

XHB552-EUK



55" Xtreme™ High Bright Outdoor Display

There has never been an outdoor daylight readable display built to withstand the harsh outdoor elements like the Peerless-AV® Xtreme™ High Bright. Featuring a fully sealed, IP68 Rated design and a patented Dynamic Thermal Transfer™ System, Xtreme High Bright Outdoor Displays are maintenance-free, with no fans, vents or filters, and are fully protected against water, dust, moisture and even insects. The display's cover glass is optically bonded, which increases the perceived contrast ratio and cuts down on glare, providing amazing picture quality even in direct sunlight. With an operating temperature range of -35°C to 60°C, Xtreme Displays are designed to thrive year-round outside, without worry of extreme hot or cold temperature waves. This High Bright line of commercial displays offer 2500nits of light output to combat high ambient lighting conditions, while the ambient light sensor automatically adjusts the display's brightness to optimize the power consumption and enhance the viewing experience. Providing unmatched capabilities, Xtreme High Bright Outdoor Displays are the perfect digital signage or entertainment solution for any professional application.

All Weather Rated (IP68)



Operating Temperature Range:
-35°C to 60°C

- Optically bonded, anti-reflective cover glass increases the perceived contrast ratio and cuts down on glare, providing amazing picture quality, even in direct sunlight
- Daylight readable with LED backlight and full HD 1080p resolution for a bright, crisp picture
- Includes Quarter Wave Plate polarizer, allowing for portrait and landscape installations
- IPS panel provides colour accuracy, even at the harshest of angles
- Remote and Local monitoring, supported via IP addressable user interface, for temperature, humidity, and power draw diagnostics of the display
- Convenient cavity to store localised small format media players (Internal - 356mm x 159mm x 33mm Opening - 306mm x 127mm)

■ AMBIENT LIGHT SENSOR

Automatically adjusts brightness to best match the lighting conditions, which optimizes the display's power consumption and enhances the viewing experience (optional ALS extender accessory available)

■ HIGH BRIGHT OUTPUT

Offers 2500nits of light output to combat high ambient lighting conditions



■ FULLY-SEALED DESIGN

Highest environmental rating (IP68) prevents the ingress of foreign materials, such as water, dust, moisture and insects, from entering the display

■ IK10 RATED, IMPACT RESISTANT, TEMPERED COVER GLASS

Protects the screen against vandalism and debris

■ M+ TECHNOLOGY

Offers high bright display performance, while also providing up to a 35% decrease in power consumption



■ PATENTED DYNAMIC THERMAL TRANSFER™ SYSTEM

Keeps internal components properly cooled in extreme heat



RoHS

FC

CE

IP

UL

US

EAC

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peerless-av.com

peerless-AV®
Driving Technology Through Innovation

Model Numbers

WARRANTY: 2 years**XHB552-EUK****55" Xtreme™ High Bright Outdoor Display**

LCD Display

ACTIVE SCREEN SIZE	54.63" (1388mm)
PIXEL PITCH	.210 x .630mm
ASPECT RATIO	16:9
RESOLUTION	1920 x 1080
COLOUR DEPTH	8Bit (16.7 Million Colours)
BRIGHTNESS	2,500cd/m²
BACKLIGHT ADJUSTMENT	Automatic (Ambient Light Sensor)
CONTRAST RATIO	1300:1
VIEWING ANGLE	178° Vertical/Horizontal
RESPONSE TIME	12ms (Grey to Grey)
REFRESH RATE	60Hz

Environmental

OPERATING TEMPERATURE	-35°C - 60°C (-31°F - 140°F)
IP RATING	IP68
SAFETY/EMC	FCC Class A

Power

AC INPUT	100 VAC to 240 VAC, 50 to 60 Hz	POWER CONSUMPTION	186W
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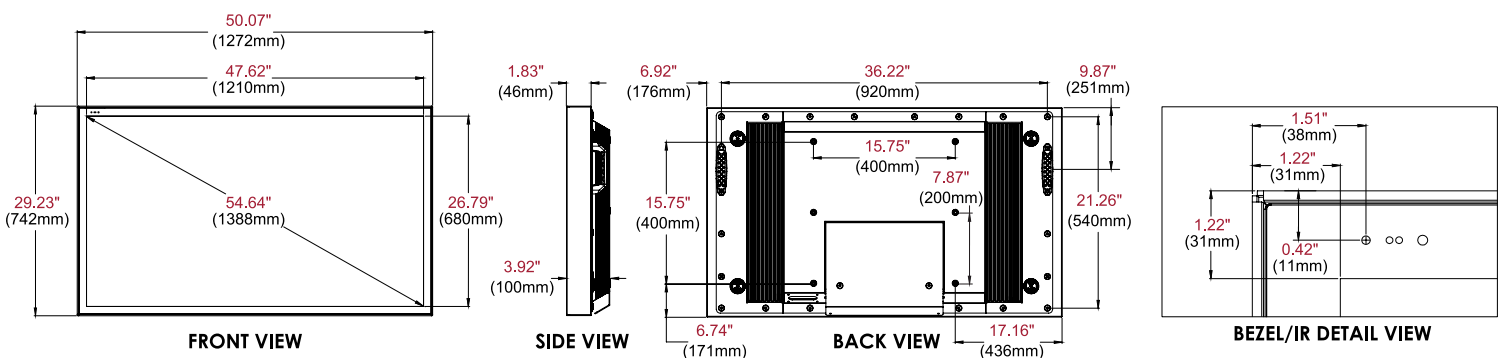
Package Specifications

	PACKAGE SIZE (W x H x D)	PACKAGE SHIP WEIGHT	PACKAGE UPC CODE	PACKAGE CONTENTS	PALLET SIZE (W x D)	UNITS IN PACKAGE
XHB552-EUK	1405 x 872 x 212mm (55.31" x 34.33" x 8.35")	66kg (145lb)	735029322597	Display, Waterproof Universal Remote Control, User's Guide, Hex Wrench, Power Cord, IR Extender	1200mm x 1000mm (4x per pallet)	1

Accessories

EDS-VW765-LAND: SmartMount® Outdoor Full Service Video Wall Mount, Landscape
EPA762PU: Outdoor Articulating Wall Mount
EPT650(-S): Outdoor Universal Tilt Wall Mount
ESA763PU: Outdoor Articulating Wall Mount
ESF655P: Outdoor Universal Flat Wall Mount, Portrait
ECMU: Wind Rated Ceiling Mount
EPMU: Wind Rated Pedestal Mount
EWMU: Wind Rated Wall Mount

ACCD-05K: 5 Volt Accessory Kit
ACCD-12K: 12 Volt Accessory Kit
ACCD-ALG: Analog Accessory Kit
ACCD-ALS: Ambient Light Sensor Extender
CLCOV-LG-BLK: Display Cover - Large
KOP555-XHB-EUK: 55" Outdoor Portrait Kiosk
KOL555-XHB-EUK: 55" Outdoor Landscape Kiosk
KOP2555-XHB-EUK: 55" Outdoor Portrait Kiosk

All dimensions = **inch (mm)**

Architect Specifications

The Xtreme™ High Bright Outdoor Display shall be a Peerless-AV model XHB552-EUK and shall be located where indicated on the plans. Assembly and installation shall be done according to instructions provided by the manufacturer.

Visit peerless-av.com to see the complete line of AV solutions from Peerless-AV, including outdoor displays, wireless, kiosks, digital audio, display mounts, projector mounts, carts/stands, and a full assortment of accessories.

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