MC-TW3506 LCD Projector

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Ultra short throw LCD projector with a suite of advanced features delivering a complete interactive experience.

Key Features

- WXGA 1280 x 800 resolution
- 3,700 ANSI lumens white/color output
- 20,000 : 1 contrast ratio
- HDMI 2 inputs (1 shared with MHL)
- Powered Focus / Perfect Fit 2
- Interactive pens and multi-pen capability
- Auto-calibration
- PC-less drawing
- HDCR2/Accentualizer/ Image Optimizer
- Optional Finger Touch module
- Moderator Control Mode
- Multi-projector
- Smart Device Control
- Compatible with other top interactive software
- StarBoard Interactive Software included with no yearly subscription fee!

FREE! StarBoard Interactive Software

The innovative interactive MC-TW3506 features an ultra short throw design and integrates Maxell's powerful software to deliver a complete interactive experience on any flat surface. With a rich feature set that meets the specific interactive needs of K-12, higher education, and corporate users, the MC-TW3506 is both easy to install and easy to calibrate. It provides vibrant image quality with cost-effective operation and produces large images in small spaces. New generation interactive features include interactive pen, multiple pen capability, auto-calibration, PC-less drawing, and multi-display interactive. If you purchase the optional Finger Touch Module (FT01B), the MC-TW3506 supports interactive with Finger Touch. Additionally, a suite of advanced features normally found only on the higher end models includes High Dynamic Contrast Range (HDCR2), 2 HDMI ports, and Maxell's original technology Accentualizer that allows the projected image to appear more real by enhancing sharpness, gloss and shade. As with all Maxell projectors, you can expect vibrant image quality, cost-efficient operation, and long-lasting reliability. Plus, Maxell's Intelligent Eco and Saver Modes with ImageCare combines optimal picture performance with energy-savings for a lower total cost of ownership. For added peace of mind, Maxell's MC-TW3506 is also backed by a generous 3-year warranty and our world-class service and support programs.

MC-TW3506

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www.maxellproav.com

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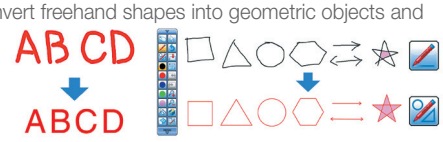
INTERACTIVE FEATURES

INTERACTIVE SOFTWARE

This product includes a drawing application that offers more sophisticated drawing functions.

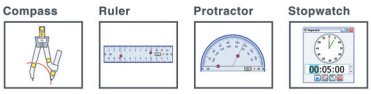
Neatly Convert Letters or Figures

You can automatically convert freehand shapes into geometric objects and handwriting into text on projected images. These operations are easily accomplished with the interactive pens.



Select a Variety of Useful Tools

The interactive pen lets you operate a compass, ruler, protractor, stopwatch and other useful tools on the projected image, making lessons even easier to understand.

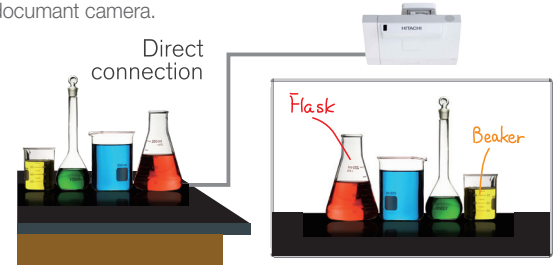


ADVANCED WRITING/DRAWING CAPABILITIES

This projector comes with a built-in function allowing you to directly draw and write on the projected screen without a PC.

Directly Draw on the Projected Screen

You can write and draw on images projected from connected devices such as a documant camera.



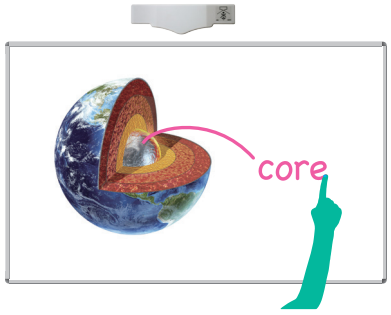
Save and Open Drawn Screens

You can save the image drawn on the projector screen. This enables you to easily manage what you've taught in the past.

Finger Touch Option

This projector incorporates the optional finger touch unit that enables the projector to detect finger touch activity on the screen area. It allows users to annotate and interact with the material presented. Instead of simply showing static images, students and teachers can interact with on screen material for hands-on interactivity that brings learning to life.

When using the finger touch unit in a bright environment, auto-calibration may not be used. Must be used on a flat screen. The finger touch unit may not be used in locations where there is sunlight or light from an incandescent light source.

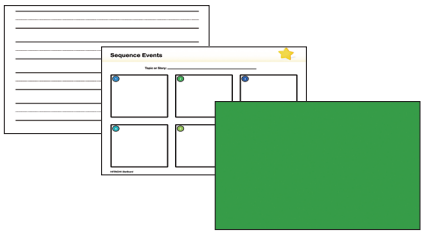


Convenient Painter Tool

Equipped with the Pen, Eraser, Undo, Redo, functions. You can also change the pen color and thickness. With the easy-to-use Painter tool bar, you can teach classes smoothly.

Variety Rich Templates

You can conveniently use the interactive function with over 100 pre-installed templates including graphs, graphic organizers, plain color and many more.



Multiple Interactive Pens

With up to 6 interactive pens, pupils can do more than just watch–they can interact with the onscreen content. Let them enjoy providing answers, showing their understanding and becoming involved in lessons like never before.

Windows® Multi Touch

Windows® 8.1/10 multi touch allows users with touch enabled Windows® 8.1/10 systems to operate the PC directly from the interactive screen with up to 6 pens or touches including Windows® 8.1/10 gesture.

Optional Finger Touch unit required.

Smart Device Control

Plugging the optional USB wireless adapter into the projector and using the dedicated free online application developed by Maxell, projectors can be controlled from a tablet or smartphone.

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UNIQUE FEATURES

Starboard Interactive Presentation Software
Maxell's world-class interactive StarBoard Software (SBS) is the next standard in collaboration, information sharing and dynamic presentation software. With a customizable interface and toolbar, Starboard streamlines your workflow and improves production. While you would expect to pay hundreds of dollars extra for similar interactive software from the competition, Maxell bundles it as a standard feature with each interactive projector.

Accentualizer
Maxell original technology makes pictures look more real by enhancing sharpness, gloss and shade to make pictures as clear as pictures on a flat-panel device. You can also adjust the effects by three levels according to your surroundings so that the colors of projected images are the actual colors of the objects they represent.

HDCR2 (High Dynamic Contrast Range)
When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. The recent enhancement to HDCR2 achieves not only auto tone enhancement but also auto color enhancement. This results in clear images even in bright rooms.

ImageCare Technology
ImageCare is a lamp power control function that combines optimal picture performance with maximum energy savings by decreasing energy usage, improving contrast ratio and lengthening lamp life. The result is a lower total cost of ownership and decreased maintenance cost.

Image Optimizer
The Image Optimizer automatically adjusts HDCR and Accentualizer to improve visibility as lamp brightness dims over time.

Intelligent Eco and Saver Modes
Automatically changes the brightness of the lamp according to the brightness level of the screen. Also, automatically changes the brightness of the lamp if there is no change in the screen image. Using ImageCare technology, these features give optimal picture performance with maximum energy savings.

MHL™
MHL (Mobile High-Definition) allows users to mirror their phone/tablet screen with the projector display. It is compatible with any and all apps.

Perfect Fit 2
Enables the user to adjust individual corners and sides independent of one another. Perfect Fit 2 provides vertical and horizontal digital correction of either barrel or pin cushion distortions. This feature helps correct geometric and complicated distortions. Perfect Fit 2 allows the projected image to fit correctly to the screen quickly and easily.

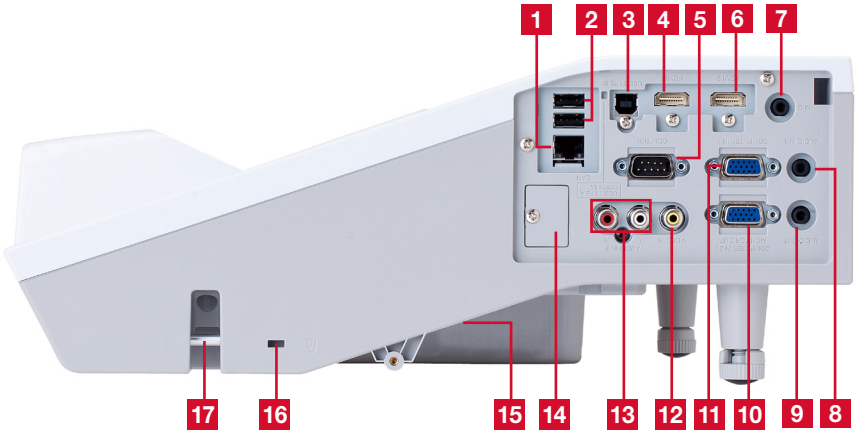
3/4 View
(with cable cover)

Front View (with cable cover)

Top View (with cable cover)

Ceiling/Wall Mounted
(with cable cover)

Input/Outputs



1. LAN
2. USB Type A x 2
3. USB Type B
4. HDMI 1/MHL
5. Control (RS-232C)
6. HDMI 2
7. Microphone Input
8. Audio in
9. Audio out
10. Computer in 2/ Monitor out
11. Computer in 1
12. Video in
13. Audio in 2
14. Finger Touch B Unit Power
15. AC in (located on back side of the projector)
16. Kensington Lock
17. Security Bar

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Accessories

Supplied Accessories	Remote control, AAA batteries x 4, power cord (4.5m) x 1, computer cable, cable cover, adapter cover, user's manuals and CD, application CD and DVD, USB cable, interactive pen x 2, pen tips x 4, AA batteries x 2, PIN code sticker
Optional Accessories	Finger touch unit (FT-01B), interactive pen (I-PEN4), wireless adapter (USBWL5G), wall mount (HAS-WM05), table stand kit (TT-03), Apple TV bracket (HAS-RB01)

Replacement Parts

Lamp	DT01411 with filter
Remote Control	HL03033
Filter	UX37191

Projection Throw Chart (In inches)

Screen Size 16:10	Throw Distance	
Diagonal	**Distance from edge of projector to screen**	**Distance from mirror cover to screen**
60	5.0	16.1
70	7.8	18.9
80	10.5	21.6
90	13.3	24.4
100	16.1	27.1

Throw Ratio: (distance : width)
0.2 : 1 from edge of projector
0.3 : 1 from mirror cover

FREE!
StarBoard Interactive Software

- Comes bundled with Maxell interactive projectors
- World-class integrated software
- Collaborate, integrate, annotate

CRESTRON CERTIFIED INTEGRATED PARTNER

AMX BY HARMAN DEVICE DISCOVERY

Specifications

Display	**Projection Technology**	3LCD, 3 chip technology
	Resolution	WXGA 1280 x 800
	White Light Output	3,700 ANSI lumens
	Color Light Output	3,700 ANSI lumens
	Colors	16.7 million colors
	Aspect Ratio	Native 16:10, 4:3, 16:9, 14:9 and zoom compatible
	Contrast Ratio	20,000 : 1 (using active IRIS)
	Throw Ratio (distance : width)	0.2 : 1 from edge of projector to screen 0.3 : 1 from mirror cover to screen
	Focus Distance	16" - 27" from mirror cover to screen
	Display Size	60" - 100"
Lens & Operation	**Lens**	f = 4.21 mm, digital zoom x 1.35, powered focus
	Lamp Wattage	250W
	Expected Lamp Life*	Approximately 4,000 hours (standard mode) 6,000 hours (Eco-2 mode)
	Expected Filter Life**	Approximately 4,000 hours
	Speaker Output	16W x 1
	Keystone	H and V: +/- 5°
Compatibility	**Computer**	VGA, SVGA, WXGA, WXGA+, SXGA, SXGA+, UXGA (compressed), MAC 16"
	H-Sync	15 kHz - 106 kHz
	V-Sync	50 Hz - 120 Hz
	Composite Video	NTSC, NTSC4.43, PAL, PAL-M, -N, SECAM
	Component Video	480i, 480p, 576i, 576p, 1080i, 1080p
	HDMI	480i, 480p, 576i, 576p, 1080i, 1080p, computer signal TMDS clock 27 MHz - 150 MHz
	MHL In	HDMI connector x 1 (HDCP compliant) shared with HDMI 1 input
Connectors	**Digital Input**	HDMI x 2 (HDCP compliant) (1 shared with MHL)
	HDMI In	HDMI Connector x 2 (HDCP compliant)
	Computer Input 1	15-pin mini D-sub x 1 (shared with analog component video input)
	Computer Input 2	15-pin mini D-sub x 1 (shared with component video input and monitor out)
	Computer Monitor Output	15-pin mini D-sub x 1 (shared with computer in 2)
	Video Input	
	Composite Video	RCA jack x 1
	Component Video	15-pin D-sub x 2 (shared with computer in 1/2)
	Audio Input	3.5 mm stereo mini jack x 1, RCA jack (L/R) x 1
	Audio Output	3.5 mm stereo mini jack x 1
	Network LAN Wired	RJ-45 port (10 base-T / 100 base-TX)
	Network LAN Wireless	USB-A, IEEE802.11 b/g/n - optional wireless adapter required
	USB	Type A x 2 (PC-less presentation, wireless adapter) Type B x 1 (USB display or mouse control)
	Microphone In	3.5 mm mini jack x 1
	Control Terminals	9-pin D-sub x 1 (RS-232 control)
Ratings & Warranty	**Power Supply**	AC100-120V / AC220-240V, 50/60Hz
	Power Consumption	380W/360W
	Operating Temperature	32°F - 104°F (0°C - 40°C)
	Dimensions (W x D x H)	14.8" x 14.2" x 5.4" (excluding protruding parts)
	Weight	Approximately 10.1 lbs
	Approvals	UL 60950-1 / cUL, FCC part 15 subpart B Class B
	Warranty	3-year limited parts and labor Extended Service Contract available (additional cost)

* Actual lamp life will vary by individual lamp based on environmental conditions, selected operating mode, user settings and usage. Hours of average lamp life specified are not guaranteed and do not constitute part of the product or lamp warranty. Lamp brightness decreases over time.

** Actual filter life will vary by individual filter based on environmental conditions, selected operating mode, user settings and usage. Hours of average filter life specified are not guaranteed and do not constitute part of the product warranty.

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CC HDMI MHL 3 YEAR WARRANTY

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