ARTOGRAPH

INSPIRE 1200

Art Projector

FULL HD
Native Resolution 1080P
LITHIUM ION BATTERY

User Guide

Caution! ⚠️

WARNING: Please use this product as instructed. Misuse may cause injury or death.

DO NOT use while driving.

DO NOT expose to water or wet surfaces. Electric shock may occur.

DO NOT expose the projected LED image to your eyes or the eyes of others.

DO NOT block or restrict airflow from ventilation holes as this may cause the projector to overheat.

Keep the projector, battery, and charger away from any heat sources.

Caution for Battery Use

DO NOT pierce or puncture the battery with sharp objects.

DO NOT heat the product or expose it to high temperature.

DO NOT wet it or place it in any liquid.

Caution for Headphone Use

Prolonged use at high volume may impair your hearing.

High volume during walking or driving may cause distractions and result in injury or death.

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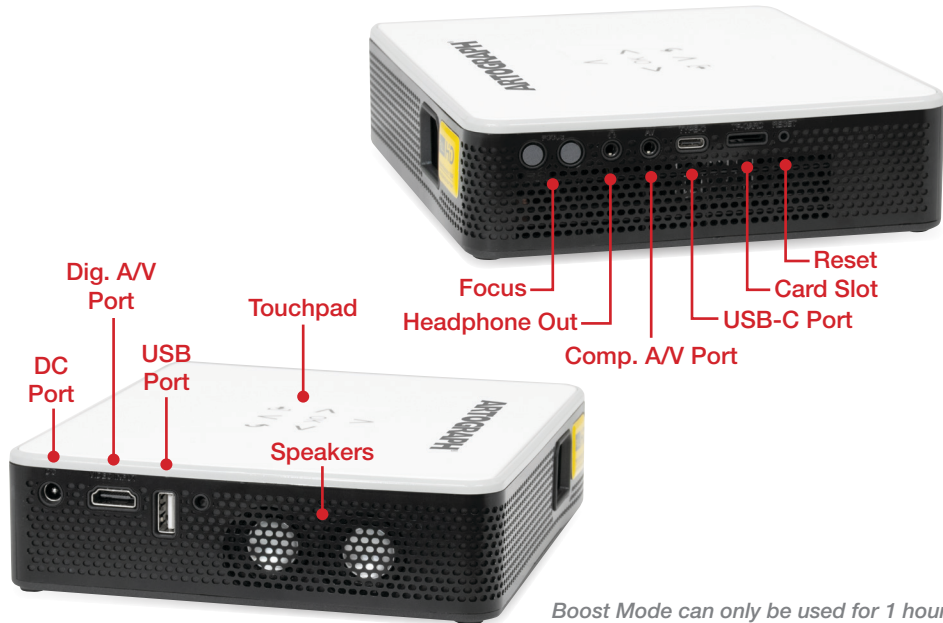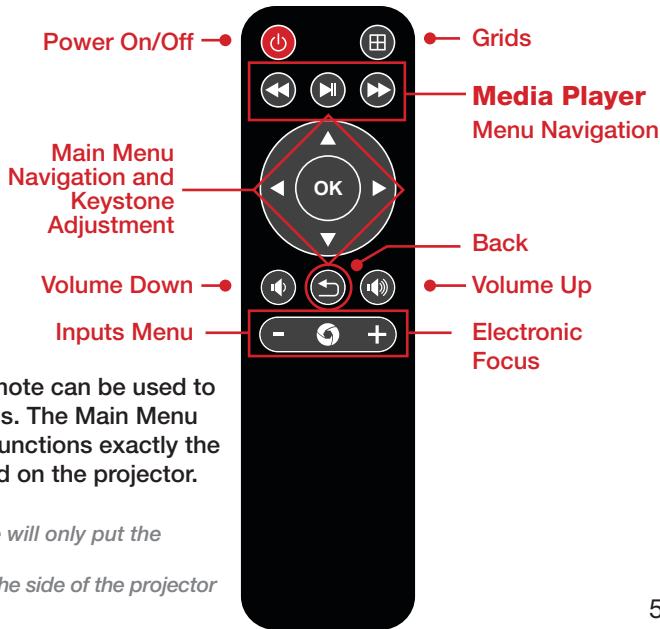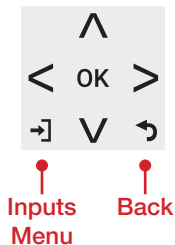
Both the touchpad and remote can be used to navigate through the menus. The Main Menu Navigation on the remote functions exactly the same as the directional pad on the projector.

Pressing power on the remote will only put the projector in STANDBY mode.
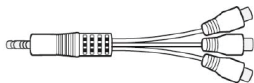*Toggle the ON/OFF switch on the side of the projector to fully turn the projector off.*
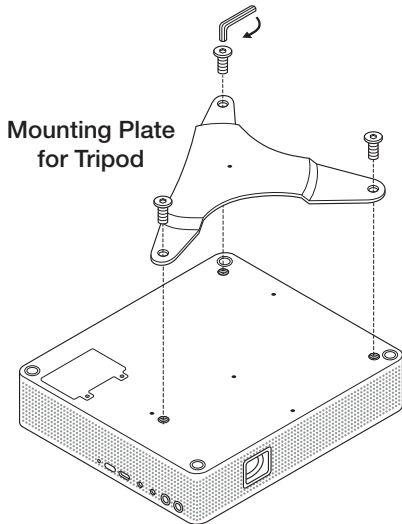
Included Accessories

Power Cord

A/V Cable

Remote

Mounting Plate for Tripod

Under various circumstances, the actual accessories may be different from those shown in the pictures above.

Powering On/Off

Powering the projector ON
1. Connect the power cord to the projector.
2. Connect the other end of the power cord into the wall power source.
3. Toggle the **Power Switch** on the side of the projector to the **ON** position – the projector should automatically turn on.
3. If the projector does not automatically turn on with the power switch, press the Power On/Off button on the remote to start the projector.

Standby Mode
1. To transition to "STANDBY" mode, press the power button on the remote.
2. The optical engine should power off and the fan should stop spinning. A red LED light is on indicating that the projector is in standby mode. The projector is now in "STANDBY" mode and can be turned on using the remote.
   *Note: Standby Mode will still consume a small amount of power.

Powering the projector OFF
1. To turn off the projector, toggle the **Power Switch** to the **OFF** position. This will fully turn off the projector.

Focus Adjustment / Throw Distance

Focus Adjustment
To adjust the focus of the projector, press the + or - buttons on the remote or use the focus buttons on the side of the projector.

Throw Distance	Diagonal Size
20"	19"
30"	29"
40"	38"
50"	48"
60"	57"
70"	67"
80"	76"
90"	86"

Throw Ratio 1.20
Projection Angle: 100% Offset

DIAGONAL SCREEN SIZE

16:9 Aspect Ratio

Minimum throw distance: 6 inches
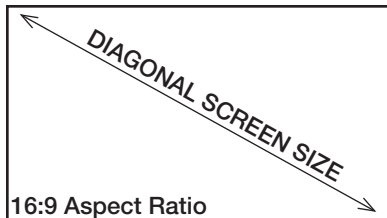
Connecting Speakers/Headphones

Step 1: Connect your speakers/headphones to the projector's audio port.
Step 2: Ensure that the projector and/or the headphones are powered on.
Step 3: Place the headphones on and enjoy!

Headphones/
Speakers

CAUTION: Prolonged use of headphones at a high volume may impair hearing

Loading External Content

The projector can read files directly from both a TF Card and USB Drive. Supported file types include: MP3 / WMA / OGG / WAV / AVI / JPG / GIF / BMP

USB Port (up to 64GB)

Card Slot (up to 64GB)
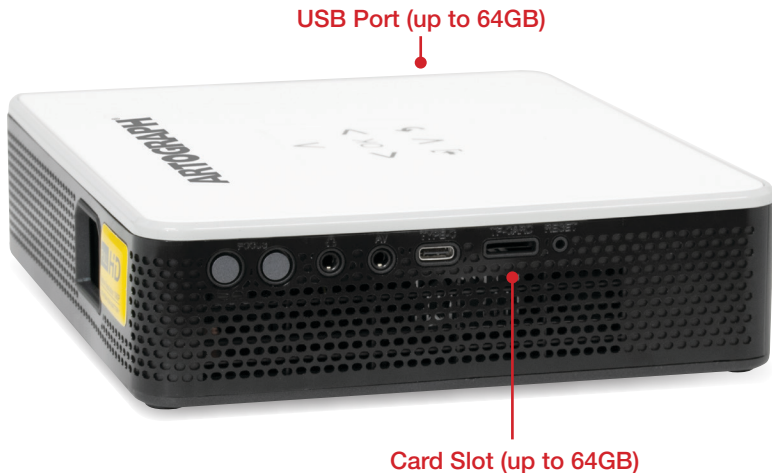
Loading External Content

How to insert your USB Drive
Gently slide your USB Drive into the USB port until it cannot go in any further.
How to insert your TF Card
Gently slide your TF Card into the TF Card slot until it clicks in place.

# Loading External Content

Once your TF Card or USB Drive is inserted into the projector, the TF Card or USB Drive Storage will be loaded automatically and the content can be found throught the **PHOTOS**, **VIDEOS** and **MUSIC** icons located on the Main Menu, depending on the file type you wish to play. Loaded content can also be found through the **TEXT** icon, located within the Settings Menu.
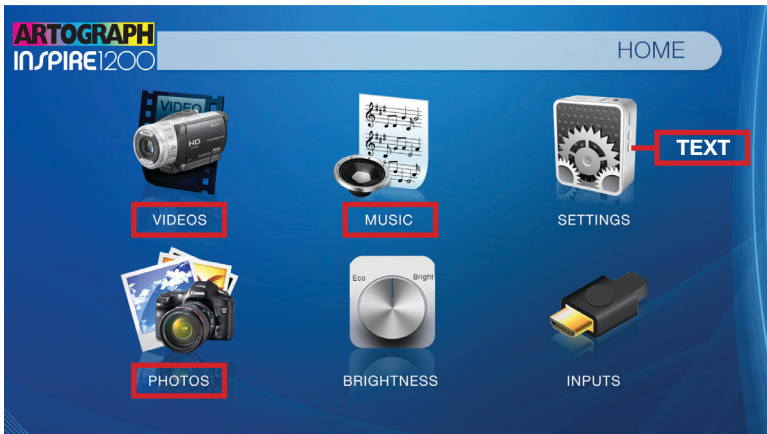
Menu Screens

Main Menu

The projector features a built-in PMP (Portable Media Player) function. This function allows the projector to play videos, pictures, music files, and text directly from your connected devices.
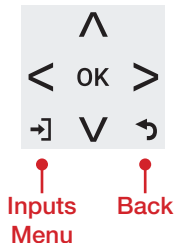
1. Press the left and right directional buttons to choose an icon from the main menu.
2. To select a menu option, press the **OK** button in the middle of the navigation pad.
3. To go back to the previous screen, press the **BACK** button.
4. To return to the main menu, press the **RETURN** button twice.

Brightness Menu

To change the brightness:
1. Select the **BRIGHTNESS** icon.
2. Select the brightness you wish.
3. Choose among Eco, Standard or Boost.
NOTE: Only Eco and Standard Mode are available when using the battery.
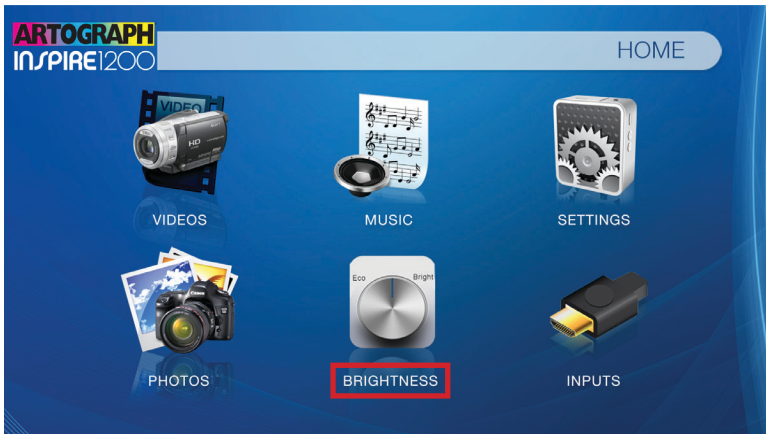
Video Player Menu

Opening a file:
1. Select the **VIDEOS** icon.
2. From the submenu, select the storage media with the stored files.
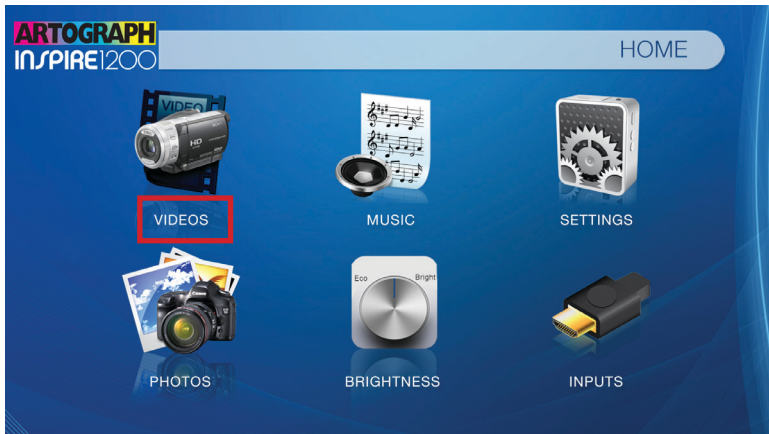3. Choose which file you wish to play. The projector will show all folders and supported video files you have on you USB or TF Card.

Video Player Menu

While Playing Videos:
While playing videos, the volume is adjustable. Further controls are available in the video player submenu which is accessed through the **OK** button. The projector supports AVI video and may or may not play other video file types.
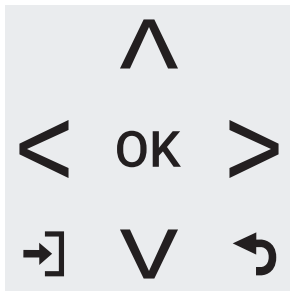
$<$	Volume down
$>$	Volume up
$\wedge$	Positive keystone adjustment
$\vee$	Negative keystone adjustment
OK	Enter video player submenu
	To open/hide the video playback menu, use the **OK** or **DOWN** buttons on the projector or remote

On the remote, the **UP** and **DOWN** arrow buttons also control the keystone adjustment. The volume control on the remote is done through the **VOLUME UP** and **VOLUME DOWN** buttons only.

Video Player Submenu

Playing Videos:
The Video Player Submenu can be accessed by pressing **OK** during video playback. To exit the Video Player Submenu, press the **BACK** button. To navigate the Playback Menu, use the directional buttons on the navigation pad or remote to highlight the option you wish to choose. To open/hide the video playback menu, use the **OK** and **BACK** buttons on the projector.

< Move selection left

> Move selection right

OK Confirm selection

00:00:59 / 00:04:20

Pause | FB | FF | Prev | Next | Stop | R_ALL | Mute
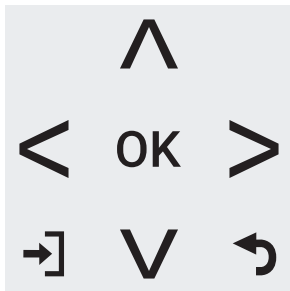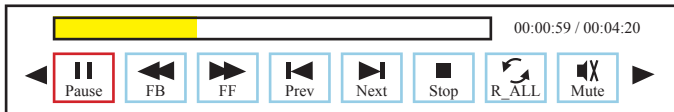
Video Playback FAQ

How do I loop a video?
1. Choose either USB or TF Card for playback.
2. Navigate the folders until you reach the file you wish to play.
3. Highlight the file you want to play, then confirm the selection.
4. Move selection on video player menu to **REPEAT 1** and confirm the selection.
5. The video will now loop after playback is finished.

Photo Menu

Opening a file:
1. Select the **PHOTO** icon.
2. From the submenu, select the storage media with the stored files.
3. Choose which file you wish to play. The projector will show all folders and supported image files you have on you USB or TF Card.
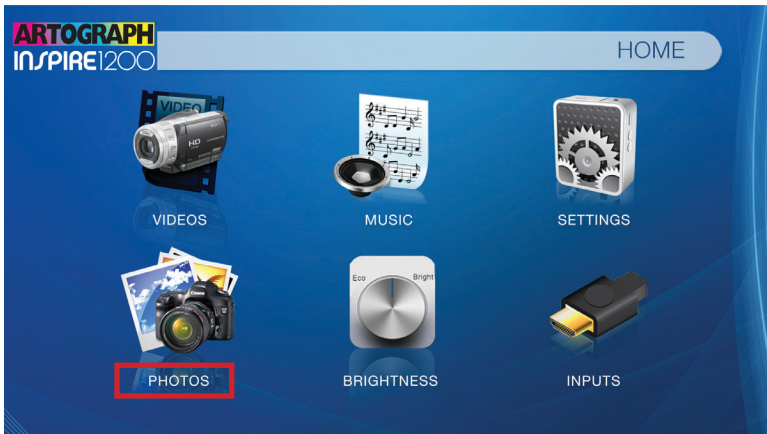
Photo Menu

While Viewing Pictures:
While viewing pictures, further controls are available in the Photo Submenu, which is accessed through the **OK** button. Keystone adjustment is also available.
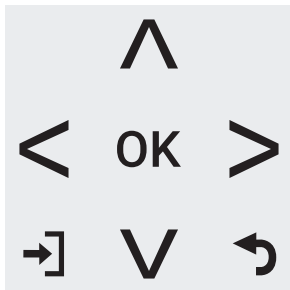
∧	**<** Previous picture
< OK **>**	**>** Next picture
→] ∨ �	∧ Positive Keystone Adjustment
	∨ Negative Keystone Adjustment
	OK Enter photo player submenu
	To open/hide the Photo Playback menu, use the **OK** and **BACK** buttons.

Photo Submenu

Viewing Pictures:
The Photo Submenu can be accessed by pressing **OK** during picture slideshow playback. To exit the Photo Submenu, press the **BACK** button or wait 5 seconds. To navigate the playback menu, use the directional buttons on the navigation pad or remote to highlight the option you wish to choose. Review Specification section of this manual for supported picture formats.

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< OK >

→] ∨ �ъ

< Move selection left

> Move selection right

OK Confirm selection

00:00:59 / 00:04:20

◀ ❙❙ Pause | ◀◀ FB | ▶▶ FF | ❙◀ Prev | ▶❙ Next | ■ Stop | ⟳ R_ALL | 🔇 Mute | ▶
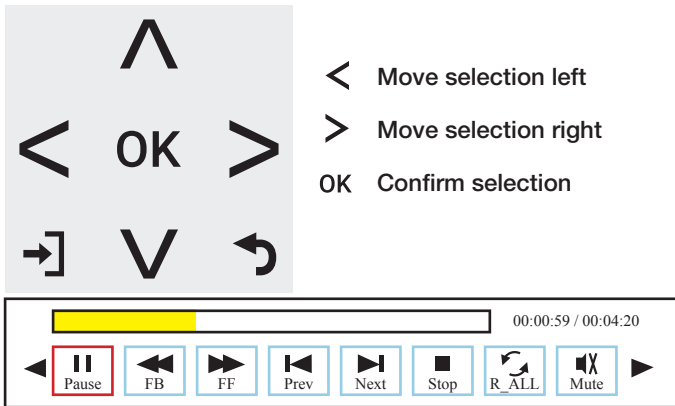
Photo Slideshow FAQ

How do I play a slideshow?
1. Choose either USB or TF Card for playback.
2. Navigate to the folder that contains the pictures you wish to view in the slideshow.
3. Confirm selection of the first picture.
4. Press **PLAY** in the photo menu.
5. Slideshow will now play.
6. NOTE: Selecting **REPEAT ALL** will loop the slideshow.

How do I manually control the slideshow?
1. After selecting the photo to be displayed, you can press **PLAY** to start the slideshow.
2. To manually control the slideshow, stop the slideshow with the **PAUSE** button.
3. You may use either the controls on your remote or on top of the projector itself
   to flip through the pictures in the current playlist.
4. You can change the slideshow duration in the Settings Menu
   (Main Menu > Settings > Option > Slideshow Time)

Connecting to a Device via Digital AV

The projector has a digital AV port for ultimate connectivity flexibility. A digital AV cable is required to connect your projector to your other device.

1. Select the **INPUTS** icon.
2. Select the **DIGITAL AV** icon.

The projector can connect to many media devices including: computers, laptops, iPhones, iPads, DVD players, smart phones, cameras, video game consoles and other peripherals with ease.

Some smartphones and devices require video out capabilities and adapters to be displayed with the projector. Check with your device's manufacturer.

Connecting to Digital Video Input

1. Connect one end of the digital AV cable to your device's digital AV port.
2. Connect the other end of the digital AV cable to you projector's digital AV port.
3. In the main menu, select the **DIGITAL AV** icon. Your projector should now be mirroring the content from your device.

NOTE: If you're connecting to a computer or laptop and the projector does not automatically mirror it, read the next page for more information.
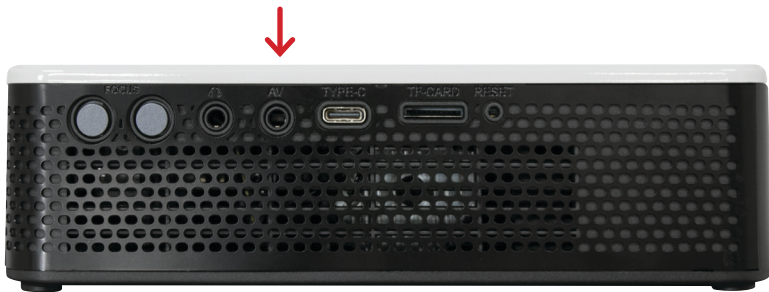
Connecting to a Computer

4. Enabling Digital Video output on your Computer – To enable Digital Video output on your computer most computers require "turning on" the video output feature. Each computer is different. Please consult your owner's manual for instructions to enable Digital Video output. Below are standard instructions for a Windows 10 computer, but not all systems are the same.

5. Press **Windows+P** to toggle through display settings. Select either "Duplicate" or "Extend" depending on your viewing option.

6. Right click on computer desktop and select "Screen Resolution". Display Properties window will pop up. If a secondary monitor is grayed out, click on it and select "Extend these displays" in the "Multiple Displays" drop down. If the image is blurry or the text is not legible, adjust the screen resolution. We recommend 1920x1080.

Connecting to a Device via USB-C Compatible Display Port

The projector has a USB-C compatible display port for easy mirroring of devices with the USB-C video output. The USB-C video cable is required to connect your projector to your other device. In the main menu, select **INPUTS**, then **MIRROR** icons.

Connectivity to Multimedia Devices:
The projector can connect to many media devices including: computers, laptops, iPads, and smart phones.

*Device requires video out capabilities through USB-C to be displayed with the projector. Check with the manufacturer.

Connecting to a Device via USB-C Compatible Display Port

Step 1: Connect one end of the USB-C cable to your device's USB-C display port.
Step 2: Connect the other end of the USB-C cable to your projector's USB-C display port.
Step 3: In the main menu, select the **MIRROR** icon. Your projector should now be mirroring the content from your device.
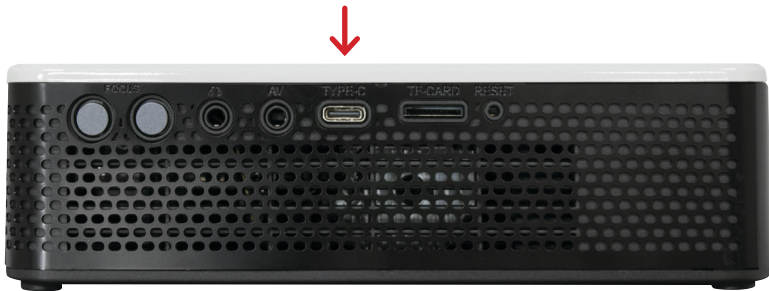
NOTE: When connected via USB-C, you may experience shorter battery runtime due to the projector outputting more power in order to charge your device.

Connecting to Composite Video

Step 1:
Connect the 3.5mm composite AV cable to the back of the projector.

Step 2:
Connect the composite end of the AV cable (red, white, yellow) to your device.
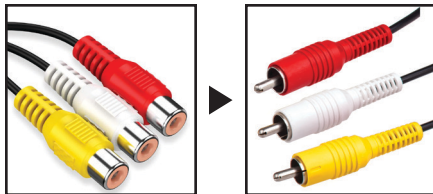
Connecting to Composite Video

Step 3:
Select the **INPUTS** icon, then the **RCA** icon.
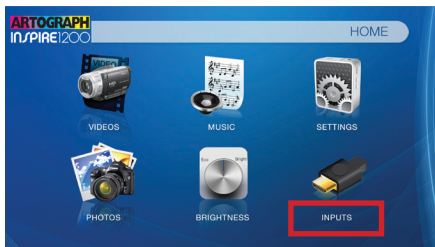
Step 4:
Turn on your multimedia device.

Connectivity with multimedia devices:
The projector can connect to many media devices including: VHS players, DVD players, Blu-Ray players, cameras, video game consoles and other peripherals with ease.

Music Player Menu

Opening a File:
Select the **MUSIC** icon, then select the storage media with the stored files. Choose which file you wish to play.
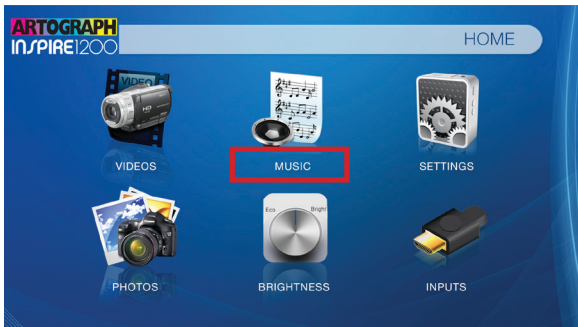
The projector will show all folders and supported audio files you have on your USB or TF Card drive. Use the navigation buttons to select folders or files.

Music Player Menu

Listening to Audio:
To adjust the volume, use the left and right button on the projector or the volume keys on the remote. To navigate the playback menu, push the **OK** button to open the menu and use the directional buttons on the navigation pad or remote to highlight the option you wish to choose. The projector supports the MP3, WMA, OGG, and WAV audio formats. Other audio formats may or may not work.

To show/hide the music playback menu, use the **OK** and **BACK** buttons on the projector. Once the music playback menu is hidden, the left and right buttons will control the volume.

$\wedge$

$<$ OK $>$

$\rightarrow$ $\vee$ $\curvearrowleft$

$<$ Decrease volume

$>$ Increase volume

OK   Confirm selection


```
                                                    00:00:59 / 00:04:20
◄   II    ◄◄    ►►    I◄    ►I    ■    ⟳      ◀X    ►
   Pause   FB    FF   Prev  Next  Stop  R_ALL  Mute
```
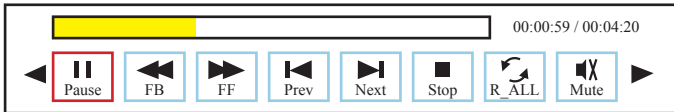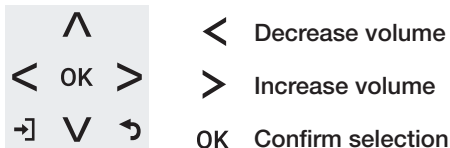
Music Playback FAQ

How do I loop a song?
1. Choose either USB or TF Card for playback.
2. Navigate the folders until you reach the file you wish to play.
3. Highlight the file you want to play, then confirm the selection.
4. Move selection on music player menu to **REPEAT 1**, and confirm the selection.
5. The song will now loop after playback is finished.

How do I create a song playlist?
1. Insert your media device (either TF card or USB drive) into your computer.
2. Make a new folder on the media device (folder name will be the name of the playlist).
3. Transfer songs from the computer to the new folder, name accordingly.
4. Remove media device from the computer and insert into your projector.
5. Navigate to **AUDIO** section, then choose the appropriate media device.
6. Navigate to your playlist folder.
7. Start at first song.
8. Playback will follow each successive song on the list.

To play audio files in a specific order, add numbers to the beginning of each file.
Example: 01 song1.mp3, 02 song2.mp3, 03 song3.mp3, etc.

E-Book Viewer Menu

Opening a File:
1. The E-Book viewer is located in the Setting's Menu.
2. Select the **SETTINGS** icon.
3. Select the **TEXT VIEWER** icon.
4. Choose the file you wish to play.

The projector will show all folders and supported text files you have on your USB drive or TF Card.

Viewing Text Files:
The projector allows you to view text files. Select the file you want to view in the file menu for the particular storage device on which the file is stored. You can press the left and right arrow buttons on the directional pad or remote to flip through the pages you have in the present folder.

NOTE: Microsoft Office and PDF file formats are not supported. We recommend you convert your files into JPEG pictures first.

Settings Menu

The Settings Menu can be accessed by selecting **SETTINGS** on the main menu.

Within the settings menu, there are four more submenus that allow you to customize your projector to the settings you want.

Picture
• Picture Mode
• Color Temperature
• Aspect Ratio
• Noise Reduction
• Screen
• Projection Direction

Sound
• Sound Mode
• Auto Volume

Option
• OSD Language
• Restore Factory Default
• Keystone
• Slideshow Time
• Software Version

Picture Settings

Picture Mode
• Changes the picture mode to different settings depending on your usage.

Color Temperature
• Adjusts the color temperature from warm to cool (red to blue).

Aspect Ratio
• Changes the aspect ratio of the picture - Auto, 4:3, 16:9*, etc.

Noise Reduction
• Cleans up **MPEG** "noise" without compromising picture resolution.

Projection Direction
• Flips the projected image.

*Caution: Some pictures may be cut off when aspect ratio is set incorrectly.

**Boost mode should only be used in low temperature environments with adequate clearance of exhaust / intake vents. DO NOT block vents while operating in Boost mode.

Sound Settings

Sound Mode
• Changes the sound mode depending on what is currently playing.

Auto Volume
• With Auto Volume on, the video can be opened with volume automatically.

Option Settings

OSD Language
• Changes the language of the device.

Restore Factory Default
• Restores the projector to factory settings.

Keystone
• Allows the user to adjust keystone vertically.

Slideshow Time
• Changes the time each slide displays when playing a slideshow.

Software Version
• Current software version in use.

Technical Details

Powerbank Mode

• The projector can be used as a power bank to charge your devices including smart phones, tablets, etc.

Technical Details

Powerbank Mode

- Connect your device to the projector through the USB port.

- Find the **Charge/Off/On** switch at the back of the projector and toggle the switch to the **Charge** position.

Keystone Adjustments

What is Keystoning?

Keystoning occurs when a projector is aligned non-perpendicularly to a screen, or when the projection screen has an angled surface. The image that results from one of these misalignments will look trapezoidal rather than square.

Digital Keystone Adjustments

By adding a special, selectable algorithm to the scaling, the projector is able to alter the image before it reaches the projection lens. The result is a squared image, even at an angle.

 or >>

Keystone Adjustments

How to Correct Keystone

If the image looks trapezoidal with the base larger, press the top button on the directional pad on the top of the projector or the **UP** button on the remote control until the keystone effect corrects and the picture turns into a square projection.

If the image looks trapezoidal with the top larger, press the bottom button on the directional pad on the top of the projector or the **DOWN** button on the remote control until the keystone effect corrects and the picture turns into a square projection.
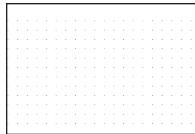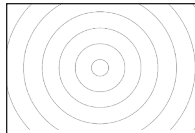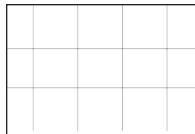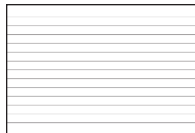
Grids

How to Turn On the Grid Function
1. In the Main Menu, select the **OVERLAYS** icon.
2. Use the left and right arrows to scroll through 32 grid patterns.
3. Select **OFF** to turn off grid function.

Available Grid Patterns...

... + 28 more.

Troubleshooting

Image is Blurred

Possible Causes
1. The Projector is not in focus.
2. The Projector is offset from plane/angle of operation.

Solutions
1. Adjust the focus with the focus adjustment buttons on the remote control until the image comes into focus, or use the focus adjustment buttons on the side of the projector
2. Move the projector so that it is both 180 degrees and on an even plane with the screen or adjust the keystone through the remote, keypad or Settings Menu.

No Sync, No Signal
Be sure to setup the computer to enable a video signal output. On some laptops this is done by pressing and holding Function F5 key. If using the projector as an external monitor on Windows based systems, this can be done by selecting "extend my desktop to this monitor". The native resolution of the projector is 1920x1080. Depending on the video driver different resolutions may need to be selected for proper output.

Troubleshooting

The Projector Does Not Turn On

Possible Causes
1. There is no power.
2. Cannot power on the projector from the remote control.

Solutions
1. Check to ensure the power outlet source is good. Check the power adapter to ensure a proper connection with the wall outlet as well as the projector. Confirm that the unit is charged and has enough power
2. To power on the projector, toggle in the Power Switch on the side of the unit to "ON". Next, if the projector is not powered on, press the Power button on the remote control.

No Picture / File not Supported

Possible Causes
1. The video source is not properly connected or selected.
2. Incorrect file extension or video is encoded with incorrect codec.

Solutions
1. Check the video source signal to ensure that it is properly connected. Select the current input source by choosing the input desired from the main menu.
2. Please refer to "Specifications" page to see which file types and codecs are supported. Verify that the file was encoded properly.

Troubleshooting

Cannot Charge Smart Device / Power Bank Mode

Possible Causes
1. Projector is off.
2. Projector battery is low.

Solutions
1. Find the Power Switch on the back of the projector. Toggle the "Charge/ Off/ On" switch to the "ON" Position or the "Charge" Position.
2. Connect the power cord to the projector. Connect the other end of the power cord into the wall power source. Toggle the "Charge/ On/ Off" switch to the "OFF" Position. When the projector is fully charged, the LED light on the side of the projector will turn green. Allow approximately 3-4 hours to fully charge the projector.

Projector Not Charging

Possible Causes
1. There is no power.
2. The projector is not set to the "OFF" Mode.

Solutions
1. Check to ensure the power outlet source is good. Check the power adapter to ensure a proper connection with the wall outlet as well as the projector.
2. Connect the power cord to the projector. Connect the other end of the power cord into the wall power source. Toggle the "Charge/ On/ Off" switch to the "OFF" Position. When the projector is fully charged, the LED light on the side of the projector will turn green. Allow approximately 4-5 hours to fully charge the the projector.

Specifications

Brightness:	1,200 Lux plugged in / 600 Lux with battery
Native Resolution:	1920x1080 (1080P)
Max Resolution:	3840x2160 (4K 30FPS)
Battery Runtime:	3 Hours (Eco Mode), 2.1 Hours (Standard)
Contrast Ratio:	2000:1
Aspect Ratio:	16:9
Keystone:	Vertical
Projection Lens:	Electronic Focus
Image Size:	16~200 inches
Light Source:	Osram 30,000 Hour LEDs Quad Cast LEDs
Video In:	Composite AV (3.5mm Jack), Digital AV (Compatible with Full Size HDMI™)* 4K 30FPS
Audio Out:	4W High-Low Frequency Speaker, 3.5mm Audio Jack
Throw Ratio:	1.2:1
TF/Micro SD Card:	TF/Micro SD Card Slot (64GB Maximum)
USB:	USB 2.0 (Full Size – 64GB Maximum), Type-C Compatible
Dimensions:	7.25" x 6.5" x 1.75"
Weight:	3 lbs
Supported File Formats:	MP3, WMA, OGG, WAV, TXT, JPG, AVI, BMP, GIF

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