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Acer H series

Acer H7550ST

Rich colours and excellent picture quality for your home cinema

- Resolution: 1080p Full HD (1,920 x 1,080 px)
- Brightness: 3,000 (standard), 2,400 (eco) ANSI lumens
- Contrast: 16,000:1
- Lamp life (hr.): 4,000 (standard), 6,000 (eco), 8,000 (ExtremeEco)
- Warranty: 2 years PickUp service, 1 year for the lamp, 5 years for the DLP Chip
- Usage recommendation: Home cinema

Short Throw | 3000 ANSI LM Brightness | 1920 X1080 FULL HD | NVIDIA 3DTV PLAY READY | 40° Keystone Correction | HDMI 3D | AC power on | ColorSafe II

Ordering Information

Model	H7550ST
Part Number	MR.JKY11.00L
EAN	4713147709984

Technical Specifications

Projection technology	DLP 3D Ready & nVIDIA 3DTV Play & HDMI 3D
DLP Chip	0.65" BrilliantColor™
Version	DarkChip™ 3 DMD
Resolution	1080p Full HD (1,920 x 1,080 px)
Display Format	16:9 (native) / 4:3 (supported)
Contrast	16,000:1
Displayable Colours	1.07 Billion Colors
Brightness	3,000 (standard), 2,400 (eco) ANSI lumens
Focus / Focal distance	F = 2.60 ~ 2.78 / f = 10.20 ~ 11.22 mm
Projection size (diagonal)	1.37 ~ 7.62 m
Projection distance	0.90 ~ 4.60 m
Throw ratio	0.69 ~ 0.76:1
Zoom / Digital-Zoom	1:1.1x / 2x
Image Offset	106 %
Horizontal / Vertical frequency	15 ~ 100 kHz/24 ~ 120 Hz
Projection Modes	Front- / Rear- & Front-Ceiling- / Rear-Ceiling-Projection
Lamp / type	210 watt Osram UHP
Lamp life (hr.)	4,000 (standard), 6,000 (eco), 8,000 (ExtremeEco)
Keystone Correction	+/- 40° (vertical) manual & automatic
Speaker	2x 10 watt (DTS Sound, Bluetooth speakers & headphones supported)
Weight / incl. packaging (kg)	3.40 kg /6.40 kg
Dimensions / Shipping dimensions (mm)	357 x 241 x 98 /470 x 250 x 415
Power Consumption	269 (standard), 210 (eco), < 0.5 watt (standby)
Noise level	33 (standard), 30 (eco) dB
Uniformity (%)	85 %

Input Ports

HDMI with HDCP	1x
HDMI / MHL with HDCP	2x
VGA analog D-Sub	1x
Composite Video RCA	1x
Component (3 RCA)	1x
S-Video Mini DIN	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

USB Type B mini	1x
RS232	1x
USB B (Remote Computer Control)	1x

Included Accessory

PIN security card	PIN security
Power adapter IEC 320 C13	1x (Euro-plug)
VGA cable 15pol	1x (1.8 m)
IR remote control incl batteries	1x (PgUp / PgDown & freeze function) white
Lens cap	1x
User Manual on CD	1x
Quick Start Guide	1x
Other accessories	1x 3D glasses

Optional Accessory

Spare lamp	4713147561209 / MC.JKY11.001
Universal ceiling mount short	4713147892877 / MC.JLC11.002
Universal ceiling mount long	4713147892884 / MC.JLC11.003
Acer 3D Shutterbrille	4713147532261 / MC.JFZ11.00B
Acer WirelessHD Kit	4713147715251 / MC.JKY11.009
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	Home cinema

Projection Distance Calculator

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

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.

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.

Bluetooth Audio

Can one projector be just one projector? No! Thanks to Bluetooth Audio, you can connect your notebook, tablet or smartphone to the projector via Bluetooth and turn it into a music box.

Who needs a jukebox when you can have a projector?

Customizable startup screen

The Customizable Startup Screen allows you to create an individual startup screen per screenshot. This startup screen, no matter if it is the business user's company logo or a home user's favorite photo, is automatically displayed when the projector is started.

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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.

nVIDIA 3DTV Play ready

With the nVIDIA 3DTV Play ready function, the user can play and view any nVIDIA 3D Vision compatible game, compatible pictures and movies and frame sequential content from the PC with appropriate software.

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.

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Instant Pack

InstantPack guarantees the lamp safety of Acer ColorBoost projectors. The current lamps from renowned manufacturers such as Osram and Philips are not damaged in the event of a sudden loss of power. (Acer recommends that the projector be powered until the fan stops) The lamp warranty is 1 year with no hour limit.

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.

MHL Connectivity

The MHL connectivity (via the MHL™/HDMI™ port) allows you to transmit an uncompressed digital HDMI signal from your smartphone while it is charging via the port. Using the unique optional Acer MHL wireless adapter, content can even be wirelessly transferred from a video source to the projector via Miracast WiFi Display, WiDi Wireless Display or DLNA.

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.

Hidden Dongle Design

Acer Hidden Port Design: The Acer Hidden Port is located under the lid of the case and offers the possibility to connect the Acer WirelessCAST MWA3 or the Acer WirelessHD-Kit MWiHD1 to the HDMI/MHL connection there and to project wirelessly. The Google Chromecast, for example, is also supported thanks to the micro-USB power supply.

Short Throw Distance

Short Distance Projection: Thanks to Short Distance Projection, you can project an incredibly large image even at the smallest projection distance.

Short Distance projectors are particularly suitable for schools or conference rooms, but also for any room with limited size. Thanks to short distance, you don't have to do without a projection experience even in small rooms.