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Epson EB-700U



ENLARGE IMAGE

Ultra Short Throw Projectors

The ultra-short-throw laser projector for bright, Full HD displays

If you are interested in purchasing an Epson Multimedia projector for business use, please call **1300 361 054**

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Overview

Offering superior image quality matched by continuous performance, the EB-700U ultra short-throw 3LCD laser display is ideal for virtually any signage or presentation need. Get stunning images up to 130" diagonal in Full HD - perfect for storefronts, offices, schools and more. Featuring breakthrough laser technology, the EB-700U provides up to 20,000 hours of virtually maintenance-free operation. Plus, Epson 3LCD projectors deliver up to 3x Higher Colour Brightness over competitive DLP projectors. Additional features include 4,000 lumens of colour/white brightness, up to 2,500,000:1 dynamic contrast and expansive connectivity.

KEY FEATURES

- 3 x Brighter Colours and Reliable Performance¹ – 3LCD, 3-Chip Technology. Look for both high colour brightness and high white brightness
- Break Through Laser Technology – provides up to 20,000 hours of virtually maintenance free operation, with the added benefits of higher image contrast and instant ON/OFF
- Bright Images – 4,000 lumens colour/white brightness
- Amazing Images – WUXGA resolution (1920 x 1200) and 16:10 format
- Simultaneously Display and Control Multiple Device Screens – wirelessly share content from up to four devices², including Chromebooks, with Moderator software (requires optional wireless module)
- Manage Your Display and Send Announcements Remotely – easy network connectivity; software included
- Versatile Connectivity – 3x HDMI® supports multiple high-definition A/V devices, with MHL® support
- Powerful Sound to Engage Every Student – built-in 16 W speaker and microphone input; or, use external speakers, even in Standby Mode

BASIC FUNCTIONS

3LCD Technology

All Epson projectors are based on 3-chip LCD technology for amazing colour, incredible detail and solid reliability. 3LCD's 3-chip architecture dedicates an entire chip to process each primary colour – red, green and blue, continuously. Unlike single-chip technology that delivers colour sequentially, you get full-time colour. The result is vibrant, realistic images and video all delivered with 3LCD's true-to-life colour.



Up to 3x Brighter Colours with Epson Projectors*

Epson projectors use 3LCD Engines that have no colour wheel with a white segment and therefore don't force a trade-off between white and colour brightness.

In fact, Epson projectors have up to 3x Brighter Colours than their leading competitive 1-chip DLP projectors*. If you are looking for business and education projectors or 720p home entertainment projectors, know that choosing Epson projectors means up to 3x brighter colours. If you are looking for 1080p home entertainment projectors, you consistently get 2x and up to 3x Brighter Colours than competitor 1-chip DLP projectors*.



All Epson projectors list both White Brightness and Colour Brightness specifications, and all have high Colour Brightness.

** Colour Brightness (Colour Light Output) in brightest mode, measured by a third-party lab in accordance with IDMS 15.4. Colour Brightness will vary depending on usage conditions. Top-selling 3LCD projectors versus top-selling 1-chip DLP projectors based on PMA Research sales data for Dec. 2015 through Nov. 2016.*

Laser Light Source

Experience astonishing quality and reliability with Epson's new laser light source and advanced filter. A newly designed laser light source and advanced electrostatic filter deliver 20,000 hours of maintenance-free use and consistent performance for total peace of mind during important presentations. Additionally, the laser light source is highly reliable, eliminating worry of the light burning out during important presentations.



Inorganic Components

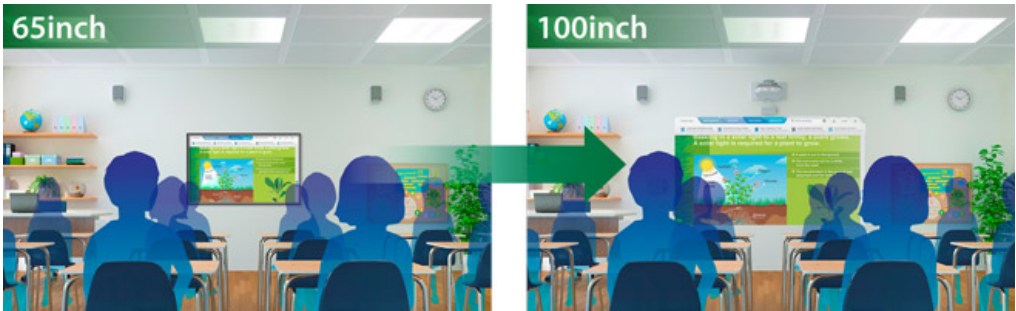
The newly developed phosphor wheel is made of inorganic material with superior light and heat-resistance to deliver excellent reliability. Epson has also developed inorganic LCD panels, key components of imaging devices. Combining an inorganic phosphor wheel with inorganic LCD panels in a laser projector results in bright, vibrant images for extremely long periods.

	Inorganic (Glass, iron, aluminum, etc.)	Organic (Paper, wood, plastic, etc.)
Light-resistance	YES	NO
Heat-resistance	YES	NO

Unlike organic substances, inorganic substances do not contain carbon

Readability from Anywhere in the Room

Ensure every student in the classroom can easily read and understand the information you're sharing. Offering clear, easy-to-see images up to 100", Epson displays help students learn and retain information, regardless of where they sit.



Wide Viewing Angle

Clear images can be seen from any angle with no limitations of reflective glare. Projected images also allow you to get closer to the image without straining your eyes.



High Resolution

Featuring native resolution of WUXGA (1920 x 1200), the Epson EB-710U delivers high quality images and crisp, sharp text without any distortion.

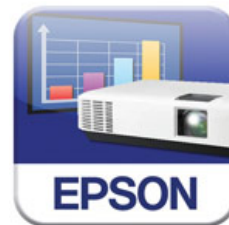


WIRELESS CLASSROOMS

Epson iProjection™ via Optional Wireless Dongle

Epson iProjection is the wireless display solution for today's BYOD classrooms. With true multi-platform support, students can wirelessly display content from Chromebooks, PCs and Mac® computers, as well as iOS and Android devices.

When used in conjunction with Epson Multi-PC projection plus Moderator device management software⁴, up to 50 users can connect to the projector simultaneously, displaying content from as many as four at a time. It's the perfect tool for displaying a variety of content — or for comparing students' work side by side.



Networking features that take teaching to the next level

Manage up to 1,024 Epson networked displays using the included EasyMP® Monitor software or Crestron RoomView® — saves time and money
 Update display firmware in-house via the network, a USB cable, or a USB flash drive — eliminates the need for external service centre repairs; saves time and money
 Send updates or announcements remotely to up to 1,024 Epson networked displays using the Message Broadcasting plug-in for EasyMP Monitor
 Connect your display to an access point to share it with the entire class, without running more cables



⁴Moderator feature is part of Easy MP Multi-PC Projection software

EASY INSTALLATION AND MAINTENANCE

Easy Setup Options

Epson displays offer a suite of innovative features that ensure flexible placement and fast, easy setup:

3x HDMI — supports multiple high-definition A/V devices. Compatible with the latest laptops, Blu-Ray Disc® and media players

MHL — the latest in connectivity

- Display content from your MHL-enabled smartphones, tablets and streaming devices
- Use the display remote to control MHL-enabled devices
- Charge your MHL-enabled device when it's plugged into the display⁵
- Offers instant access to movies, games and more

Quick Corner® — this innovative feature allows you to move any of the four corners of an image independently, to adjust each corner for a perfectly rectangular picture

Advanced 3-in-1 USB Plug'n Play Instant Setup — instantly project audio and video from a PC or Mac via a USB connection

Quick, Convenient Control — Instant Off® means no cool-down time required; it's ready to shut down when you are

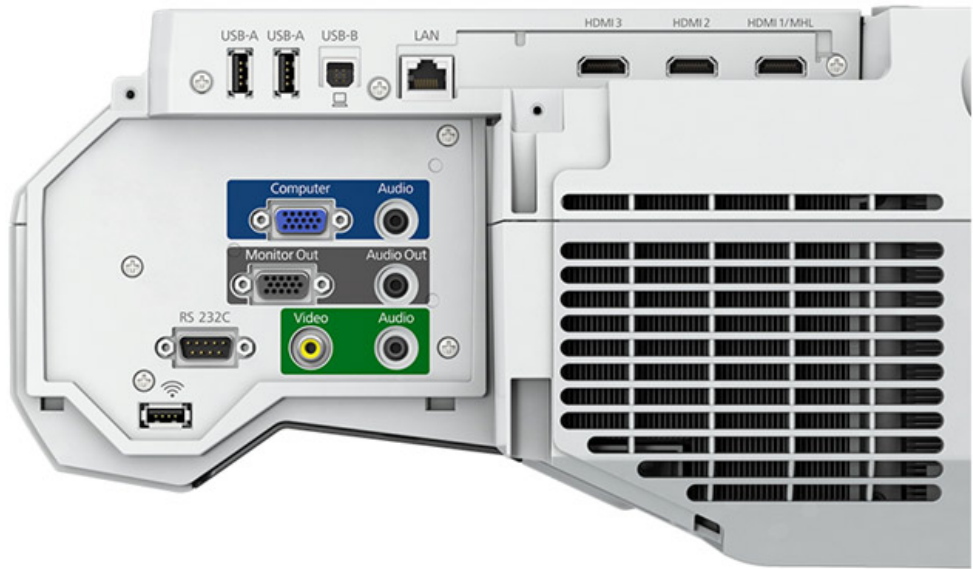
Copy Menu Settings for Multiple Display Installations — save on installation time; copy settings via a USB flash drive, USB cable or LAN

Easily Conserve Power

Epson delivers a number of features aimed towards conserving power and delivering top performance:

- ECO Mode** — operates the display in a lower brightness setting
- Light Optimizer Mode** — adjusts the lamp brightness, based on the projected image
- Auto Mode®** — sensor automatically adjusts the lamp brightness, based on the room environment
- Sleep Mode (A/V Mute)** — control your presentation; it's right at your fingertips
- Direct Power Off/On** — Instant Off® power the display on/off with the flip of a wall switch
- Standby Audio** — use the display's internal speakers or continue to pass audio out to an external speaker, even when the display is "off" (in Standby Mode)

Connectivity Panel



Specification

PRODUCT NAME	Epson EB-700U
PRODUCT CODE	V11H878553
TECHNOLOGY	
Projection Technology	Epson 3LCD, 3-chip technology
Light Source	Laser Diode
Projection System	RGB liquid crystal shutter projection system
LCD Panel	0.67-inch (D10)
OPTICAL	
Zoom Ratio	1.0 - 1.35 (Digital Zoom)
Screen Size (Projection Distance)	70.0" to 130.0" [40.5 to 78.1cm] 90" screen 53cm
Throw Ratio	0.27 (Zoom:Wide) 0.37 (Zoom:Tele)
Projection Lens Type	No Optical Zoom / Focus (Manual)
Projection Lens F Number	1.6
Projection Lens Focal Length	4.2 mm
Focus Method	Manual
Offset	5.8:-1
IMAGE	
White Light Output	4,000 lumens
Colour Light Output	4,000 lumens
Resolution	WUXGA
Native Aspect Ratio	16:10
Contrast Ratio	2,500,000:1

Keystone Correction	Vertical: -3 to +3 degrees Horizontal: -3 to +3 degrees
Colour Reproduction	Up to 1.07 billion colours
Colour Processing	10 bit
CONNECTIVITY	
Video I/O - Input	1x RGB D-sub 15pin 1x RCA Composite
Video I/O - Output	1x RGB D-sub 15pin
Digital Input	3x HDMI (1 supports MHL)
Audio I/O - Input	2x Stereo mini
Audio I/O - Output	1x Stereo mini
Control I/O	1x RS-232C D-sub 9pin
USB I/O	2x USB Type A (for USB Memory, USB Document Camera, Firmware update, Copy OSD settings) 1x USB Type B (for USB display, mouse, K/B, Control, Firmware update, Copy OSD settings)
Network I/O:	1x RJ45 (100Mbps) Wired LAN 1x USB Type A (for Optional ELPAP10 LAN unit)
Wireless Connectivity	Optional ELPAP10 Wireless LAN unit
Speaker Output	Monaural: 16 W x 1
ADVANCED FEATURES	
EasyMP Network Projector control and projector management via network	Yes
AMX Device Discovery	Yes
Crestron Integrated Partner	Yes
Crestron RoomView	Yes
Extron IP Link	Yes
Control4	Yes
EasyMP Network Multi PC Projection	Yes
Message Broadcasting	Yes
Firmware update	Network via LAN cable, USB A via USB thumb drive, USB B via USB cable
Copy OSD settings	Network via LAN cable, USB A via USB thumb drive, USB B via USB cable
Quick Wireless Connection	Yes
Wireless LAN Security	WPA/WPA2-Personal (with optional Wireless LAN Unit)
Instant Off	Yes
Direct Power On	Yes
Auto Power On	Yes (PC, USB-B, HDMI1)
Security	* Kensington® - lock provision * Wireless LAN unit lock * Password protect function (Power On, Network, Protection of User logo)
Colour Modes	Dynamic, Presentation, Cinema, sRGB, BlackBoard
Integrated Mount	Optional (ELPMB53)
GENERAL	
Dimensions (excl feet) WxDxH	494 x 437 x 172mm
Weight	11kg
Projector Warranty	5 Years or 20,000hrs (whichever comes first)*
Power Consumption	423W (Normal) 332W (ECO)
Power Consumption: Networked Standby	2.0W
Power Consumption: Energy Saving	0.3W
Air Filter maintenance cycle	up to 20,000 hours
Fan Noise Level	38dB (Normal) 27dB (ECO)
* Whichever comes first. For more information visit Epson Projector Warranty .	
WHAT'S IN THE BOX	
Main Unit	EB-700U Projector
Power Cable	4.5M
Computer Cable	1.8M
Remote Control	Yes
Battery for Remote Control	AA x 2
Feet for main unit	Yes
Password Protect sticker	Yes

PRODUCT OPTIONS	Description
V13H134A43	Air Filter ELPAF43
V12H902040	Wall Mount ELPMB53
V12H467053	External speakers ELPSP02
V12H758053	Wireless LAN ELPAP10
V12H731P01	Document Camera ELPDC21

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Usage Conditions

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This printer is designed to function only with genuine Epson ink cartridges and not with third party ink cartridges. The printer may not function properly or at all if you use third party ink cartridges.

Consumables

ACCESSORIES & OPTIONS	PRODUCT CODE
<u>ELPAP10 Wireless LAN Adapter</u>	V12H731P01
<u>ELPMB29 Table Mount</u>	V12H516040
<u>ELPSP02 External Speakers - 2 x 15W</u>	ELPSP02
<u>ELPAF43 Air Filter</u>	V13H134A43

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