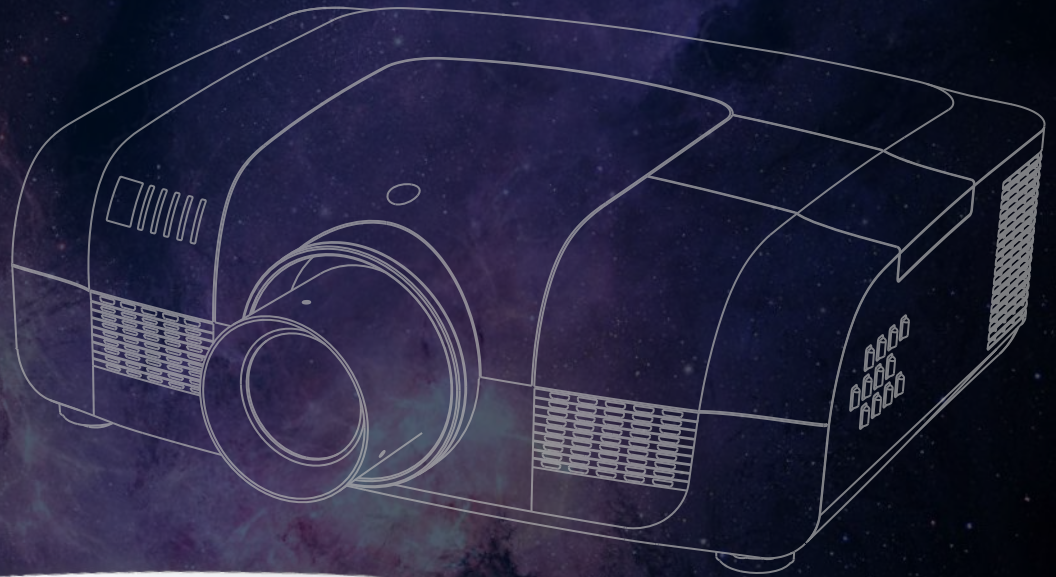# MT-168

Multimedia Projector

Your Key To Success
3LCD Projector
10,000 ansi Lumens Brightness

The compact size, light weight, and low operating noise of the MT-168 series

UTEC is proud to introduce the MT-168 multimedia projector. The defining features of the new projector lies in its eco-friendliness, which include an improved lamp lighting system that prolongs lamp life to 7,000 hours. These features help on the environmental reservation and reduce running cost.

The MT-168 multimedia projector offers high brightness 10,000 lumens, and comprises WUXGA (1,920 x 1,200 pixels) resolutions. Coupled with a range of image correction functions, fine images with breathtaking details and in rich and faithful colors are guaranteed. With the compact design, the new projector is definitely the stylish green projectors for every business user.

* **5 Bayonet-Style Lenses:** Allows for quick and easy lens exchange. Optional lenses enable the user to determine the appropriate lens to cover projection distances between 2.6 and 283 feet.

* **Dual Computer Inputs:** Ensures quick switching between presentations.

* **ECO Mode:** Extends lamp life, lowers audible noise and reduces total cost of ownership.

* **Windows Remote Desktop:** Allows you to control a networked computer by connecting a USB mouse and keyboard directly to the projector's USB input.

ECO MODE

Extra-long 7,000 Hours Lamp Life Benefiting the Environment

With a brand new lamp lighting system, the MT-168 multimedia projector now has much longer lamp life, amounting to 7,000 hours in Eco Mode. A less frequent lamp replacement means saving cost and less impact on the environment.

High Brightness and High Contrast Projection Performance

MT-168 multimedia projector offers an ultra-high brightness of 10,000 lumens, ensuring superior viewing of true-to-life image under different indoor environment. MT-168 multimedia projector has the contrast ratio up to 4,000:1. The result is beautiful projected images with fine gradations, enhancing viewing experience for users.

High Resolution Projection

MT-168 multimedia projector featuring WUXGA resolution (1,920 x 1,200 pixels) has provided versatile choices for users in meeting their projection needs, and at the same time guaranteed crisp and clear projection images. Users can prepare their presentations and spreadsheets on the machines with confidence and efficiency, knowing that all important data can be projected on screen with high readability.

Conventional Projector   Daylight View Basic

Precise Image Quality Management

UTEC understands the demanding needs for color precision, and has incorporated the new projectors with Precision Image Quality Management option that allows manual fine-tuning on image settings to obtain the precise colors and tones. Options include individual color levels and color balance, as well as brightness, contrast and sharpness. Besides, MT-168 multimedia projector also features 6 Pre-set Quality modes, such as standard, presentation, high contrast, cinema, black board and color board mode.

Compact Design and Easy-to-Operate Network Connection

The MT-168 multimedia projector has a stylish and compact design. With a re-designed control panel and remote control unit, this ensures an easier operation. This compact projector only weight 9.7kg, on-the-go users would appreciate their portability. The new projector also features built-in network connectivity allowing convenient remote monitoring of projectors status via web browser and easy installations of multiple projectors. Users can switch the power of projectors to on/off and input signal switching via the network. Alert notifications can also be setup to automatically send out lamp replacement advice via email to prevent down-time and unnecessary inconvenience.

Built-in 10W Speaker

MT-168 multimedia projector provides the powerful built-in 10W speakers, with the support of external microphone, helping users to supplement their presentations under the circumstance that is no audio setting.
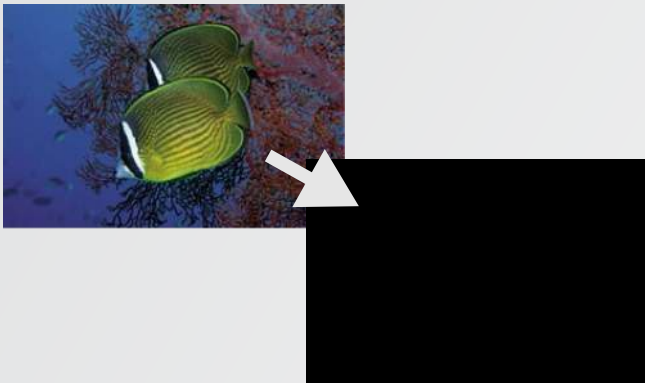

Bulit-in Speaker 10W

Superior Compatibility

The new MT-168 multimedia projector features multiple terminals support including Mini D-subI interface for connection to desktop and laptop computers, RCA composite video in and Mini Jack Audio input. The projector is also compatible with an extensive range of imaging devices, including computers, DVD players, digital cameras and camcorders.

No Source Detected Mode

The automatic switch to Eco Blank Mode after the projector is turned on for over three minutes without a display source, eliminating unnecessary energy waste and prolonging the life of the projector lamp.

Save up 70% of your lamp power.
Time to do your part saving planet.

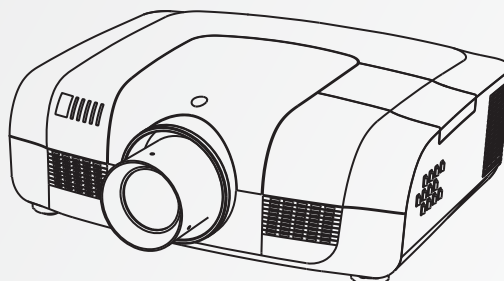## Dust-Resistant Cabinet and Long-Life Eco Filter

The MT-168 offer excellent resistance the effects of dust, extending maintenance to 10,000 hours for the ECO filter (which may washed and reused). The cabinet incorporates a straight airflow path, extensive optical shielding, and improved sealing for the Eco filter to keep the projector running clean and bright.

For high-impact presentations in bright conditions, you can't go past the MT-168 series for the ultimate in auto-mated projection flexibility.

Specifications

Display Technology	3LCD Panels x 0.76"
Native Resolution	WUXGA / Native 1920 x 1200 Pixels Original resolution
Max. Video Input	4K
Brightness	10,000 ansi Lumens (Market) / 8,000 ansi Lumens (std)
Contrast	4000:1 Contrast Ratio, Dynamic Video contrast ratio up to 10000:1 by HDMI
Fan Noise	As low as 31 dBa
Aspect Ratio	16:10 Native, 4:3 Compatible
Projection Method	Front, Rear, Ceiling, Table Top; Projection Image support horizontal and vertical flip
Weight	12 kg
I/O Connectors	**Inputs:** PC/Video: 15 Pin D-sub (RGB/YPbPr/SCART), S-Video, Composite/VGA in x 2, RGBHV, DVI… **HDMI:** HDMI Terminal output Support HD 1.1~1.4 **Outputs:** VGA Out x 1, Audio output x 1, RCA… **Network Control:** Wired LAN monitor & control and system management with optional module by RJ45 **Control:** RS232 x 1
Maximum Resolution	4K via HDMI Terminal
Computer Compatibility	Standard 1080P (1920x1080), WSXGA+, WXGA+, WXGA (1280x800/ 1280x768), UXGA, SXGA, XGA, SVGA, VGA, Mac…
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080p, 720p)
Displayable Colours	1.07 Billion
Projection Lens	**Standard lens:** Power zoom and focus lens, 1:1.6X, F=1.7~2.2, f=22~35mm, 1/2x1/2~4x4 **Power Lens Shift:** U/D 50%; L/R 10% **Lens Optional:** See the next page for lens catalog
Throw Ratio	1.31:1
Projection Screen Size	30" - 500"/ Diagonal 4:3
Projection Distance	1.025 - 24.48m (Standard Power Lens)
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type/ Lamp Life	450W single lamp, 6000/5000 hours (ECO/BRIGHT mode)
Keystone Correction	±40° Vertical
Dimensions (W x D x H)	535mm x 390mm x 190mm
Remote Control	Full function remote with direct source selecting
Power Supply	100 - 240V, 50-60Hz
Power Consumption	500W BRIGHT mode <5W Standby mode, 480W STD mode <1W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	90%
Security	Kensington Lock, Password Protection
Standard Accessories	AC Power Cord, VGA Cable, Remote Control, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Ceiling Mount Kit, Additional Ultra long Cable
Warranty	Projector 1-Years, lamp six months or 500Hrs

Replacement Lenses

Lens Model	MT-W21G	MT-W21A	MT-S20	MT-T20	MT-FLS08170M
Lens Types	Ultra-Short Throw (UST Lens) Wide Angle Fixed-Focus lenses Best for Rear projection	Short Throw (ST lenses) Fixed-Focus	Telephoto Zoom lenses	Ultra Telephoto Zoom lenses	Circular Fisheye lens
Lens Picture					
Weight (kg)	1.2	1.2	0.8	1.2	2.2
Throw Ration (D/W)	0.57:1	0.68:1	2.2~3.0:1	3.1~4.2:1	n/a (170 degrees)

Image Size	W x H (m)	MT-W21G	MT-W21A	MT-S20	MT-T20	MT-FLS08170M
40"	0.8x0.6	0.5m	0.5m	1.8~2.4m	2.5~3.4m	F-number(F/#): 2.8
60"	1.2x0.9	0.7m	0.8m	2.6~3.6m	3.7~5.0m	Image Circle Diameter: 14.48 mm
80"	1.6x1.2	0.9m	1.1m	3.5~4.8m	5.0~6.7m	Exit Pupil Position: apogalacticon
100"	2.0x1.5	1.1m	1.4m	4.4~6.0m	6.2~8.4m	Modulation Transfer Function (MTF@36lp/mm):
120"	2.4x1.8	1.3m	1.6m	5.3~7.2m	7.4~10.1m	0.60 (As the view in)/
150"	3.0x2.3	1.7m	2m	6.6~6.9m	9.3~12.6m	0.35 (full field)
200"	4.1x3.0	2.3m	2.8m	9.0~12.3m	12.7~17.2m	Lateral Color: 15um
250"	5.1x3.8	2.9m	3.5m	11.2~15.3m	15.8~21.4m	Relative Illumination: 0.85
300"	6.1x4.6	3.5m	4.1m	13.4~18.4m	18.9~25.6m	Distortion: +/-0.5 %
350"	7.1x5.3	4m	4.8m	15.6~21.3m	22.0~29.8m	FOV: 180 Degrees
400"	8.1x6.1	4.6m	5.5m	17.8~24.3m	25.1~34.0m	Optical length: 245 mm
500"	10.0x7.6	5.8m	7m	22.2~27.2m	31.3~42.4m	

D:W is the Ratio of Projection Distance from Lens to screen and width of image; Throw ration = D/W Or D:W 【D = Projection Distance, W = Projection Image Width】

MT-168 series is all you need

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