

Acer DLP Projector B250i/L350R/LK-F20i/ A1P1901 Series User's Guide

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Acer Projector User's Guide
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Record the model number, serial number, purchase date and place of purchase information in the space provided below. The serial number and model number are recorded on the label affixed to your projector. All correspondence concerning your unit should include the serial number, model number and purchase information.

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Acer Projector

Model number: _____

Serial number: _____

Date of purchase: _____

Place of purchase: _____

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Information for Your Safety and Comfort

Read these instructions carefully. Keep this document for future reference. Follow all warnings and instructions marked on the product.

Turning the product off before cleaning

Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

Caution for plug as disconnecting device

Observe the following guidelines when connecting and disconnecting power to the external power supply unit:

- Install the power supply unit before connecting the power cord to the AC power outlet.
- Unplug the power cord before removing the power supply unit from the projector.
- If the system has multiple sources of power, disconnect power from the system by unplugging all power cords from the power supplies.

Caution for Accessibility

Be sure that the power outlet you plug the power cord into is easily accessible and located as close to the equipment operator as possible. When you need to disconnect power to the equipment, be sure to unplug the power cord from the electrical outlet.



Warnings!

- Do not use this product near water.
- Do not place this product on an unstable cart, stand or table. If the product falls, it could be seriously damaged.
- Slots and openings are provided for ventilation to ensure reliable operation of the product and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface.

This product should never be placed near or over a radiator or heat register, or in a built-in installation unless proper ventilation is provided.

- Never push objects of any kind into this product through cabinet slots 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 onto or into the product.

- To avoid damage of internal components and to prevent battery leakage, do not place the product on a vibrating surface.
- Never use it under sporting, exercising, or any vibrating environment which will probably cause unexpected short current or damage rotor devices.

Using electrical power

- This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- Do not allow anything to rest on the power cord. Do not locate this product where people will walk on the cord.
- If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- Do not overload a power outlet, strip or receptacle by plugging in too many devices. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip's input rating.
- This product's AC adapter is equipped with a three-wire grounded plug. The plug only fits in a grounded power outlet. Make sure the power outlet is properly grounded before inserting the AC adapter plug. Do not insert the plug into a non-grounded power outlet. Contact your electrician for details.



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Warning! The grounding pin is a safety feature. Using a power outlet that is not properly grounded may result in electric shock and/or injury.



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Note: The grounding pin also provides good protection from unexpected noise produced by other nearby electrical devices that may interfere with the performance of this product.

- Use the product only with the supplied power supply cord set. If you need to replace the power cord set, make sure that the new power cord meets the following requirements: detachable type, UL listed/CSA certified, VDE approved or its equivalent, 4.5 meters (14.76 feet) maximum length.

Product servicing

Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.

Unplug this product from the wall outlet and refer servicing to qualified service personnel when:

- the power cord or plug is damaged, cut or frayed
- liquid was spilled into the product
- the product was exposed to rain or water
- the product has been dropped or the case has been damaged
- the product exhibits a distinct change in performance, indicating a need for service
- the product does not operate normally after following the operating instructions



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Note: Adjust only those controls that are covered by the operating instructions, since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal condition.



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Warning! For safety reasons, do not use non-compliant parts when adding or changing components. Consult your reseller for purchase options.

Your device and its enhancements may contain small parts. Keep them out of the reach of small children.

Additional safety information

- Do not look into the projector's lens when the light is on. The bright light may hurt your eyes.



RG2 IEC/EN 62471-5:2015

- Turn on the projector first and then signal sources.
- Do not place the product in the following environments:
 - Space that is poorly ventilated or confined. At least 50cm clearance from walls and free flow of air around the projector are necessary.
 - Locations where temperatures may become excessively high, such as inside of a car with all windows rolled up.
 - Locations where excessive humidity, dust, or cigarette smoke may contaminate optical components, shorten the life span and darken the image.
 - Locations near fire alarms.
 - Locations with an ambient temperature above 40 °C/104 °F.

- Locations where the altitudes are higher than 10000 feet.
- Unplug immediately if there is something wrong with your projector. Do not operate if smoke, strange noise or odor comes out of your projector. It might cause fire or electric shock. In this case, unplug immediately and contact your dealer.
- Do not keep using this product to break or drop it. In this case contact your dealer for inspection.
- Do not face the projector lens to the sun. It can lead to fire.
- When switching the projector off, please ensure the projector completes its cooling cycle before disconnecting power.
- Do not frequently turn off the main power abruptly or unplug the projector during operation. The best way is to wait for the fan to stop before turning main power off.
- Do not touch the air outlet grille and bottom plate which become hot.
- Clean the air filter frequently. The temperature inside may rise and cause damage when the filter/ventilation slots are clogged with dirt or dust.
- Do not look into the air outlet grille when projector is operating. It may hurt your eyes.
- Always open the lens shutter or remove the lens cap when the projector is on.
- Do not block the projector lens with any object when the projector is under operation as this could cause the object to become heated and deformed or even cause a fire.
- Do not attempt to disassemble this projector. There are dangerous high voltages inside which may hurt you.
- Do not stand the projector on end vertically. It may cause the projector to fall over, causing injury or damage.
- The projector should be placed in a horizontal way by means of desktop mode only, and its tilt angles should not exceed 6 degrees, otherwise it would cause dramatical decrease of lamp life or severe safety concern of system malfunction.



Caution for Listening

To protect your hearing, follow these instructions.

- Increase the volume gradually until you can hear clearly and comfortably.
- Do not increase the volume level after your ears have adjusted.
- Do not listen to music at high volumes for extended periods.
- Do not increase the volume to block out noisy surroundings.
- Decrease the volume if you can't hear people speaking near you.

Disposal instructions

Do not throw this electronic device into the trash when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle. For more information on the Waste from Electrical and Electronics Equipment (WEEE) regulations, visit <http://www.acer-group.com/public/Sustainability/index.htm>



First Thing First

Usage Notes

Do:

- Turn off the product before cleaning.
- Use a soft cloth moistened with mild detergent to clean the display housing.
- Disconnect the power plug from AC outlet if the product is not being used for a long period of time.

Don't:

- Block the slots and openings on the projector provided for ventilation.
- Use abrasive cleaners, waxes or solvents to clean the unit.
- Use under the following conditions:
 - In extremely hot, cold or humid environments.
 - In areas susceptible to excessive dust and dirt.
 - Near any appliance that generates a strong magnetic field.
 - Place in direct sunlight.

Precautions

Follow all warnings, precautions and maintenance as recommended in this user's guide to maximize the life of your unit.



Warning:

- Do not look into the projector's lens when the light is on. The bright light may hurt your eyes.
- To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.
- Please do not open or disassemble the product as this may cause electric shock.
- When switching the projector off, please ensure the projector completes its cooling cycle before disconnecting power.
- Turn on the projector first and then the signal sources.
- Do not use lens cap when projector is in operation.

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Introduction

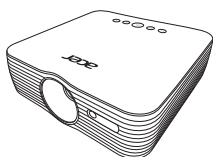
Product Features

This product is a single-chip DLP® projector, including the following outstanding features:

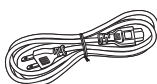
- DLP® technology
- Native 1920 x 1080 full HD resolution
- Compact size projector facilitates business purposes and home entertainment
- Versatile display modes enable optimum performance in any situation
- Acer EcoProjection Technology delivers Intelligent power management approach and physical efficiency improvement
- Advanced keystone correction delivers optimum presentations
- Multi-language Onscreen Display (OSD) menus
- Auto focus projection lens
- Microsoft® Windows® 10, Macintosh OS, Chrome OS compliant
- LumiSense supported
- Supports BT audio speaker
- Built-in two 5 Watts speakers

Package Overview

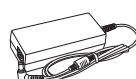
This projector comes with all the items shown below. Check to make sure you have them all. Contact your dealer immediately if any thing is missing.



Projector



Power cord



Power adaptor



Wireless dongle (UWA5)



HDMI cable



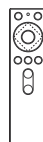
Acer Projector Multi-media
(CD-ROM)



User's guide (CD-ROM)



Quick start guide



Remote control



Batteries



Carrying case

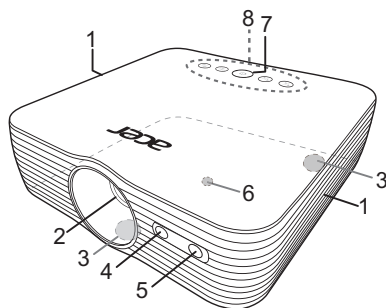


Note: The package content may differ by regions.

Projector Overview

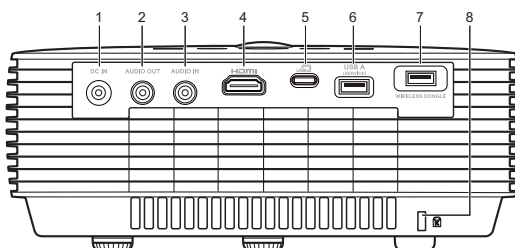
Projector Outlook

Front/upper side



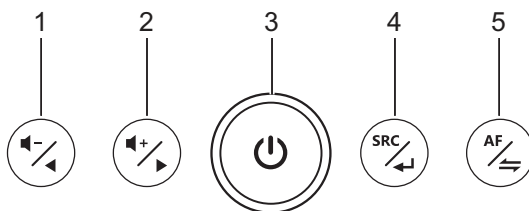
#	Description	#	Description
1	Speakers	5	Remote control receiver
2	Projection lens	6	Tripod mounting hole
3	Tilt adjusting wheels	7	Power button
4	Auto focus receiver	8	Control panel

Rear side



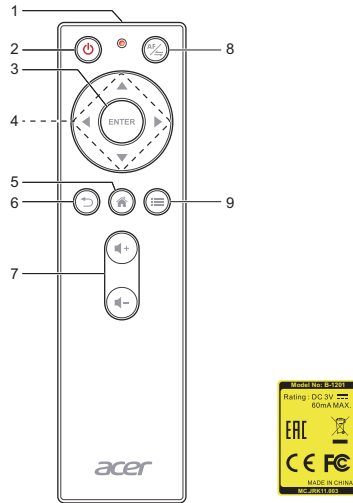
#	Description	#	Description
1	Power socket	5	USB-C connector
2	Audio output connector	6	USB-A (service)
3	Audio input connector	7	USB-A (for wireless dongle)
4	HDMI connector	8	Kensington™ lock port

Control Panel



#	Function	Description
1	◀- (Volume down)	Decreases the volume when the Onscreen Display (OSD) menu is off.
	◀ (Left)	Selects items or makes adjustments to your selection when the OSD is on.
2	▶+ (Volume up)	Increases the volume when the OSD is off.
	▶ (Right)	Selects items or makes adjustments to your selection when the OSD is on.
3	POWER indicator LED	Refer to the "Turning the Projector On/Off" section.
	Power key	
4	SRC (Source)	Display the Home OSD when the OSD is off.
	↵ (Enter)	Confirms your selection when the OSD is on.
5	AF (Auto Focus)	Automatically adjusts the focus. Long press for 3 seconds to enter music mode. Press Power key or AF / ⇌ to exit music mode.
	⇌ (Music)	

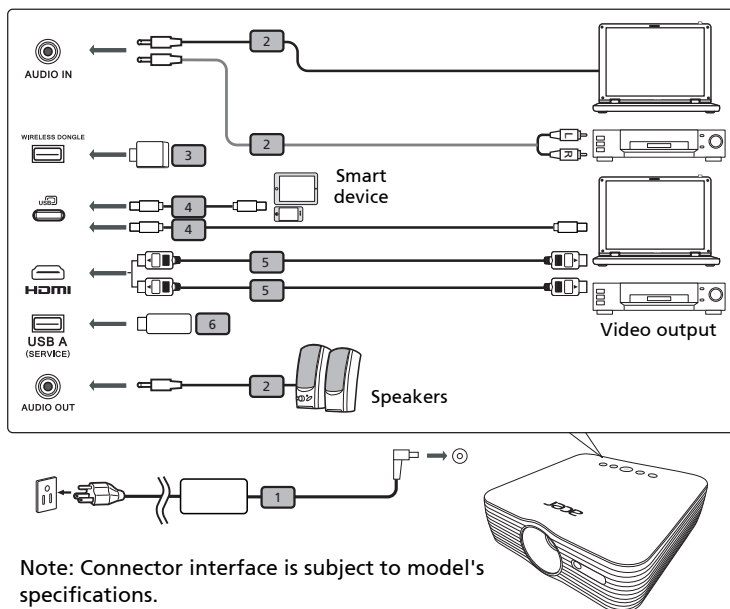
Remote Control Layout



#	Function	Description
1	Infrared transmitter	Sends signals to the projector.
2	POWER	Refer to the "Turning the Projector On/Off" section.
3	ENTER	Confirms your selection.
4	 Four directional selection keys	Selects items or makes adjustments to your selection.
	◀ / ▶ (Focus- / Focus+)	Adjusts the focus when the focus pattern appears.
5	🏠 (HOME)	Goes to home screen.
6	↶ (BACK)	Cancels your selection, or goes back to previous page.
7	🔊- (Volume down)	Decreases the volume.
	🔊+ (Volume up)	Increases the volume.
8	AF (Auto Focus)	Automatically adjusts the focus. Long press for 3 seconds to enter music mode. Press Power key or AF / 🎵 to exit music mode.
	🎵 (Music)	
9	☰ (Quick OSD)	Launches the quick OSD menu, or exits the quick OSD menu. The quick OSD menu contains some of the frequently used menu functions, such as Projection Location, Display Mode, etc.

Getting Started

Connecting the Projector



#	Description	#	Description
1	Power cord	4	USB Type-C cable
2	Audio cable	5	HDMI cable
3	Wireless dongle	6	USB drive

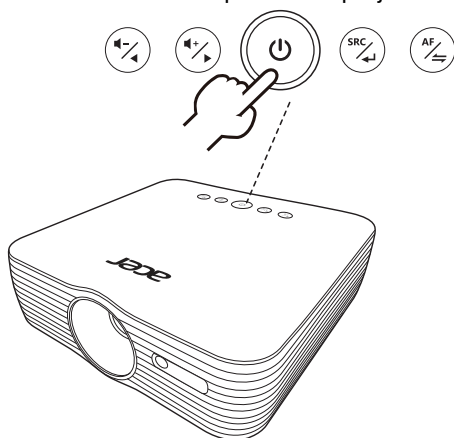


Note: To ensure the projector works well with your computer, please make sure the timing of the display mode is compatible with the projector.

Turning the Projector On/Off

Turning On the Projector

- 1 Ensure that the power cord and signal cable are securely connected.
The Power LED will light red.
- 2 Turn on the projector by pressing  (POWER) on the control panel or remote control, and the Power indicator LED will turn blue.
- 3 See "User Controls" on how to operate the projector.



Turning Off the Projector

- 1 To turn the projector off, press the power button. A confirmation message appears. Confirm to proceed if you wish to turn the projector off.
- 2 The LED Power indicator will turn solid red to indicate standby mode.
- 3 It is now safe to unplug the power cord.



Warning indicators:

- **"Projector Overheat."**
This onscreen message indicates that the projector has overheated. The lamp will automatically turn off, the projector will automatically shut down, and the LED Temp indicator will turn solid red. Contact your local dealer or service center.
- **"Fan Fail."**
This onscreen message indicates that the fan has failed. The lamp will automatically turn off, the projector will automatically shut down, and the LED Temp indicator will blink. Contact your local dealer or service center.



Note: Whenever the projector automatically shuts down and the LED Temp indicator turns solid red, contact your local reseller or service center.

Adjusting the Projected Image

Adjusting the Height of the Projected Image

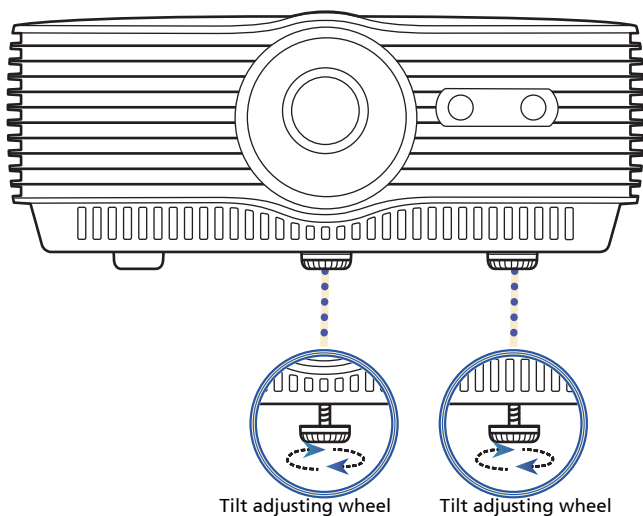
The projector is equipped with two elevator feet for adjusting the image height.

To raise the image:

- 1 Use the front Tilt adjusting wheel to raise the image to the desired height and angle.
- 2 Use the rear Tilt adjusting wheel to fine-tune the display angle.

To lower the image:

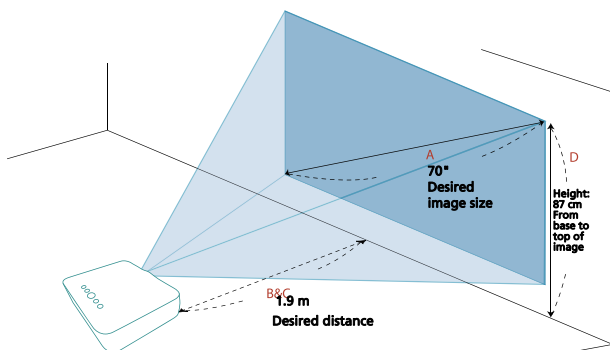
- 1 Use the front Tilt adjusting wheel to lower the image to the desired height angle.
- 2 Use the rear Tilt adjusting wheel to fine-tune the display angle.



How to Get a Preferred Image Size by Adjusting Distance and Zoom

The table below shows how to achieve a desired image size by adjusting either the position or the zoom ring.

To obtain an image size of 70" set the projector at a distance 1.9 m from the screen.

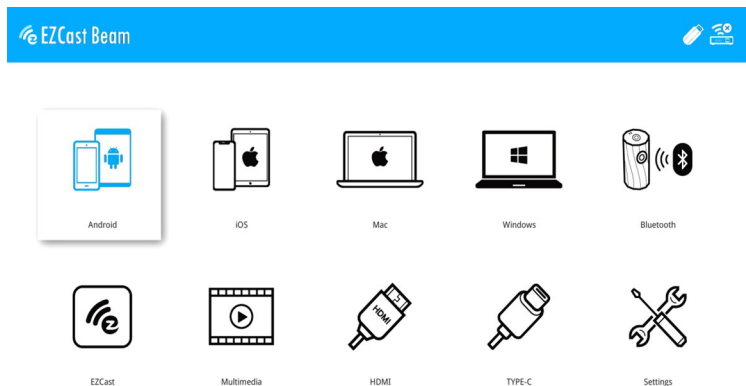


Desired Image Size		Distance (m)		Top (cm)
Diagonal (inch) < A >	W (cm) x H (cm)	Max zoom < B >	Min zoom < C >	From base to top of image < D >
30	66 x 37	0.8	0.8	37
40	89 x 50	1.1	1.1	50
50	111 x 62	1.4	1.4	62
60	133 x 75	1.6	1.6	75
70	155 x 87	1.9	1.9	87
80	177 x 100	2.2	2.2	100
90	199 x 112	2.4	2.4	112
100	221 x 125	2.7	2.7	125
120	266 x 149	3.2	3.2	149
150	332 x 187	4.1	4.1	187
180	398 x 224	4.9	4.9	224
200	443 x 249	5.4	5.4	249
250	553 x 311	6.8	6.8	311
300	664 x 374	8.1	8.1	374

Zoom Ratio: 1.0 x

User Controls

Home screen



The home screen provides a variety of settings such as selecting an input signal, playing multi-media files from different kinds of storage devices, and projecting contents from your smart devices.

Basic home screen operations

- 1 After turning on the projector, the home screen displays.
- 2 Use ▲/▼/◀/▶ to select an item in the home screen.
- 3 After selecting the desired home screen item, press ◀ "ENTER" to enact it or enter a submenu.
- 4 No matter where you are, you can always press 🏠 (HOME) to return to the home screen.

The home screen includes the following modes:

- Android: provides Plug and Play, Google Home screen mirroring and wireless display functions for Android devices.
- iOS: provides Plug and Play and wireless screen mirroring functions for iOS devices.
- Mac: provides Plug and Play and wireless AirPlay functions for Mac OS systems.
- Windows 10: provides Plug and Play and wireless display functions for Windows OS systems.

- Bluetooth: allows the projector which serves as a bluetooth speaker to be found by your computer or smart device.
- EZCast: shares content or mirrors screen from Windows, Mac, Chromebook, Android, iOS device via WiFi with EZCast app installed.
- Multimedia: allows you to browse media files stored in USB disk via the USB A connector.



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Note: The above modes/functions require additional menu operations or app. See Acer Projector Multi-media (CD-ROM) for details.

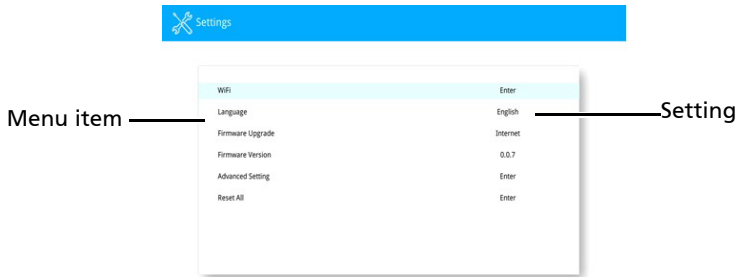
- HDMI: chooses HDMI source input via the HDMI connector.
- TYPE-C: chooses TYPE-C source input via the USB (type-c) connector.
- Settings: allows you to make image adjustments and change a variety of settings for this projector.

Onscreen Display (OSD) Menus

The projector has multilingual Onscreen Display (OSD) menus that allow you to make image adjustments and change a variety of settings.

Using the OSD menus

- To open the OSD menu, use ▲/▼/◀/▶ to select "Settings" in the home screen.
- Press ↵ "ENTER" to enact it.
- When the OSD is displayed, use ▲/▼ to select the desired item and adjust the settings by using ◀/▶ or press ↵ "ENTER" to enter the submenu.
- Select the next item to be adjusted and adjust as described above.
- Press ⏮ (BACK) to go back to previous page.
- To exit the OSD menu, press ⏮ (BACK) on the remote control. It will return to the home screen and the projector will automatically save the new settings.



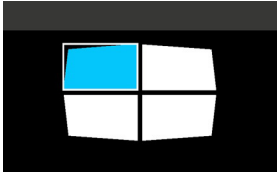
Note: Some of the following OSD settings may not be available. Please refer to the actual OSD of your projector.

WiFi	Setting • Enable WiFi: The default value is "On". Choose "On" to enable the WiFi connection. • Reset: Choosing "OK" returns the display parameters on this menu to the factory default settings.
	Advanced • Internet: Displays the available AP list. Select one AP router to connect for Internet access. • Password: Displays the WiFi password of this projector. • iOS Default Mode: Sets the default mode when performing wireless projection using an iOS device. • Device Name (SSID): Displays the device name of this projector.
Language	Sets a language for the OSD menus. Use ◀/▶ to select your preferred language.

Firmware Upgrade	- Internet: - Connect the projector to the internet via WiFi. - Press  "ENTER" after selecting "Internet" and the projector will automatically search for the latest firmware version available. - Select YES when the projector pops out a message to remind you that there is a new firmware version for you. ----- Do not turn off the projector while the firmware is updating. - USB: - Go to Acer Worldwide website and select "Drivers and Manuals" from "Support" or "Service". Download new firmware files by one compressed file. - Copy all uncompressed files in a USB flash drive and plug in the projector. - Press  "ENTER" after selecting "USB" and the projector will automatically search for the latest firmware version available. - Select YES when the projector pops out a message to remind you that there is a new firmware version for you. ----- Make sure that the Type-C cable is unplugged (if applicable) before and during firmware update. ----- Do not turn off the projector while the firmware is updating.
Firmware Version	Displays current firmware version.
Advanced Setting	Projection Location  Front: The factory default setting.  Rear: Reverses the image so you can project from behind a translucent screen.

Advanced Setting	Display Mode There are many factory presets optimized for various types of images. - Bright: For brightness optimization. - Standard: For common environment. - Video: For playing video in a dark environment. - Game: For game content. - Football: For sport picture. - User 1/User 2: Memorize user's settings.
	LumiSense The projector can intelligently optimizes the brightness and color saturation of projected image. The feature greatly enhances dark detail visibility and color saturation. - Off: For normal mode. - Normal: For enhancing the details in the dark area. - Boost: For boosting brightness of the projected image.  LumiSense function is unavailable when 3D is set to "On"
	Brightness Adjusts the brightness of the image. - Press ◀ to darken the image. - Press ▶ to lighten the image.
	Contrast Controls the degree of difference between the lightest and darkest parts of the picture. Adjusting the contrast changes the amount of black and white in the image. - Press ◀ to decrease the contrast. - Press ▶ to increase the contrast.
	Saturation Adjusts a video image from black and white to fully saturated colors. - Press ◀ to decrease the amount of color in the image. - Press ▶ to increase the amount of color in the image.
	Sharpness Adjusts the sharpness of the image. - Press ◀ to decrease the sharpness. - Press ▶ to increase the sharpness.

Advanced Setting	Color Temperature Adjusts the color temperature. • High/Middle/Low: At higher color temperatures, the screen looks colder; at lower color temperatures, the screen looks warmer. • User: Adjusts the red, green, blue, cyan, yellow and magenta colors. - R Gain/G Gain/B Gain: Adjusts the color balance at or near the white point. - R Offset/G Offset/B Offset: Adjusts the color balance at or near the black point.
	Reset Color Settings Choosing "OK" returns the display parameters on the color settings to the factory default settings.
	HDMI Color Range Adjusts the color range of the HDMI image data to prevent color display error. • Auto: Automatically adjusts the color range by information from the player. • Limited Range: Processes the input image as limited color range data. • Full Range: Processes the input image as full color range data.
	Keystone • Auto V Keystone: Automatically adjusts image distortion caused by tilting projection. • V. Keystone/H. Keystone: Manually adjusts image distortion caused by tilting projection    ----- This function is unavailable when Auto Keystone is set to "On".

Advanced Setting	4 Corner Correction Manually adjusts the shape and size of an image that is unevenly rectangular on all sides. Press ▲/▼/◀/▶ to select the corner that you wish to adjust. Press four directional selection keys to adjust the image shape.   ----- Please adjust 4-corner correction separately for each aspect ratio, and its memory is allowed to save 4 sets of settings only.
	3D Format If the 3D content is not displayed correctly, you can select a 3D format that suits the 3D content you are viewing and obtain the best result.
	3D L/R Invert If you see a discrete or overlapping image while wearing DLP 3D glasses, you may need to execute "Invert" to get best match of left/right image sequence to get the correct image (for DLP 3D).
	Audio Mode • Mode: There are several factory-preset sound modes optimized for different audio categories. • Treble: Adjusts treble level. • Bass: Adjusts bass level.
	Volume • Press ◀ to decrease the volume. • Press ▶ to increase the volume.
	ECO Mode Choose "On" to dim the projector LED brightness, which will also lower the power consumption, reduce noise, and extend the LED life. Choose "Off" to return to the normal mode.
	High Altitude Choose "On" to turn on the High Altitude mode. When this function is turned on, the projector fans operate at full speed continuously to cool down the projector's temperature.

Reset All	Choosing "Yes" returns the display parameters on all menus to the factory default settings.
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Note: "HDMI Color Range" and "HDMI Scan Info" are only available when the input signal is HDMI.



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Note: Supported 3D signal timings:

Signal source type	Supported timing			
	Side by Side Half	Top and Bottom	Frame Packing	Frame Sequential
HDMI (PC mode)	640 x 480@60Hz, 800 x 600@60Hz, 1024 x 768@60Hz, 1280 x 720@60Hz, 1280 x 800@60Hz, 1280 x 768@60Hz, 1280 x 1024@60Hz, 1280 x 960@60Hz, 1440 x 900@60Hz, 1920 x 1200@60Hz, 1680 x 1050@60Hz, 1600 x 1200@60Hz, 1920 x 1080 (1080p)@60Hz, 1920 x 1200@60Hz (RB)			640 x 480@60/120Hz, 800 x 600@60/120Hz, 1024 x 768@60/120Hz, 1280 x 768@60Hz, 1280 x 720@60/120Hz, 1280 x 1280 x 800@60Hz/120Hz-RB
HDMI (Video mode)	480i@60Hz, 480p@59.94Hz, 720p@60Hz, 1080i@50/60Hz, 1080p@50/59.94/60Hz	480i@60Hz, 480p@59.94Hz, 720p@50/60Hz, 1080i@60Hz, 1080p@24/50/59.94/60Hz	720p@50/60Hz, 1080p@24Hz	480i@60/120Hz, 480p@59.94Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz

It needs correct settings on graphics card 3D application program for correct 3D display.

The SW players, such as Stereoscopic Player and DDD TriDef Media Player can support 3D format files. You can download these players on the web page below.

- Stereoscopic Player (Trial): http://www.3dtv.at/Downloads/Index_en.aspx
- DDD TriDef Media Player (Trial): <http://www.tridef.com/download/TriDef-3-D-Experience-4.0.2.html>



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Note: "3D L/R Invert" and "3D Format" are only available when "3D" is enabled.

Appendices

Troubleshooting

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

Image Problems and Solutions

#	Problem	Solution
1	No image appears onscreen	• Make sure all the cables are correctly connected as described in the "Getting Started" section. • Ensure none of the connector pins are bent or broken. • Make sure the projector is switched on.
2	Partial, scrolling or incorrectly displayed image (For PC)	• For an incorrectly displayed image: • Open "My Computer > Control Panel," and then double-click the "Display" icon. • Select the "Settings" tab. • Verify that your display resolution setting is lower than or equal to 1600 x 1200 or 1920 x 1080. • Click the "Advanced Properties" button. • If the problem still appears, change the monitor display you are using and follow the steps below: • Verify that the resolution setting is lower than or equal to 1600 x 1200 or 1920 x 1080. • Click the "Change" button under the "Monitor" tab. • Click "Show all devices > Standard monitor types" under the SP box, and choose the resolution mode you need under the "Models" box. • Verify that the resolution setting of the monitor display is lower than or equal to 1600 x 1200 or 1920 x 1080.

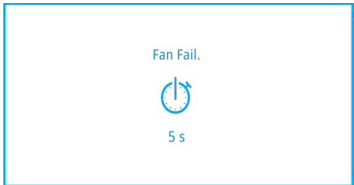
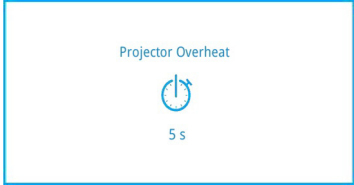
3	Partial, scrolling or incorrectly displayed image (For notebooks)	- For an incorrectly displayed image: - Follow the steps for item 2 (above) to adjust the resolution of your computer. - Press the toggle output settings. Example: [Fn]+[F4], Compaq [Fn]+[F4], Dell [Fn]+[F8], Gateway [Fn]+[F4], IBM [Fn]+[F7], HP [Fn]+[F4], NEC [Fn]+[F3], Toshiba [Fn]+[F5] - If you experience difficulty changing resolutions or your monitor freezes, restart all equipment including the projector.
4	The screen of the notebook computer is not displaying your presentation	- If you are using a Microsoft® Windows® based notebook: Some notebook PCs may deactivate their own screens when a second display device is in use. Each has a different way to be reactivated. Refer to your computer's manual for detailed information. - If you are using an Apple® Mac® OS based notebook: In System Preferences, open Display and select Video Mirroring "On."
5	Image is unstable or flickering	Change the display color setting on your computer.
6	Image has vertical flickering bar	Check and reconfigure the display mode of your graphics card to make it compatible with the projector.
7	Image is out of focus	- Press AF (Auto Focus) to adjust the focus. - Make sure the projection screen is within the required distance. Refer to the "How to Get a Preferred Image Size by Adjusting Distance and Zoom" section for more information.
8	Image is stretched when displaying a "widescreen" DVD title	When you play a DVD encoded in anamorphic or 16:9 aspect ratio you may need to adjust the following settings: - If you play a 4:3 format DVD title, please change the format to 4:3 with the projector OSD. - If the image is still stretched, you will also need to adjust the aspect ratio. Set up the display format to 16:9 (wide) aspect ratio on your DVD player.
9	Image is too small or too large	Move the projector closer to or further from the screen.

10	Image has slanted sides	- If possible, reposition the projector so that it is centered on the screen and below the bottom of the screen. - Select "Setting" from the home screen to open the OSD menu. Go to "Advanced Setting" > "Keystone" > to make adjustments.
11	Image is reversed	Select "Setting" from the home screen to open the OSD menu. Go to "Advanced Setting" > "Projection Location" to adjust the projection direction.

Problems with the Projector

#	Condition	Solution
1	The projector stops responding to all controls	If possible, turn off the projector, then unplug the power cord and wait at least 30 seconds before reconnecting power.

OSD Messages

#	Condition	Message Reminder
1	Message	Fan Fail - the system fan is not working.  Projector Overheat - the projector has exceeded its recommended operating temperature and must be allowed to cool down before it is used. Please also check the dust filters if they are installed. If the dust filter is clogged with dust, please clean it. 

LED & Alarm Definition Listing

LED Messages

Message	Power LED	
	Red	Blue
Standby (Power cord plugged in)	V	--
Power on	--	V
Light retry	--	Quick flashing
Firmware download	Flashing	Flashing
Error (Thermal failure)	V	Quick flashing
Error (Fan lock failure)	Quick flashing	Quick flashing
Error (Panel controller system fail)	Quick flashing	V
Turning off (Cooling completed)	V	--
Error (Standby)	V	V
BT connect status	Quick flashing	--

Specifications

The specifications below are subject to change without notice. For final specs, please refer to Acer's marketing documentation.

Projection system	DLP™
Resolution	1080p
Computer compatibility	Refer to the "Compatibility Modes" section for more information.
Displayable colors	16.7 million colors
Weight	Approximate 1.45 kg (3.2 lbs.)
Dimensions (W x D x H)	205 x 204 x 78 mm (8.07" x 8.03" x 3.07") 205 x 204 x 84 mm (8.07" x 8.03" x 3.31") (with tilt adjusting wheels)
Power supply	Universal AC input 100 - 240 V, input frequency 50/60 Hz, DC input 19V $\pm$ 4.74A
Operating temperature	0°C to 40°C / 32°F to 104°F
Standard package contents	• Power adapter x 1 • Power cord x 1 • HDMI cable x 1 • Acer Projector Multi-media (CD-ROM) x 1 • Remote control x 1 • Battery x 2 (for the remote control) • User's guide (CD-ROM) x 1 • Quick start guide x 1 • Wireless dongle (UWA5) x 1 • Carrying case x 1

B250i/L350R/LK-F20i

Resolution	1080p
Aspect ratio	N/A
Projection lens	F = 1.7 mm, f=9.251 mm Auto (electric-driven) Focus and Manual Focus (only via remote control)
Projection screen size (diagonal) with clear focus	18.5" (47 cm) - 300" (762 cm)
Projection distance with clear focus	1.6' (0.5 m) - 26.6' (8.1 m)
Throw ratio	74"±6% @ 2 m (1.23)
Horizontal scan rate	15 - 102 KHz
Vertical refresh scan rate	23 - 120 Hz
Keystone correction	+/-30 Degrees (Vertical) , +/-10 (Horizontal), Manual & Auto
Audio	5W x 2
Power consumption (typical)	Normal mode: 60 W at 110VAC ECO mode: 50 W at 110VAC Standby < 0.5 W

I/O connectors	B250i/L350R/LK-F20i
Power socket	V
USB A (Wireless Dongle)	V
USB Type A (Service)	V
AUDIO IN	V
AUDIO OUT	V
HDMI	V
USB Type C	V

* Design and specifications are subject to change without notice.

Compatibility Modes

1 HDMI - PC Signal

Mode	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
VGA_60	640 x 480	59.939	31.468
VGA_72		72.808	37.86
VGA_75		75	37.5
VGA_85		85.008	43.269
VGA_120		119.517	61.91
SVGA_56	800 x 600	56.25	35.156
SVGA_60		60.315	37.878
SVGA_72		72.186	48.076
SVGA_75		75	46.875
SVGA_85		85.06	53.673
SVGA_120		119.853	77.425
XGA_60	1024 x 768	60.004	48.363
XGA_70		70.069	56.476
XGA_75		75.028	60.022
XGA_85		84.996	68.677
XGA_120		119.804	98.958
SXGA_70	1152 x 864	70	63
SXGA_75		75	67.5
SXGA_85		84.998	77.093
SXGA_60	1280 x 1024	60.02	63.981
SXGA_72		71.99	77.893
SXGA_75		75.024	79.976
SXGA_85		85.023	91.145
QuadVGA_60	1280 x 960	60	60
QuadVGA_75	1280 x 960	75	75
SXGA+_60	1400 x 1050	59.978	65.316
UXGA_60	1600 x 1200	60	75

WXGA_60	1280 x 768	59.87	47.776
WXGA_75		74.892	60.288
WXGA_85		84.837	68.633
WXGA_60	1280 x 720	60	45
WXGA_120	1280 x 720	119.857	92.889
WXGA_60	1280 x 800	59.81	49.702
WXGA_120-RB	1280 x 800	119.908	101.562
WXGA+_60	1440 x 900	59.887	55.934
WXGA+_60	1920 x 1200	59.95	74.038
1680x1050_60	1680 x 1050	59.954	65.29
1366x768_60	1366 x 768	59.789	47.712
1920x1080_RB	1920 x 1080	59.933	66.586
1920x1200-RB	1920 x 1200	59.95	74.038

2 HDMI - Video Signal

Mode	Resolution	V.Frequency [Hz]	H.Frequency [KHz]
480i	720 x 480 (1440 x 480)	59.939	15.4
480p	720 x 480	59.939	31.468
576i	720 x 576 (1440 x 576)	50	15.63
576p	720 x 576	50	31.25
720p	1280 x 720	60	45.00
720p	1280 x 720	50	37.50
1080i	1920 x 1080	60	33.75
1080i	1920 x 1080	50	28.125
1080p	1920 x 1080	60	67.50
1080p	1920 x 1080	50	56.26
1080p	1920 x 1080	24	27.00
1080p	1920 x 1080	23.975	26.972

3 Type C

Resolution	Mode	Refresh rate (Hz)	H-frequency (kHz)	Clock (MHz)	Aspect Ratio
800 x 600	SVGA_60	60.32	37.88	40	4:3

1024 x 768	XGA_60	60	48.36	65	4:3
1280 x 960	SXGA-	60	60	108	4:3
1600 x 1200	UXGA_60	59.87	74.54	161	4:3
1680 x 1050	WSXGA+	59.95	65.29	146.25	16:10
1920 x1080	FHD	50	56.25	148.5	16:9
1920 x1080	FHD	60	67.5	148.5	16:9

Regulations and safety notices

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.

Notice: Peripheral devices

Only peripherals (input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this equipment. Operation with non-certified peripherals is likely to result in interference to radio and TV reception.

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.

Remarque 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

Acer hereby, declares that this projector series is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Compliant with Russian/Ukraine/Belarus regulatory certification



Radio device regulatory notice



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Note: The regulatory information below is for models with wireless LAN and/or Bluetooth only.

General

This product complies with the radio frequency and safety standards of any country or region in which it has been approved for wireless use. Depending on configurations, this product may or may not contain wireless radio devices (such as wireless LAN and/or Bluetooth modules).

Canada — Low-power license-exempt radio communication devices (RSS-247)

- a Common information
Operation is subject to the following two conditions:
 - 1. This device may not cause interference, and
 - 2. This device must accept any interference, including interference that may cause undesired operation of the device.
- b Operation in 2.4 GHz band
To prevent radio interference to the licensed service, this device is intended to be operated indoors and installation outdoors is subject to licensing.

List of applicable countries

This device must be used in strict accordance with the regulations and constraints in the country of use. For further information, please contact a local office in the country of use. Please see <http://ec.europa.eu/enterprise/rte/implem.htm> for the latest country list.



Acer Incorporated
8F, 88, Sec. 1, Xintai 5th Rd., Xizhi
New Taipei City 221, Taiwan

Declaration of Conformity

We,

Acer Incorporated

8F, 88, Sec. 1, Xintai 5th Rd., Xizhi, New Taipei City 221, Taiwan

And,

Acer Italy s.r.l

Viale delle Industrie 1/A, 20020 Arese (MI), Italy

Tel: +39-02-939-921, Fax: +39-02-9399-2913

www.acer.it

Product: Projector

Trade Name: Acer

Model Number: A1P1901

Marketing Name: B250i/L350R/LK-F20i

We, Acer Incorporated, hereby declare under our sole responsibility that the product described above is in conformity with the relevant Union harmonization legislations as below Directive and following harmonized standards and/or other relevant standards have been applied:

EMC Directive: 2014/30/EU

☒ EN 55032:2015+AC:2016, Class B
☒ EN 55024:2010+A1:2015

☒ EN 61000-3-2:2014
☒ EN 61000-3-3:2013

LVD Directive: 2014/35/EU

☒ EN 60950-1:2006/A11:2009/A12:2011/A2:2013, EN62368-1:2014 +A11

RoHS Directive: 2011/65/EU

☒ EN 50581:2012

ErP Directive: 2009/125/EC

☐ Regulation (EU) No. 617/2013
☒ Regulation (EC) No. 1275/2008; EN 50564:2011

☐ Regulation (EC) No. 278/2009; EN 50563:2011

Year to begin affixing CE marking 2020.

RU Jan/Sr. Manager
Acer Incorporated (Taipei, Taiwan)

Feb. 1, 2020

Date



Acer America Corporation

333 West San Carlos St.,

Suite 1500

San Jose, CA 95110

U. S. A.

Tel: 254-298-4000

Fax: 254-298-4147

www.acer.com



Federal Communications Commission Declaration of Conformity

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.

The following local Manufacturer /Importer is responsible for this declaration:

Product:	DLP Projector
Model Number:	A1P1901 series
Name of Responsible Party:	Acer America Corporation
Address of Responsible Party:	333 West San Carlos St. Suite 1500 San Jose, CA 95110 U. S. A.
Contact Person:	Acer Representative
Phone No.:	254-298-4000
Fax No.:	254-298-4147