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› [Crenova](#) /

› [Crenova XPE650 HD Projector User Manual](#)

Crenova XPE650

Crenova XPE650 HD Projector User Manual

Comprehensive instructions for setup, operation, maintenance, and troubleshooting of your Crenova XPE650 HD Projector.

1. INTRODUCTION

The Crenova XPE650 HD Home Projector is designed for an immersive home entertainment experience. This model is an upgraded version of the XPE600, featuring an enhanced native resolution of 1280x768 pixels and a brightness of 2800 lumens. It supports a wide range of multimedia connections and offers a large screen display for private home theater use.

Key Features:

- **Upgraded Resolution:** Native 1280x768 pixels, supporting 1080P HD display for clear visuals. Optimized for home entertainment in darker environments.
- **Multi-Media Connectivity:** Compatible with PC, Laptop, USB drive, TV, DVD Player, Game Console, Tablets, and Smartphones.
- **Advanced LCD Color Technology:** Supports LCD 24-bit color (True color) providing 1.67 million colors for vivid and stunning images.
- **Wider Screen Experience:** Projects screen sizes from 60 to 120 inches.
- **Eye Protection:** Offers a wider and adjustable screen, which is safer for eyes compared to traditional TV screens due to reduced brightness and radiation.
- **Cost-Effective:** Provides a large display experience at a more affordable cost compared to large-screen televisions.

2. PRODUCT OVERVIEW

Familiarize yourself with the components and interfaces of your Crenova XPE650 HD Projector.

Projector Components

24-bit color (True color) Displaying: **1.67 Million** colors



24-Bit Color Displaying

vs

Ordinary LCD Display

Tips: To judge the Color fidelity of projection image, you just need to check the Red, Blue and Green. All colors consist of these three basic colors, so if these three colors are displayed positively, other colors will be vivid as well.

Image: Front view of the Crenova XPE650 HD Projector, showcasing its sleek black design and lens.



Image: Contents of the Crenova XPE650 HD Projector package, including the projector, remote control, VGA cable, HDMI cable, AV cable, and power cable.

Input/Output Interfaces

TV	Projector
40 " Unadjustable Size	60 " -120 " Adjustable Size & Large Sreen Experience
High Light Contrast - Hurt Eyes	Low Light Contrast - Protect Kids' Eyes
High Power Consumption	Low Power Consumption - Energy Saving
Expensive	Cost-Effective



Image: Rear panel of the Crenova XPE650 HD Projector, highlighting the various input and output ports including HDMI, USB, VGA, and RCA (AV).

- **HDMI Ports (x2):** For connecting high-definition devices such as Blu-ray players, game consoles, and computers.
- **USB Ports (x2):** For connecting USB drives to play media files directly.
- **VGA Port:** For connecting older computers or laptops.
- **AV (RCA) Ports:** For connecting devices with composite video and stereo audio output.
- **Power Interface:** For connecting the power cable.

3. SETUP

Placement

Position the projector on a stable, flat surface. Ensure there is adequate ventilation around the unit to prevent overheating. The optimal projection distance for an 80-inch screen is approximately 2.6 meters.

Connecting Power

1. Connect the power cable to the projector's power interface.
2. Plug the other end of the power cable into a suitable electrical outlet.

Connecting Input Devices

The Crenova XPE650 supports multiple input sources. Choose the appropriate cable for your device:

- **HDMI:** Use an HDMI cable to connect devices like laptops, game consoles (PS3, PS4), or Blu-ray players to either HDMI 1 or HDMI 2 port.
- **VGA:** Use a VGA cable to connect older computers or laptops.
- **USB:** Insert a USB drive into one of the USB ports to play media directly.
- **AV:** Use the provided AV cable to connect devices with composite video and stereo audio output.
- **Smartphones/Tablets:** To connect smartphones or tablets, a Wi-Fi display dongle (not included) is required. For MacBook/MacBook Pro, an HDMI adapter (not included) is needed.

4. OPERATING INSTRUCTIONS

Powering On/Off

Press the power button on the projector or the remote control to turn the unit on or off.

Adjusting Image Focus and Keystone

Devices can be connected



Image: Close-up of the Crenova XPE650 HD Projector's lens and keystone correction dial, showing the manual adjustment mechanisms.

- **Focus:** Rotate the lens ring to achieve a clear and sharp image.
- **Keystone Correction:** Use the keystone adjustment dial (located on the rear panel, often near the VGA port) to correct trapezoidal distortion if the projector is not perfectly perpendicular to the screen. The XPE650 supports $\pm 12^\circ$ vertical keystone correction.

Selecting Input Source

Use the "Source" button on the remote control or the projector's control panel to cycle through available input sources (HDMI 1, HDMI 2, VGA, USB, AV).

Audio Output

The projector has a built-in speaker. For enhanced audio, connect external speakers to your source device (e.g.,

computer, game console) rather than directly to the projector, as this often provides better sound quality.

5. MAINTENANCE

Cleaning the Lens

Gently wipe the projector lens with a soft, lint-free cloth. Avoid using abrasive cleaners or excessive force, which can scratch the lens.

Ventilation and Cooling

Ensure the projector's ventilation ports are clear of obstructions to maintain proper airflow. The internal cooling fan operates to extend the lifespan of the bulb by keeping the unit at an optimal temperature. A slight fan noise is normal during operation. Placing the projector at least 1 meter away can reduce perceived noise levels.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Crenova XPE650 HD Projector.

Common Issues and Solutions:

- **No Image or Poor Image Quality:**

- Check all cable connections (HDMI, VGA, AV) to ensure they are secure.
- Verify the correct input source is selected on the projector.
- Adjust the focus ring on the lens until the image is sharp.
- Ensure the projection surface is suitable and the room is sufficiently dark for optimal viewing.
- If the image appears "red heavy" or colors are inaccurate, check the projector's picture mode settings. Some users have reported needing to adjust custom settings for accurate colors.

- **No Audio or Poor Audio Quality:**

- Check the volume settings on both the projector and the connected source device.
- If playing video from a USB drive and there's no audio, it might be due to Dolby audio effects not supported by the projector. In such cases, connect the USB drive to a PC, play the file on the PC, and connect the PC to the projector via VGA, using the PC's audio output.
- For better audio, connect external speakers directly to your source device.

- **Dust Spots on Projection:**

- Dust can sometimes accumulate inside the projector. If persistent, contact customer support for assistance.

- **Projector Not Powering On:**

- Ensure the power cable is securely connected to both the projector and a working power outlet.
- If a specific port (e.g., HDMI 1) is not functioning, try another port or contact customer support.

- **Fan Noise:**

- A certain level of fan noise is normal due to the cooling system. To minimize perceived noise, ensure the projector is placed at least 1 meter away from the viewing area.

7. SPECIFICATIONS

Detailed technical specifications for the Crenova XPE650 HD Projector.

Feature	Detail
Native Resolution	WXGA / 1280x768 Pixels
Support Resolution	WUXGA (1280x768), 1080P
Brightness	2800 Lumens
Contrast Ratio	1000:1
Keystone Correction	±12° Vertical
Image Size	26 - 120 inches
Projection Distance	1M - 6M
Connectivity Technology	HDMI, USB, VGA, AV
Product Dimensions	12.99 x 11.22 x 7.87 inches
Item Weight	7.93 pounds
Lamp Life	20,000 hours



LED Led Light Souse	1000:1 High Contrast	2800 Image Brightness	1280x768 Max Resolution
12 months Warranty	20000H Lamp Life	60"-120" Image Size	4:3/16:9 Aspect Ratio

Image: Infographic summarizing key specifications of the Crenova XPE650 HD Projector, including LED light source, 1000:1 contrast, 2800 lumens brightness, 1280x768 max resolution, 12 months warranty, 20000H lamp life, 60"-120" image size, and 4:3/16:9 aspect ratio.

JAGGED EDGE VS VIVID AND CLEAR IMAGE



800*480
{other}

VS



1280*768
{our}

Image: Visual comparison demonstrating the difference between 800x480 resolution (jagged edge) and 1280x768 resolution (vivid and clear image) on a projected flower image.

24-bit color (True color) Displaying: **1.67 Million** colors



24-Bit Color Displaying

vs

Ordinary LCD Display

Tips: To judge the Color fidelity of projection image, you just need to check the Red, Blue and Green. All colors consist of these three basic colors, so if these three colors are displayed positively, other colors will be vivid as well.

Image: Illustration of 24-bit color displaying 1.67 million colors, comparing it to an ordinary LCD display, with a tip on checking color fidelity.



Image: Collage showing various usage scenarios for the Crenova XPE650 HD Projector, including watching movies, sports, and social gatherings.



Image: A family watching a movie projected by the Crenova XPE650 HD Projector in a home setting.

TV	Projector
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Image: Diagram illustrating various devices that can be connected to the Crenova XPE650 HD Projector, including computers, tablets, smartphones, TVs, and USB drives.



Image: Comparison table showing advantages of a projector (60"-120" adjustable size, low light contrast, low power consumption, cost-effective) over a TV (40" unadjustable size, high light contrast, high power consumption, expensive). Below the table, an image illustrates the large projection size compared to a smaller TV.

8. WARRANTY AND SUPPORT

The Crenova XPE650 HD Projector comes with a **12-month warranty** from the date of purchase. For any concerns, issues, or technical support, please contact Crenova customer service. While some support channels may include social media platforms like Facebook, direct customer service contact is recommended for prompt assistance.