Acer X series

Acer X1228H

The projector for every requirement

- Light technology: 220 watt Philips UHP
- Resolution: XGA (1,024 x 768 px)
- Brightness: 4,500 (standard), 3,600 (eco) ANSI lumens
- Contrast: 20,000:1
- Life (hr.): 6,000 (standard), 10,000 (eco), 15,000 (ExtremeEco)
- Warranty: 2 years PickUp service, 1 year for the lamp, 5 years for the DLP Chip

Resolution

Brightness

Keystone Correction

HDMI 3D

I/O Power On

AC power on

Acer X1228H SPECIFICATIONS

Ordering Information

Model	X1228H
Part Number	MR.JTH11.001
EAN	4710886147909

Technical Specifications

Projection technology	DLP 3D Ready & HDMI 3D
DLP Chip	0,55" BrilliantColor™
Version	DarkChip™ 3 DMD
Resolution	XGA (1,024 x 768 px)
Display Format	4:3 (native) / 16:9 (supported)
Contrast	20,000:1
Displayable Colours	1.07 Billion Colors
Brightness	4,500 (standard), 3,600 (eco) ANSI lumens
Focus / Focal distance	F = 2.41 ~ 2.53 / f = 21.85 ~ 24.00 mm
Projection size (diagonal)	0.58 ~ 7.62 m
Projection distance	1.00 ~ 11.80 m
Throw ratio	1.94 ~ 2.16:1
Zoom / Digital-Zoom	1:1.1x / 2x
Image Offset	130 %
Horizontal / Vertical frequency	15 ~ 100 kHz/24 ~ 120 Hz
Projection Modes	Front- / Rear- & Front-Ceiling- / Rear-Ceiling-Projection
Light technology	220 watt Philips UHP
Life (hr.)	6,000 (standard), 10,000 (eco), 15,000 (ExtremeEco)
Keystone Correction	+/- 40° (vertical) manual & automatic
Speaker	1x 3 watt
Weight / incl. packaging (kg)	2.80 kg /3.90 kg
Dimensions / Shipping dimensions (mm)	313 x 240 x 114 /400 x 168 x 340
Power Consumption	275 (standard), 205 (eco), < 0.5 watt (standby)
Noise level	32 (standard), 24 (eco) dB
Uniformity (%)	80 %
Color	-

Input Ports

HDMI with HDCP	1x
VGA analog D-Sub	1x
Composite Video RCA	1x
Audio in (3.5mm)	1x

Output Ports

USB Type A	1x DC Out 5V
Audio out (3.5 mm)	1x
D-Sub Out (for Monitor Loop Through)	1x

Network and Control Ports

RS232	1x

Included Accessory

PIN security card	PIN security
Power adapter IEC 320 C13	1x (Euro-plug)
VGA cable 15pol	1x (1.80 m)
IR remote control	1x (PgUp / PgDown & freeze function) black
Lens cap	1x
Quick Start Guide	1x

Optional Accessory

Universal ceiling mount short	4713147892877 / MC.JLC11.002
Universal ceiling mount long	4713147892884 / MC.JLC11.003
Acer 3D Shutterbrille	4713147532261 / MC.JFZ11.00B
Acer CastMaster Buttons	4710180557206 / MC.40511.00N
Acer Wireless Mirror	4713883764520 / MC.JQC11.008
Acer CastMaster Touch	4710180784336 / MC.40511.00Y

Warranty

Warranty	2 years PickUp service, 1 year for the lamp, 5 years for the DLP Chip

Usage recommendation

Usage recommendation	Best price-performance for home and office

Projection Distance Calculator

Projection Distance Calculator	https://www.acer.com/ac/de/CH/content/acer-projection-calculator

Acer CastMaster Presentation System

Acer CastMaster Buttons (WPS-1)

MC.40511.00N

Connect receiver with projector & transmitter with end device - and present immediately. Plug & Play, no software or Internet connection required and up to 4 Picture-in-Picture.

Acer CastMaster Presentation System

Acer CastMaster Transmitter for WPS-1 (HDMI)

MC.40511.00P

Expand your Acer CastMaster System (WPS-1) with another transmitter to easily present from even more terminals.

Acer CastMaster Presentation System

Acer CastMaster Touch (WPS-2)

MC.40511.00Y

Connect receiver with projector & transmitter with end device - and present immediately. Plug & Play, no software or internet connection required and host control.

Acer CastMaster Presentation System

Acer CastMaster Transmitter for WPS-2 (HDMI)

MC.40511.00U

Expand your Acer CastMaster System (WPS-2) with another transmitter to easily present from even more terminals.

Acer CastMaster Presentation System

Acer CastMaster Transmitter for WPS-2 (USB Type-C)

MC.40511.00X

Expand your Acer CastMaster System (WPS-2) with another transmitter to easily present from even more terminals.

Installation

Universal Ceiling Mount short

MC.JLC11.002

Easily mount your projector to the ceiling with 360° rotation and up to 25° tilt.

Installation

Universal Ceiling Mount long

MC.JLC11.003

Easily mount your projector to the ceiling with 360° rotation and up to 25° tilt.

3D Projection

DLP 3D Glasses

MC.JFZ11.00B

Dive even deeper into the projected content and experience true 3D.

Wireless Projection

WirelessMirror (HWA1)

MC.JQC11.008

Cable chaos was yesterday! Welcome to the age of wireless projection!

Acer ColorBoost 3D

Acer ColorBoost 3D: Acer ColorBoost 3D is the innovative combination of a continuously improved image processing algorithm, the latest DLP chipset, an optimized design of the 6-segment color wheel and advanced lighting control technology. As a result, Acer projectors are able to project absolutely lifelike colors throughout their life cycle - in both 2D and 3D modes.

Acer Color Safe II

Acer ColorSafe II guarantees consistent, brilliant and natural color projection throughout the life of the projector. This is ensured by the use of DLP® technology and a 5-year warranty
on the DLP® chip. Projectors without DLP® technology experience a decrease in colour brilliance over time.

AC Power On

With the AC Power On function, the projector is able to turn on automatically when the projector is powered. You no longer need to turn on the projector separately, but can start the projector directly, for example by turning on the power in the meeting room.

HDMI Power On

With the HDMI Power On function, the projector is able to turn on automatically when the projector receives a signal via HDMI or VGA. You no longer need to start the projector separately, but can simply switch on your notebook, receiver or game console and the projector will automatically switch on as well.

Auto Ceiling Mount Correction

Auto Ceiling-Mount Correction: The built-in gravity sensor in the Acer projector detects when the projector is mounted overhead on a ceiling and automatically rotates the projection 180° without any additional menu adjustments.

Automatic Keystone Correction

Thanks to the automatic vertical keystone correction, the Acer projector automatically compensates for trapezoidal distortion if the projector is not positioned exactly vertically and projects a rectangular image.

Bluelight Shield

BluelightShield allows users to lower levels of blue light to lessen the negative effects of blue light exposure. There are three levels of filter in projector suitable for different scenario. Each level also contains dynamic mechanism that will optimize the blue light level based on content. BluelightShield can reduces up to 30% blue light and protect your eyes.

HDMI 3D

HDMI 3D: The integrated HDMI 1.4a standard allows 3D content to be transferred from suitable playback devices such as 3D Blu-ray players, 3D set-top boxes and 3D game consoles without the need for an additional PC. For example, Acer 3D shutter glasses Bluray 3D movies and 3D TV shows can be viewed in your living room up to 7.62 meters (300") diagonal.

Acer Smart Format Technology

Acer SmartFormat technology supports a wide range of input signals, eliminating the need for switching on your notebook/PC, DVD player and receiver. Signals up to 1080p can be received by Acer ColorBoost projectors with HDMI* using Acer SmartFormat technology and can be played back in compressed form.

*Depends on model

Original 24p

Experience true cinema at 24 frames per second. The Acer Blu-Ray projector reproduces films in the original cinema format as they were shot on the film set. See 24p movies through the eyes of the director.

Top Loading Lamp Design

The Top-Loading Lamp design allows for easy lamp replacement without having to disconnect the Acer projector from the bracket when installing overhead via the top of the cabinet. The replacement is comparable to changing an energy-saving lamp.

Acer LumiSense

Acer LumiSense technology uses an ambient light sensor to detect brightness in the projection environment and adjust brightness and color saturation accordingly. In addition, Acer LumiSense also analyzes the projected image and dynamically optimizes the quality of the displayed image.

Installation menu

With the help of the installation menu, the Acer projector can be perfectly aligned with the surface to be projected in no time at all. The Installation menu can be accessed by pressing the Menu button even if no source is connected to the projector.

Quick Detection

The Quick Detection function quickly, reliably and automatically detects the connected source and immediately displays the image. Supported by SmartFormat technology, the projector can project immediately without any major adjustments.

Wall Color Compensation

Wall-Color Compensation: Best image quality enables wall color correction on colored projection surfaces such as blackboards and wallpaper. 5 optimised wall colours can be compensated easily and without any further settings via the menu for best picture quality.

PIN Security

Acer PIN Security provides the ability to set a PIN to protect the Acer projector from unauthorized use and theft. A lost PIN can only be reset by the Acer Service after ownership verification.

Auto Shutdown

The Auto Shutdown function automatically shuts down the Acer projector, if no input signal is received after a preset time. This function can be set individually via the menu and helps to save power and lamp hours.

Due to our ongoing commitment to the continuous improvement of the quality of our products, this data sheet is subject to change without notice. Availability may vary from region to region. Acer is not responsible for any errors or omissions in the product descriptions. Copyright 2020 Acer Computer GmbH, Germany. All rights reserved. Acer and the Acer logo are registered trademarks of Acer Incorporated. All other mentioned or otherwise recognizable trademarks, registered trademarks and/or service marks are the property of their respective owners. All prices quoted are recommended retail prices of the manufacturer.