


Portable HD LED Projector

EXP-PRJ-HD

WyreStorm[®] Essentials Quickstart Guide

 WyreStorm recommends reading through this document in its entirety to become familiar with the product's features before beginning the installation process.

HDMI[®]

In the Box

- 1x EXP-PRJ-HD Video LED Projector
- 1x IR Remote Control
- 1x HDMI cable
- 1x 3.5 > RCA AV Cable
- 1x US Power Adapter
- 1x User Manual (This Document)



IMPORTANT! Safety Precautions

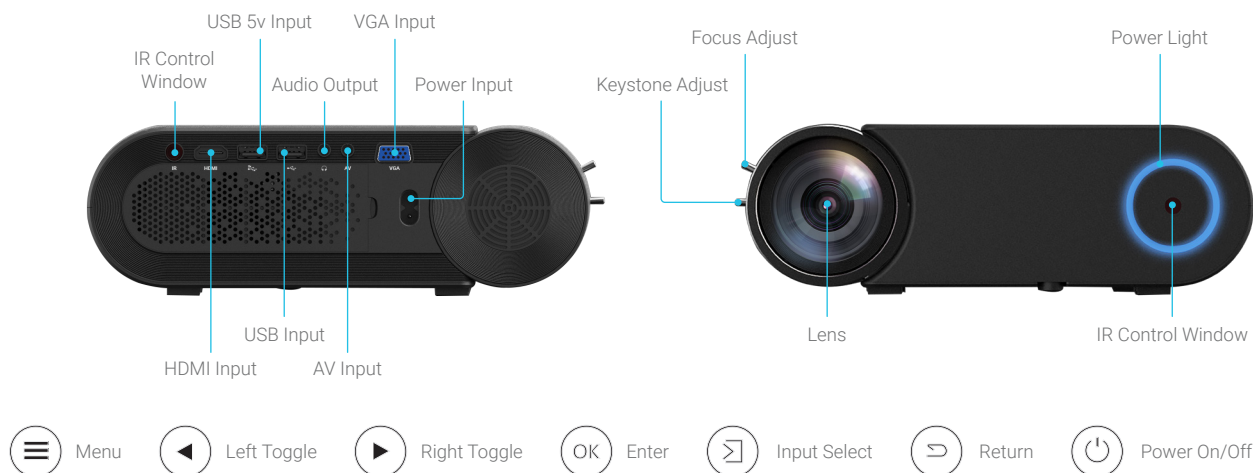
- Please read through this guide carefully before operating the projector.
- Note the voltage marked on the label place on the bottom of the projector.
- To avoid voiding the warranty, do not open and prevent physical damage to the projector, as the unit contains non-servicable parts - Refer all servicing to qualified service personnel.
- Do not look directly into the projector lens while the machine is operating to avoid exposure to eyes.
- To prevent the risk of electric shock or fire hazard due to overheating, do not cover the unit or obstruct ventilation openings with material, newspaper, cardboard, or anything that may restrict airflow into the unit.
- Do not expose this unit to rain, moisture, sprays, drips or splashes and ensure that no objects containing liquids are placed on the unit, including cups, glasses and vases.
- Unplug unit from power supply during lightning storms or when unused for long periods of time.
- Protect the power cable from being walked on, pinched or restricted in any way, especially at plug connections.
- Only use attachments/accessories specified by the manufacturer.
- To extend the projectors life span, power down the projector when not in use.
- To prevent eye strain/injury, it is suggested to limit viewing time to 3-4 hours at a time.

Warranty Information

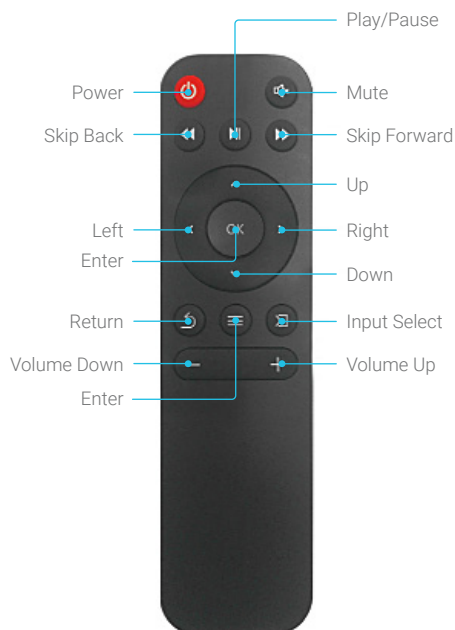
WyreStorm Technologies LLC warrants that its products to be free from defects in material and workmanship under normal use for a period of two (2) years from the date of purchase. Refer to the Product Warranty page on wyrestorm.com for more details on our limited product warranty.



Interface



Remote Control Introduction

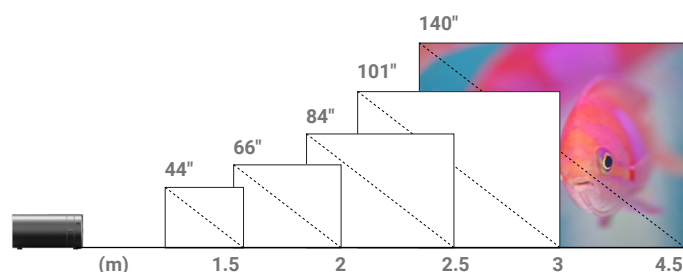


Note: To prevent remote performance issues, battery damage, leakage and/or rupture, avoid mixing brands and old/new batteries.

Setup and Operation

1. Set the projector within the specified distances to obtain the best picture possible. Level the projector as best as possible to fully utilize the adjustment levers.

Note: This adjustment may need to be made once the projector is on in conjunction with the keystone and focus levers. See below for further details on keystone and focus adjustments.



Further height adjustments can be made with built in stand by screw adjustment. Furthermore, a tripod or a projector mount can be used with the provided threaded bore hole found at the bottom of the projector.

2. Connect desired input sources to each input on the rear of the projector.



Note: USB port with 5V is used for USB devices that require 5V power, such as an external USB hard drive. If desired, also connect headphones/auxiliary sound system to the audio output port at this time.

3. Connect the provided power cable to the back of the projector and into the wall outlet.



4. Press the Power button located on the projector or on the remote to power the projector on/off.



Projector Main Menu

After the boot screen (2-5 seconds) the projector's main menu will appear, allowing the user to select the desired video source.



Focus and Keystone Correction

Keystone and Focus correction can be achieved simply by turning the dials on the projector.



Keystone Correction

It may be necessary for the projector to be placed in a position which could cause the image to appear distorted. Using the Keystone lever, slide up/down adjusts vertical keystone to help resolve image distortion; see below image for example.

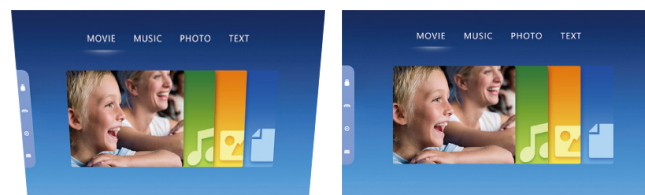
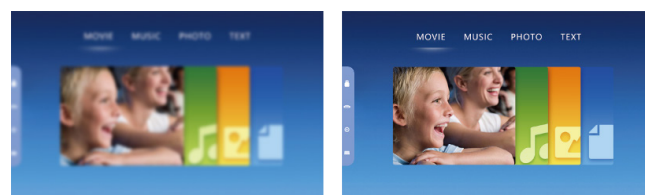


Image Focus

Sometimes when placing the projector at the proper distance, fine tuning of the projector is necessary for an optimal image. Alongside the Keystone lever is the Focus lever. Like the Keystone lever, slide up/down to achieve the best image possible.



Source Menu

USB Connection

The Multimedia menu is where the projector accesses the USB connections.



Movie, Music, Photos and Text are the 4 forms of multi-media that can be selected from the USB ports. See below table for supported formats.

Multimedia	Supported Audio	MP3/WMA/OGG/AAC/FLAC/APE/WAV
	Supported Image	JPEG/BMP/PNG
	Supported Video	3GP/AVI/MKV/FLV(FLV)/MOV/MP4/MPG/VOB/MPG/RMVB/RM
	Supported Text	TXT

Choose the desired file and press the play/pause button to access.

HDMI Connection

The HDMI option allows connection of HDMI devices such as media players, Blu-ray players and laptops.



Supported Resolutions	576p, 480p, 720p, 1080p, 640x480, 800x600, 1024x768, 1280x1024, 1280x720, 1440x900, 1920x1080, 1366x768, 1280x800, 1440x960, 1600x1200, 1680x1050
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The HDMI port on the EXP-PRJ-HD supports MHL input, which allows the connection of a mobile phone/tablet. Consult the manufacture of the mobile phone/tablet to verify compatibility. A supported MHL HDMI cable is also required.

AV Connection

With the included AV cable, the AV port allows connections of composite sources such as older game consoles and DVD players.



VGA Connection

The VGA port allows connections of VGA sources such as a laptop or PC.






Audio Output

The 3.5mm port allows the connection of headphones or auxiliary cable to connect to a speaker or audio system. The audio will be routed to this output and no audio will come out of the speaker.



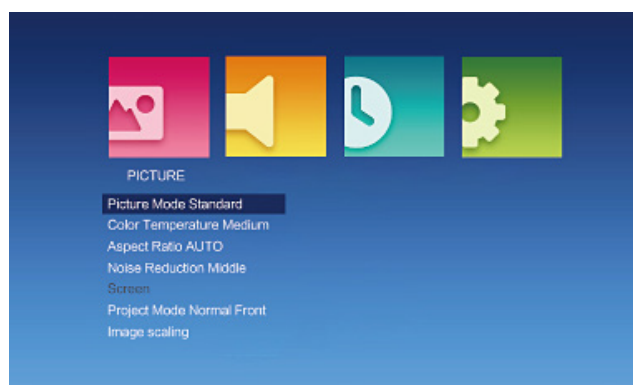
Note: Due to Dolby copyright, this projector does not support Dolby related decode.

Menu Settings

Pressing the  button will display the below menu. Toggle items by pressing  and  keys on the remote. Pressing "OK" will enter the menu item.

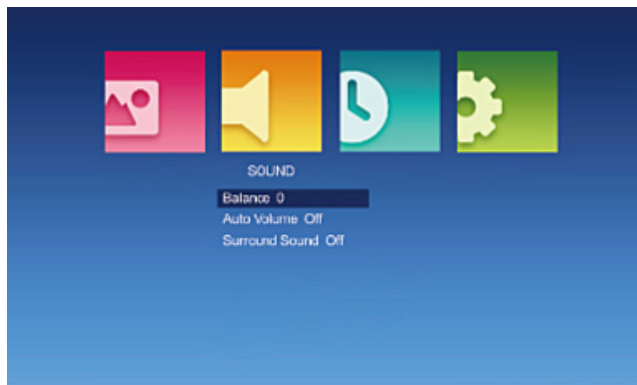
Picture Menu

The Picture menu allows the user to adjust the picture mode (standard, soft, user, dynamic), Color Temperature (Cold, Medium, User), Aspect Ratio (Auto, 4:3, 16:9) and Noise Reduction (Off, Low, Middle, High, Default), Projector Mode (Front, Back) and Image scaling, which gives the user the ability to adjust the image into the screen.



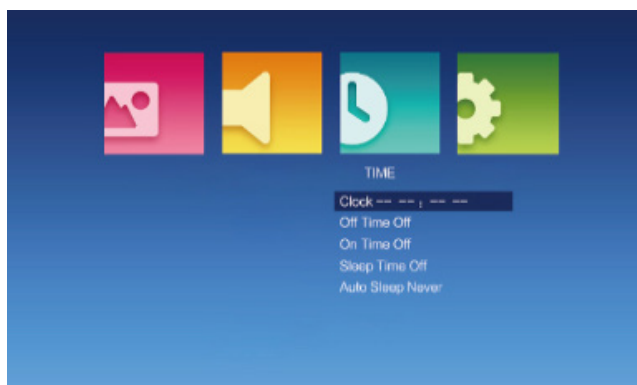
Sound Menu

In the Sound menu, the user has the ability to set the Audio Balance (-50 to +50), Auto Volume (Open, Off, Low, Middle, High, Default) and Surround Sound (Off, SRS, Surround).



Time Menu

In the TIME menu, the user has the ability to set the clock of the projector. The user can also set an off/on time and set sleep time, which is useful for parental control or as a reminder to take a break from screen time. Lastly, a sleep time can be set to auto sleep to save, which after inactivity the projector will power down to extend bulb life when not in use.



Settings Menu

In the settings menu, the user is able to set language, set the projector back to factory setting, and upgrade software.

Specifications

Display Type	TFT LCD
Native Resolution	1280*720 RGB
Input Resolution	1920*1080
Light Source	LED
Expected Bulb Life	30,000 Hours
Lens Coating	Multiple Coated Lens (F=134)
Lens Focus	Manual Operation
Projection Distance	1.5 - 4.5m (4.9 - 14.7ft)
Projection Size	111.8 - 355.6cm (44 - 140in)
Projection Ratio	1:4
Aspect Ratio	16:9
Optimum Projection Size	152cm (60in)
Optimum Imaging Distance	1.5m (4.9ft)
Color Palette	16M
Keystone	Manual Operation $\pm 15^\circ$
Power Input	100V - 240V 50/60Hz
Wattage	72W
Input Interface	HDMI, USB, VGA, AV
Output Interface	3.5mm Audio Jack
Speaker	3W
Dimensions	245x166x81.5mm (9.6x6.5x3.2in)
Weight	1.25kg (2.7lbs)

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.