to control the projector. It is not necessary to point the remote directly at the projector. Provided you are not holding the remote perpendicular to the sides of

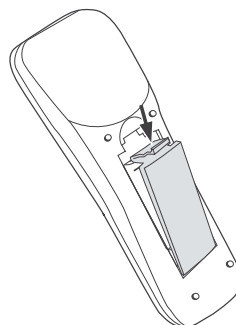
the projector, the remote will function well within a radius of about 10 meters (33 feet) and 30 degrees above or below the projector level. If the projector does not respond to the remote control, try bouncing the IR signal off the screen or move a little closer to the projector.



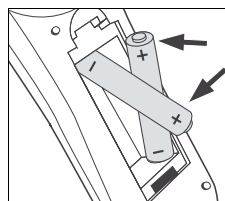
SETUP AND OPERATION

Inserting the Remote Control Batteries

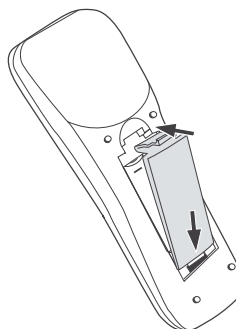
1. Remove the battery compartment cover by pushing down on the latch in the direction of the arrow.



2. Insert the supplied batteries taking note of the polarity (+/-) as shown here.



3. Replace the cover at the bottom first, then push the cover until it "clicks" closed.

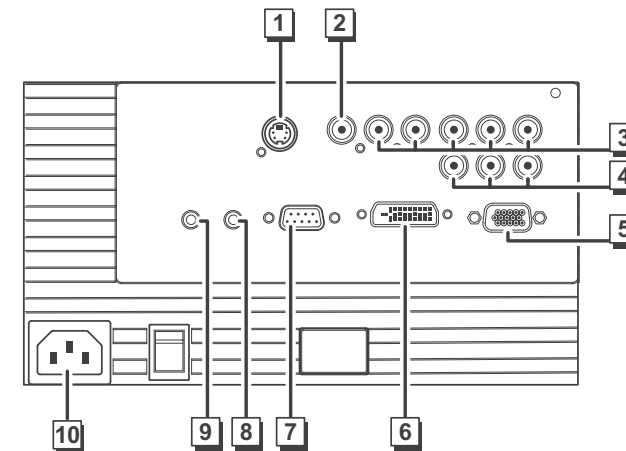


Caution:

1. Only use AAA alkaline batteries or NiMH rechargeable batteries.
2. Dispose of used batteries according to local ordinance regulations.
3. Remove the batteries when not using the projector for prolonged periods.

Connecting Input Devices

A PC or notebook computer as well as video devices can be connected to the projector at the same time. Video devices include DVD, VCD, and VHS players, as well as movie camcorders and digital still cameras. Check the user manual of the connecting device to confirm it has the appropriate output connector.



ITEM	LABEL	DESCRIPTION
1.	S-video	Connect an S-video cable from the S-video out connector on the video device to this connector.
2.	Video (composite)	Connect a composite video cable from the video (composite) out connector on the video device to this connector.
3.	RGBHV (5-cable) RGSB (sync on green) RGBCS (SCART) PrYPb	Connect a 5-cable RGB cable from the video (component) out connectors on the video device to these connectors.
4.	PrYPb (component)	Connect an RGB cable from the video (component) out connectors on the video device to these connectors.
5.	VGA input	Connect a VGA (analog) cable from a computer to this connector.
6.	DVI input	Connect a DVI (digital) cable from a computer or video source to this connector.
7.	RS232 in	This is a service port for firmware upgrades or RS232 control of the projector.
8.	Screen	12-Volt DC out.

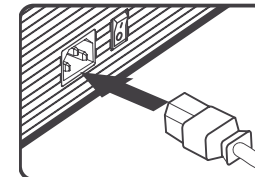
ITEM	LABEL	DESCRIPTION
9.	Aspect ratio	12-Volt DC out.
10.	Power	Connect the female connector of the supplied power cable to this connector. Connect the other end to an electrical outlet only after you have finished all other connections.

Warning:

As a safety precaution, disconnect all power to the projector and connecting devices before making connections.

Starting and Shutting down the Projector

1. Connect the power cord to the projector. Connect the other end to a wall outlet.
Turn on the main power switch. The Power LED blinks (blue) slowly.



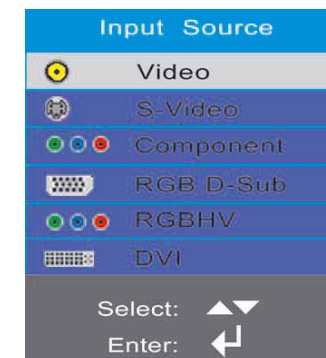
2. Remove the lens cover.
3. Turn on the connected devices.
4. Press the **POWER** button to turn on the projector.

The projector splash screen displays and connected devices are detected.

5. If more than one input device is connected, press the UP/DOWN buttons to open the Input Source menu. Press the **UP/DOWN** buttons to change the input device and press **ENTER**.

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projection technology



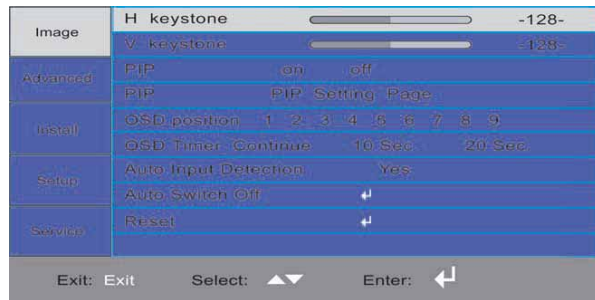
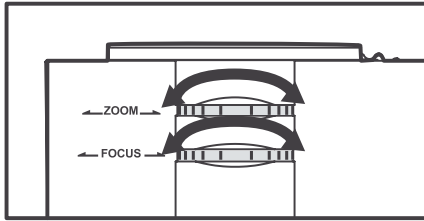
6. To turn off the projector, press and hold the **POWER** button for two seconds.
The projector turns off.



7. Turn off the main power switch.

Adjust the Zoom, Focus and Keystone

1. Use the **ZOOM** ring (on the projector) to resize the projected image and screen size.
2. Use the **FOCUS** ring (on the projector) to sharpen the projected image.
3. Press **MENU** on the remote control to open the **OSD**.
4. Press **▲▼** to select **Setup** and then press **ENTER**.
5. Press **◀▶** to adjust the horizontal keystone and then press **ENTER**.
6. Press **◀▶** to adjust the vertical keystone and then press **ENTER**.
7. Press the **EXIT** button twice to close the OSD.



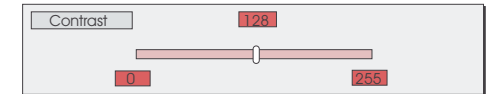
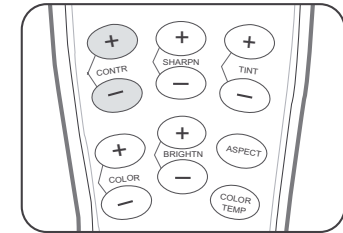
Adjusting the Image

There are hot keys on the remote control that let you adjust contrast, sharpness, tint, color, brightness, aspect ratio, and color temperature. When you press one of these hot keys, a slide bar is overlaid on the source image. Use the **+/-** button to adjust the value. Press the **EXIT** or **MENU** button to close an image slide bar, or press an image hot key to automatically close the current slide bar and open the next.

Contrast Control

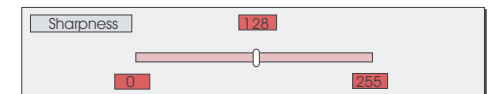
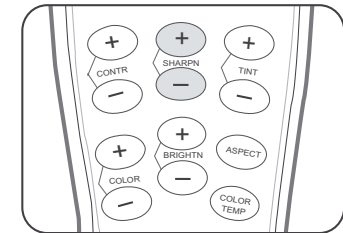
Use the contrast control to adjust the contrast between light and dark areas of the projected image.

1. Press the **CONTR+/-** button. The contrast slide bar appears.
2. Press the **CONTR+/-** button to increase/decrease the contrast.
3. Press the **EXIT** or **MENU** button to close the contrast slide bar.

Sharpness Control

Use the sharpness control to adjust the image sharpness. The sharpness control is not available in PC mode.

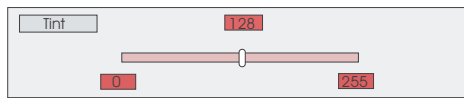
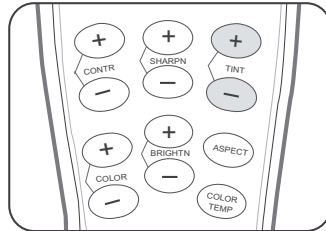
1. Press the **SHARPN+/-** button. The sharpness slide bar appears.
2. Press the **SHARPN +/-** button to increase/decrease the sharpness.
3. Press the **EXIT** or **MENU** button to close the sharpness slide bar.



Tint Control

Use the tint control to adjust color hue to obtain true color reproduction. The tint control is not available in PC mode.

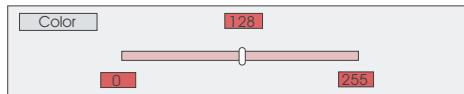
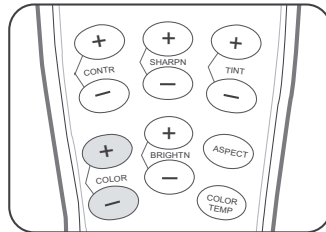
1. Press the **TINT+/-** button.
The tint slide bar appears.
2. Press the **TINT+/-** button to increase/decrease the tint.
3. Press the **EXIT** or **MENU** button to close the tint slide bar.



Color Control

Use the color control to adjust the color saturation level. The color control is not available in PC mode.

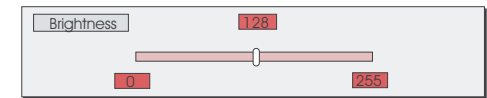
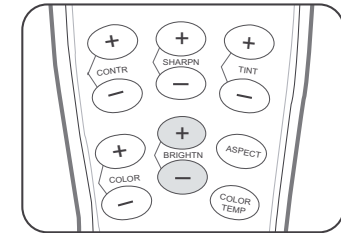
1. Press the **COLOR+/-** button.
The color slide bar appears.
2. Press the **COLOR+/-** button to increase/decrease the color.
3. Press the **EXIT** or **MENU** button to close the color slide bar.



Brightness Control

Use the brightness control to adjust the overall light output.

1. Press the **BRIGHTN+/-** button.
The brightness slide bar appears.
2. Press the **BRIGHTN +/-** button to increase/decrease the brightness.
3. Press the **EXIT** or **MENU** button to close the brightness slide bar.

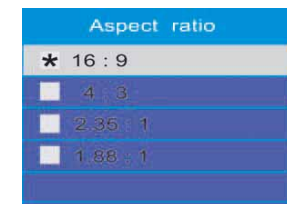
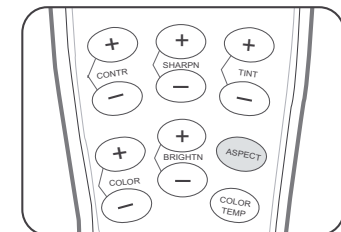


Aspect Control

Use the aspect control to adjust the aspect ratio of the projected image. The following settings are supported:

ASPECT RATIO	DESCRIPTION
16:9	Wide screen TV format (anamorphic format)
4:3	Standard TV format
2.35:1	Panavision or Cinemascope format
1.88:1	Flat movie format

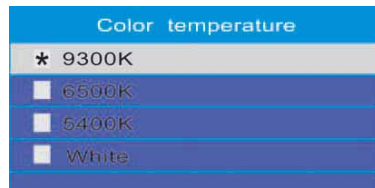
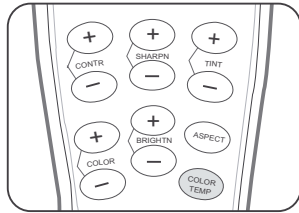
1. Press the **ASPECT** button.
The Aspect ratio screen appears.
2. Press **▲▼** to select the desired aspect ratio.
3. Press **ENTER** to confirm the setting.
4. Press the **EXIT** button to close the Aspect ratio screen.



Color Temperature Control

Select the color temperature according to the source. The calibrated **9300K/6500K/5300K** setting provides optimum color tracking. The **White** setting provides maximum projector light output.

1. Press the **COLOR TEMP** button.
The Color temperature screen appears.
2. Press **▲▼** to select the desired color temperature.
3. Press **ENTER** to confirm the setting.
4. Press the **EXIT** button to close the Color temperature screen.



ON-SCREEN DISPLAY MENU SETTINGS

On-Screen Display Menu Controls

The projector has an On-Screen Display (OSD) that lets you make image adjustments and change various settings.

Navigating the OSD

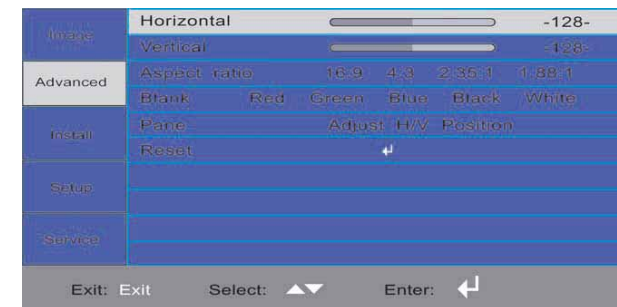
Press **MENU** to open the OSD, and then use the arrow buttons (up/down **▲▼**, left/right **◀▶**) to navigate and make changes. Press **ENTER** to enter menus and confirm settings. Press the **EXIT** button to exit menus. Press **MENU** to close the OSD.

The example below demonstrates how to change the **Brightness** setting in the **Image** menu, and then navigate to the **Horizontal** setting in the **Advanced** menu.

1. Press **MENU**. The **Image** menu (or last open menu) appears.
2. Press **ENTER** to select **Brightness**.



3. Press **◀▶** to adjust the brightness.
4. Press **EXIT** to leave the **Image** menu.
5. Press **▲▼** until **Advanced** is highlighted and press **ENTER**. The **Advanced** menu opens; the **Horizontal** setting is selected.

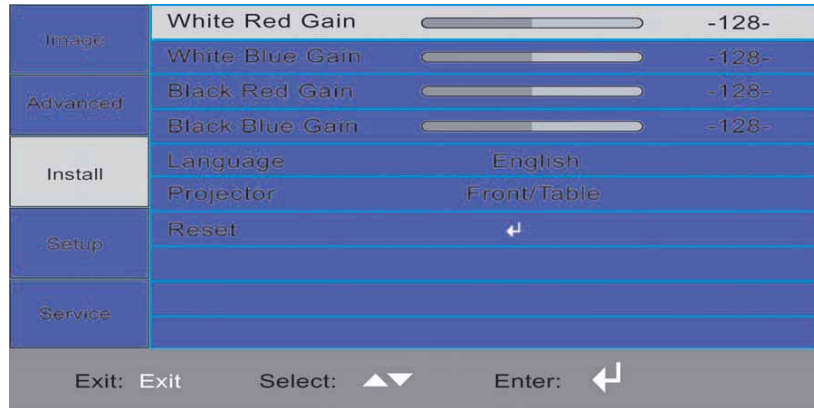


6. Press **◀▶** to adjust the horizontal setting.
7. Press **MENU** to close the OSD.

Setting the OSD Language

You may want to reference the OSD on your projector while reading this section. Set the OSD language to your preference before continuing. (Available languages are English, German, French, and Italian. The default language is English.)

1. Press **MENU**. The **Image** menu (or the last open menu) appears.
2. Press **▲▼** until **Install** is highlighted and then press **ENTER**.



3. Press **▲▼** until **Language** is highlighted.
4. Press **◀▶** to select the language you want.
5. Press **ENTER** to confirm.

Image Menu (PC)

Press **MENU** to open the **OSD**. If necessary, press **▲▼** to move to the **Image** menu and press **ENTER**. Press **▲▼** to move up and down in the **Image** menu. Press **◀▶** to adjust values and press **ENTER** to confirm the setting.



ITEM	DESCRIPTION	DEFAULT
Brightness	Press ◀▶ to adjust the brightness. (Range: 0—255)	128
Contrast	Press ◀▶ to adjust the contrast. (Range: 0—255)	128
Color	Press ◀▶ to adjust the color. (Range: 0—255)	128
Tint	Press ◀▶ to adjust the video tint/hue. (Range: 0—255)	128
Gamma	Press ◀▶ to adjust the gamma correction of the display. (Range: 1.0; 1.6; 2.2; 2.8; 3.1)	2.2
Color Temperature	Press ◀▶ to adjust the video tint/hue. (Range: 9300 Warm; 6500 Normal; 5400 Cool; White)	6500 Normal
5RCA	Press ◀▶ to change the source for 5RCA. Range: 1. RGB - RGBHV (5-cable) 2. YUV - Sync on green 3. Scart - PrYPb	RGB
Auto Adjust Image	Press ENTER to auto adjust the image for the current source.	—
Reset	Resets all items except 5RCA in the image menu to the default values.	—

Image Menu (Video)

Press **MENU** to open the **OSD**. If necessary, press **▲▼** to move to the **Image** menu and press **ENTER**. Press **▲▼** to move up and down in the **Image** menu. Press **◀▶** to adjust values and press **ENTER** to confirm the setting.

Image	Brightness		-128-
	Contrast		-128-
Advanced	Color		-128-
	Tint		-128-
Install	Sharpness		-128-
	Gamma	1.0 1.6 2.2 2.8 3.1	
Setup	Color Temp.	9300 6500 5400 White	
	5RCA	RGB	
Service	Auto Adjust Image	↶	
	Reset	↶	
Exit: Exit Select: ▲▼ Enter: ↶			

ITEM	DESCRIPTION	DEFAULT
Brightness	Press ◀▶ to adjust the brightness. (Range: 0—255)	128
Contrast	Press ◀▶ to adjust the contrast. (Range: 0—255)	128
Color	Press ◀▶ to adjust the color. (Range: 0—255)	128
Tint	Press ◀▶ to adjust the video tint/hue. (Range: 0—255)	128
Sharpness	Press ◀▶ to adjust the sharpness. (Range: 0—255)	128
Gamma	Press ◀▶ to adjust the gamma correction of the display. (Range: 1.0; 1.6; 2.2; 2.8; 3.1)	2.2
Color Temp.	Press ◀▶ to adjust the video tint/hue. (Range: 9300 Warm; 6500 Normal; 5400 Cool; White)	6500 Normal
5RCA	Press ◀▶ to change the source for 5RCA. Range: 1. RGB - RGBHV (5-cable) 2. YUV - Sync on green - PrYPb 3. Scart	RGB
Auto Adjust Image	Press ENTER to auto adjust the image for the current source.	—
Reset	Resets all items except 5RCA in the Image menu to the default values.	—

Advanced Menu (PC and Video)

Press **MENU** to open the **OSD** menu. Press **▲▼** to move to the **Advanced** menu and press **ENTER**. Press **▲▼** to move up and down in the **Advanced** menu. Press **◀▶** to adjust values and press **ENTER** to confirm the setting.

Image	Horizontal		-128-
	Vertical		-128-
Advanced	Aspect ratio	16:9 4:3 2.35:1 1.88:1	
	Blank	Red Green Blue Black White	
Install	Pane	Adjust H/V Position	
	Reset	↶	
Setup			
Service			
Exit: Exit Select: ▲▼ Enter: ↶			

ITEM	DESCRIPTION	DEFAULT
Horizontal size	Press ◀▶ to adjust the screen size horizontally. (Range: -255— +255)	0
Vertical size	Press ◀▶ to adjust the screen size vertically. (Range: -255— +255)	0
Aspect ratio	Press ◀▶ to adjust the video aspect ratio. (Range: 16:9 – 4:3 – 2.35:1 – 1.88:1)	16:9
Blank	Press ◀▶ to select a background color for blank screen (Range: Red – Green – Blue – Black – White)	Black
Pane	Select this item and press ENTER . Then use the arrow buttons to pan the onscreen image.	—
Reset	Resets all items in the Advanced menu to the default values.	—

Install Menu (PC)

Press **MENU** to open the **OSD** menu. Press **▲▼** to move to the **Install** menu and press **ENTER**. Press **▲▼** to move up and down in the **Install** menu. Press **◀▶** to adjust values and press **ENTER** to confirm the setting.

Image	White Red Gain		-128-
	White Blue Gain		-128-
Advanced	Black Red Gain		-128-
	Black Blue Gain		-128-
Install	Language	English	
	Projector	Front/ Table	
Setup	Reset		
Service			
Exit: Exit Select:  Enter: 			

ITEM	DESCRIPTION		DEFAULT
White Red Gain	Press ◀▶ to adjust the white color temperature on red. (Range: 0 — 255)		128
White Blue Gain	Press ◀▶ to adjust the white color temperature on blue. (Range: 0 — 255)		128
Black Red Gain	Press ◀▶ to adjust the black color temperature on red. (Range: 0 — 255)		128
Black Blue Gain	Press ◀▶ to adjust the black color temperature on blue. (Range: 0 — 255)		128
Language	Press ◀▶ to change the language. (Range: English; German; French; Italian)		English
Projection	Press ◀▶ to choose from four projection methods:		Front/ Table
	Front/ Table	Desktop mount, front of screen	
	Rear/ Table	Desktop mount, rear of screen	
	Front/ Ceiling	Ceiling mount, front of screen	
	Rear/ Ceiling	Ceiling mount, rear of screen	
Reset	Resets all items in the Install menu to the default values.		—

Install Menu (Video)

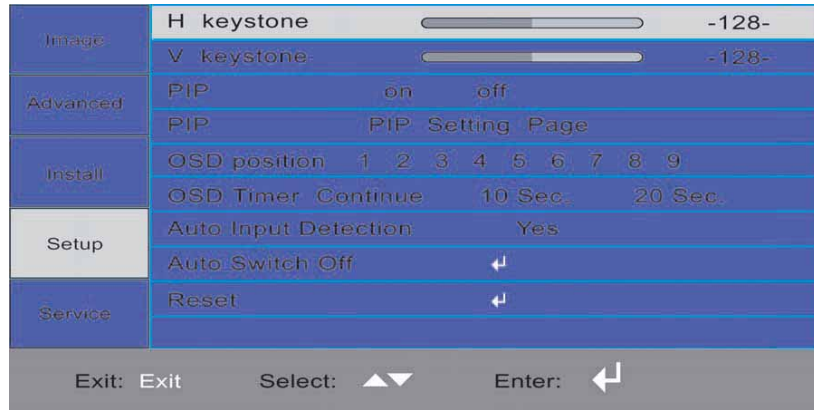
Press **MENU** to open the **OSD** menu. Press **▲▼** to move to the **Install** menu and press **ENTER**. Press **▲▼** to move up and down in the **Install** menu. Press **◀▶** to adjust values and press **ENTER** to confirm the setting.

Image	Language	English
	Projector	Front / Table
Advanced	Reset	↶
Install		
Setup		
Service		
Exit: Exit Select: ▲▼ Enter: ↵		

ITEM	DESCRIPTION		DEFAULT
Language	Press ◀▶ to change the language. (Range: English; German; French; Italian)		English
Projection	Press ◀▶ to choose from four projection methods:		Front/ Table
	Front/ Table	Desktop mount, front of screen	
	Rear/ Table	Desktop mount, rear of screen	
	Front/ Ceiling	Ceiling mount, front of screen	
	Rear/ Ceiling	Ceiling mount, rear of screen	
Reset	Resets all items in the Install menu to the default values.		—

Setup Menu (PC and Video)

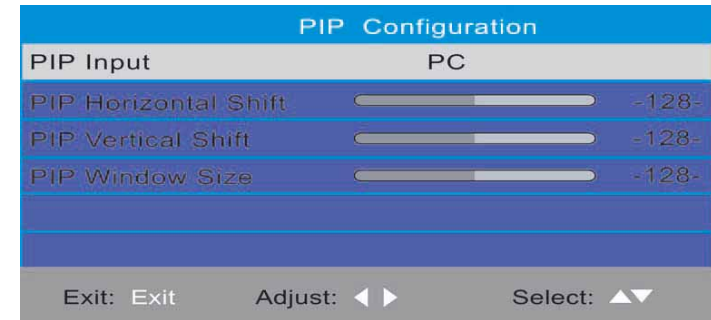
Press **MENU** to open the **OSD** menu. Press **▲▼** to move to the **Setup** menu and press **ENTER**. Press **▲▼** to move up and down in the **Setup** menu. Press **◀▶** to adjust values and press **ENTER** to confirm the setting.



ITEM	DESCRIPTION	DEFAULT
H keystone	Press ◀▶ to adjust the horizontal keystone. (Range: 0 — 255)	128
V keystone	Press ◀▶ to adjust the vertical keystone. (Range: 0 — 255)	128
PIP (on/off)	Press ◀▶ to enable/disable PIP.	Off
PIP (setting page)	Press ◀▶ to open the PIP Configuration menu. (See "PIP Setting Menu" on page 24.)	
OSD Position	Press ◀▶ to select the OSD screen position. (Range: 1 (upper left) — 9 (bottom right))	4 (right center)
OSD Timer Continue	Press ◀▶ to select how long the OSD is displayed. (Range: Continue (OSD appears until manually closed) - 10 Sec. - 20 Sec.)	Continue
Auto Input Detection	Press ◀▶ to enable/disable Auto Input Detection. Note: When this setting is disabled, you need to select the source from the Input Source menu.	Yes
Auto Switch Off	Press ENTER to change settings for Auto Switch Off. (See Auto Switch Off Settings on page 24.)	1
Reset	Resets all items in the setup menu to the default values.	—

PIP Setting Menu

Press **MENU** to open the **OSD** menu. Press **◀▶** to move to the **Setup** menu. Press **▲▼** in the **Setup** menu to select **PIP Setting Page** and press **ENTER** to open this menu. Press **▲▼** to move up and down in the **PIP Configuration** menu.



ITEM	DESCRIPTION	DEFAULT
PIP input	Press ◀▶ to select the PIP source.	PC
PIP Horizontal Shift	Press ◀▶ to adjust the horizontal position of the PIP window.	—
PIP Vertical Shift	Press ◀▶ to adjust the vertical position of the PIP window.	—
PIP Window Size	Press ◀▶ to adjust the size of the PIP window.	—

Auto Switch Off Settings

You can set the projector to power off automatically after a set time if no signal is detected. Refer to the following.

1. Press **MENU** to open the **OSD** menu. Press **▲▼** to move to the **Setup** menu and press **ENTER**.
2. Select **Auto Switch Off** and press **ENTER**.
3. Press **▲▼** to select **Shutdown**.
4. Press **◀▶** to toggle the setting to **Yes**.
5. Press **▲▼** to select **Delay (min)**.
6. Press **◀▶** to toggle the setting for 1 (minute) or 2 (minutes).
7. Press **▲▼** to select **Back** and press **ENTER** to confirm the setting.



Service Menu

Press **MENU** to open the **OSD** menu. Press **▲▼** to move to the **Service** menu and press **ENTER**. Press **▲▼** to move up and down in the **Service** menu. The **Service** menu items are displayed only.

Image	Video Information	NTSC 60HZ
	Software Version	Ver. 0.007
Advanced	Lamp hour	12h
Install		
Setup		
Service		
Exit: Exit Select: ▲▼ Enter: ↵		

ITEM	DESCRIPTION	DEFAULT
Video Information	Displays the resolution and H/V in PC mode. Displays the color standard of the connected video device.	These items are display only.
Software Version	Information about firmware version.	
Lamp Hours	Number of hours lamp has been in use.	

MAINTENANCE

Cleaning the Projector

Cleaning the projector to remove dust and grime will help ensure trouble-free operation.

Warning:

1. Be sure to turn off and unplug the projector at least an hour before cleaning. Failure to do so could result in a severe burn.
2. Use only a dampened cloth when cleaning. Do not allow water to enter the ventilation openings on the projector.
3. If a little water gets into the projector interior while cleaning, leave unplugged in a well-ventilated room for several hours before using.
4. If a lot of water gets into the projector interior when cleaning, have the projector serviced.

Cleaning the Lens

You can purchase optic lens cleaner from most camera stores. Refer to the following to clean the projector lens.

1. Apply a little optic lens cleaner to a clean soft cloth. (Do not apply the cleaner directly to the lens.)
2. Lightly wipe the lens in a circular motion.

Caution:

1. Do not use abrasive cleaners or solvents.
2. To prevent discoloration or fading, avoid getting cleaner on the projector case.

Cleaning the Case

Refer to the following to clean the projector case.

1. Wipe off dust with a clean dampened cloth.
2. Moisten the cloth with warm water and mild detergent (such as used to wash dishes), and wipe the case.
3. Rinse all detergent from the cloth and wipe the projector again.

Caution:

To prevent discoloration or fading of the case, do not use abrasive alcohol-based cleaners.

TROUBLESHOOTING

Common problems and solutions

These guidelines provide tips to deal with problems you may encounter while using the projector. If the problem remains unsolved, contact your dealer for assistance.

Often after time spent troubleshooting, the problem is traced to something as simple as a loose connection. Check the following before proceeding to the problem-specific solutions.

- Use some other electrical device to confirm that the electrical outlet is working.
- Ensure the projector is turned on.
- Ensure all connections are securely attached.
- Ensure the attached device is turned on.
- Ensure a connected PC is not in suspend mode.
- Ensure a connected notebook computer is configured for an external display. (This is usually done by pressing an Fn-key combination on the notebook.)

Tips for Troubleshooting

In each problem-specific section, try the steps in the order suggested. This may help you to solve the problem more quickly.

Try to pin point the problem and thus avoid replacing non-defective parts. For example, if you replace batteries and the problem remains, put the original batteries back and go to the next step.

Keep a record of the steps you take when troubleshooting: The information may be useful when calling for technical support or for passing on to service personnel.

LED Error Messages

Number of times LED flashes		Condition	Remedy
Power (blue)	Lamp (red)		
3	1	System overheating 1	Allow the projector to cool.
3	3	System overheating 1	
5	1	Lamp error 1	Call the service center.
5	2	Lamp error 2	
5	3	Lamp error 3	
6	1	Fan error 1	Have the projector serviced. (See "Having the Projector Serviced on page 29.")
6	2	Fan error 2	
6	3	Fan error 3	
6	4	Fan error 4	
6	5	Fan error 5	
6	6	Fan error 6	
8	-	DMD error	

Image Problems

Problem: No image appears on the screen

1. Verify the settings on your video source.
2. Turn off all equipment and power up again in the correct order. (See "Starting and Shutting down the Projector" on page 10.)

Problem: The image is blurred

1. Adjust the **Focus** on the projector.
2. Ensure the projector-to-screen distance is within the 10-meter (33-feet) specified range.
3. Check that the projector lens is clean.
4. Make sure the output native resolution from the PC is 1024 x 720 for the Luxor Plus model and 800 x 576 for the Luxor model.

Problem: The image is wider at the top or bottom (trapezoid effect)

1. Position the projector so it is as perpendicular to the screen as possible.
2. Use the Keystone settings in the OSD to correct the problem. (See H/V keystone on the Image Menu (PC) on page 18 and Image Menu (Video) on page 19.)

Problem: The image is reversed or upside down

1. Check the **Projector** setting on the **Install** menu of the OSD.

Problem: The image is flat with no contrast

1. Adjust the **Contrast** setting on the **Image** menu of the OSD.

Problem: The color of the projected image does not match the source image.

1. Adjust the **Color Temp.** and **Gamma** settings on the **Image** menu of the OSD.

Lamp Problems

Problem: There is no light from the projector

1. Check that the power cable is securely connected.
2. Ensure the power source is good by testing with another electrical device.
3. Restart the projector in the correct order and check that the Power LED is green.
4. Have the lamp module replaced.

Problem: The lamp goes off

1. Power surges can cause the lamp to turn off. Press the power button twice to turn off the projector. When the Lamp Ready LED is on, press the power button.
2. Have the lamp module replaced.

Remote Control Problems

Problem: The projector does not respond to the remote control

1. Direct the remote control towards remote sensor on the projector.
2. Ensure the path between remote and sensor is not obstructed.
3. Turn off any fluorescent lights in the room.
4. Check the battery polarity.
5. Replace the batteries.
6. Turn off other Infrared-enabled devices in the vicinity.
7. Have the remote control serviced.

Having the Projector Serviced

If you are unable to solve the problem, you should have the projector serviced. Pack the projector in the original carton. Include a description of the problem and a checklist of the steps you took when trying to fix the problem. The information may be useful to the service personnel. Return the projector to the place you purchased it.

REGULATORY COMPLIANCE

FCC Warning

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 when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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

Canada

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

Safety Certifications

UL, cUL, CB, TUV-GS, CE

Warranty and After-Sales-Service

If a problem occurs with the projector, refer to "Troubleshooting" on page 27 to try to fix the problem. If you still can not solve the problem, contact your dealer or service company for details on warranty conditions.

