Acer M series

Acer M311

Rich colours and excellent picture quality for your smart home cinema

Experience smart entertainment at home with the Acer M311. The M311 features SmartTV integration, allowing you to download apps like Netflix or YouTube and stream movies directly.

The brightness of 4,500 ANSI lumens and strong 20,000:1 contrast provide a bright and crisp image on a screen diagonal of up to 300". Thanks to wireless projection, content can also be played back wirelessly via laptop or smartphone. Media playback via a USB stick is also possible.

- Light technology: 220 watt Philips UHP
- Resolution: WXGA (1,280 x 800 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

4500 ANSI LM	24/7		40°		AUTO	HDMI 3D		
Brightness	24/7 Operation	Built-in Speaker	Keystone Correction	MULTIMEDIA READER	KEYSTONE CORRECTION	HDMI 3D	I/O Power On	AC power on

Ordering Information

Model	M311
Part Number	MR.JUT11.00M
EAN	4710886681878

Technical Specifications

Projection technology	DLP 3D Ready & HDMI 3D
DLP Chip	0.65" BrilliantColor™
Version	DarkChip™ 3 DMD
Resolution	WXGA (1,280 x 800 px)
Display Format	16:10 (native) / 4:3 & 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)	0.75 ~ 7.62 m
Projection distance	1.00 ~ 10.00 m
Throw ratio	1.54 ~ 1.72:1
Zoom / Digital-Zoom	1:1.1x / 2x
Image Offset	117 % %
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 10 watt
Weight / incl. packaging (kg)	2.70 kg / 4.20 kg
Dimensions / Shipping dimensions (mm)	313 x 240 x 114 / 400 x 168 x 340
Power Consumption	265 (standard), 205 (eco), < 0.5 watt (standby)
Noise level	32 (standard), 24 (eco) dB
Uniformity (%)	80 %
Color	white

Input Ports

HDMI with HDCP	2x (1.4a)
VGA analog D-Sub	1x
Composite Video RCA	1x
Audio in (3.5mm)	1x

Output Ports

USB Type A	3x (1x In for wireless adapter, 1x DC Out 5V)
Audio out (3.5 mm)	1x

Network and Control Ports

RS232	1x

Included Accessory

Power adapter IEC 320 C13	1x (Euro-plug)
HDMI cable	1x (1.80 m)
IR remote control	1x
Lens cap	1x
Carrying case	1x
Quick Start Guide	1x
Other accessories	1x USB Wireless Adapter

Optional Accessory

Universal ceiling mount short	4713147892877 / MC.JLC11.002
Universal ceiling mount long	4713147892884 / MC.JLC11.003

Warranty

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

Usage recommendation

Usage recommendation	Home cinema

Projection Distance Calculator

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

Installation

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

Installation

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

acer

Hidden Dongle Design

Acer Hidden Port Design: The Acer Hidden Port allows you to integrate a compatible wireless adapter without external limitations. The adapter integrates seamlessly into the case, maintaining a stylish design with no rough edges.

HIDDEN DONGLE DESIGN

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.

AUTO SHUTDOWN

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.

WALL-COLOR COMPENSATION

Multimedia Playback

Multimedia Playback: Project images, videos, music, office files or PDF documents directly from the USB stick. You don't even have to switch on your PC!

USB READER

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.

INSTALLATION MENU

Acer Football Mode

Bring the stadium to your home with Acer Football Mode. The mode automatically adjusts image brightness, saturation, sharpness and gamma to make skin tones more vivid and greens more vivid. Ideal for football fans and sports enthusiasts.

Football Mode

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.

LUMISENSE

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.

TOP LOADING LAMP

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.

TRUE 24P FILM SUPPORT

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 Smart-Format technology and can be played back in compressed form. *Depends on model

SmartFormat

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.

HDMI 3D

24/7 Operation

This projector promises maximum reliability and delivers a brilliant image even in 24/7 continuous use.* Especially for signage applications, but also for exhibitions in museums or similar, this projector can be used without any worries. * Acer recommends that the projector is switched to standby mode for 30 minutes every 7 days.

24/7 Operation

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.

BluelightShield™

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.

AUTO KEYSTONE CORRECTION

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.

CEILING-MOUNT CORRECTION

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.

I/O Power On

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.

AC power on

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.

ColorSafe II