Twokey® Projector

BEST IN CLASS + COST EFFECTIVE

TK-P420X

XGA | 4,200 ANSI | 10,000:1



Portable and Compact Projector for Business/Education

Excellent Performance and Versatile Functions

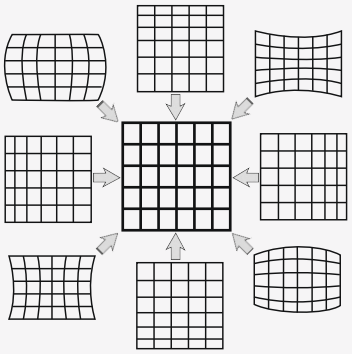
- Compact and Light Design
- Clear Picture Quality
  - · VGA~WUXGA support
- High Brightness and Contrast
  - · 4,200 ANSI / 10,000:1 (IRIS/ECO)
- Long Lifetime Lamp
  - · Normal 4,000H / ECO 10,000H
- Optical / Digital Zoom
  - · Manual Optical Zoom 1.2x
- Various Input/Output Terminals
  - · HDMI x2 / RGB x2
  - · USB(A) / USB(B)
  - · RCA / AUDIO
- MHL / Memory viewer Function
  - · Smartphone/Tablet Screen Projection
  - · Viewing Images/PDF files in USB memory
- Various Convenient Features
  - · User Logo Screen
  - · PIN code Lock
  - · Wired/Wireless LAN Control, etc.

Easy Installation and Maintenance

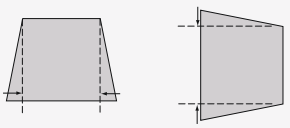
- Corner Keystone



- Curved Correction



- Auto Keystone
- Vertical/Horizontal Keystone
  - · Vertical ±30% / Horizontal ±15%



- Easy Exchange of Lamp/Filter
  - · Top Access Lamp
  - · Side-mounted Filter
- Quick Power Off
  - · Fast Cooling during Power Off

Portable and Compant Projector for Business/Education

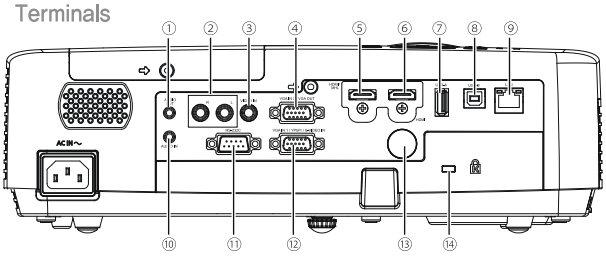
TK-P420X

XGA | **4,200 ANSI** | **10,000:1**

- 0.63" 3LCD / Auto Keystone
- HV/Corner/Curved Keystone
- Optical Zoom / Digital Zoom
- Quick Power Off
- User Logo Screen / PIN code Lock
- Versatile Iinput/Output Terminals
- 2 HDMI Ports / MHL support
- LAN network / USB Memory Viewer Function

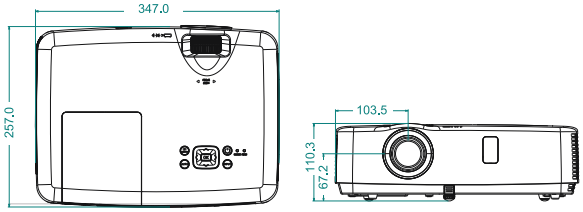


Terminals



①Audio OUT ②2RCA(L/R) IN ③Video(RCA) IN ④RGB IN2/OUT ⑤ HDMI/ MHL IN ⑥HDMI IN ⑦USB(A) IN ⑧USB(B) IN ⑨RJ45 IN ⑩Audio IN ⑪RS-232C IN ⑫RGB IN1(YPbPr/S-Video) ⑬Remote Control Receiver ⑭Kensington Lock

Dimension



Projection Distance

Model	TK-P420X	
F-Value	F 1.6~1.76	
Focal Length	f=19.16~23.02mm	
Throw Ratio	1.48~1.78 : 1	
Zoom	Manual x1.2	
Resolution	XGA (1024x768, 4:3)	
Inch	Min	Max
40	1.2	1.5
60	1.8	2.2
80	2.4	2.9
100	3.0	3.6
120	3.6	4.4
150	4.5	5.5
180	5.4	6.6
200	6.1	7.3
250	7.5	9.1
300	9.1	10.9

※ Unit: m
※ All measurements are approximate and may vary from the actual size.(±7%)

Specifications

Model		TK-P420X
LCD System		0.63" 3LCD Polysilicon TFT active matrix
Brightness		4,200 lumens
Contrast Ratio		10,000:1
Resolution		XGA (1024x768)
Aspect Ratio		4:3 (16:9 Compatible)
Lamp	Consumption	218W
	Lifetime	10,000H(Eco) / 4,000H(Normal)
Lens	F/f	F 1.60~1.76 (f=19.16~23.02mm)
	Throw Ratio	1.48~1.78 : 1
	Keystone	Vertical ±30° Horizontal ±15°
	Zoom	Manual x1.2
	Focus	Manual
Keystone Correction		Auto, Horizontal/Vertical, Corner, Curved Keystone
Image Size		30~300"
Input Terminals		2 X 15-pin Mini D-sub(RGB) 2 X HDMI(MHL) 1 X RCA(Component) 1 X Stereo mini jack(Audio) 1 X 2RCA(L/R) Audio
Output Terminals		1 X 15-pin Mini D-sub(RGB IN2 Share) 1 X Stereo mini jack(Audio)
Control/Service Terminals		1 X D-sub 9pin(RS232C) 1 X RJ-45 1 X USB(A) / for Memory viewer, Wifi Dongle 1 X USB(B) / for Firmware update
Input Signals		VGA, SVGA, XGA,SXGA, SXGA+, UXGA, WSXGA+, WUXGA, MAC
Video Format		NTSC, NTSC4.43, PAL, SECAM, PAL-M, PAL-N 480i/p, 576i/p, 720p, 1080i/p
Temperature		0~40°C (0peration)
Speaker		16W
Fan Noise		38.9 dB(Normal) / 34.9 dB(Eco)
Rated Voltage		AC 100~240V, 50/60Hz
Power Consumption		270W(Normal) / 0.5W(Stand-by)
Dimension		(W)347 x (H)110 x (D)257 mm
Net Weight		3.2kg

※ Appearance and specifications are subject to change without prior notice for performance improvement.

M&G ENT.CO.,LTD.

Best in Class + Cost Effective **Twokey® Projector**
The World's First Dual Booting Tablet PC **Twokey® Series**
High Performance Mirroring Device **Twokey® Mirroring**
The First Dual Booting Micro Stick PC **Twokey® Stick**
Easy Smart Educational Environment **Twokey® System**

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