

DESCRIPTION

Promethean offers a choice of two projectors for use with its interactive whiteboards.



| Model | UST-P2 | PRM-45A |
|----------------------------------|------------------------------------|------------------------------------|
| Device Type | Ultra Short Throw DLP | Short Throw DLP |
| Compatible With | ActivBoard, ActivBoard Touch | ActivBoard, ActivBoard Touch |
| Native Resolution | WXGA (1280 x 800) | WXGA (1280 x 800) |
| Compressed Resolution | Up to 1080i | Up to 1080i |
| Projected Image Size | 95" diagonal native | 95" diagonal native |
| Aspect Ratio | Fill, 4:3, 16:9, Letterbox, Native | Fill, 4:3, 16:9, Letterbox, Native |
| Contrast Ratio Typical / Minimum | 2300:1 / 1800:1 | 2100:1 / 1500:1 |
| Brightness Normal | 3000 ANSI Lumens | 3150 ANSI Lumens |
| Brightness Eco | 2450 ANSI Lumens | 2750 ANSI Lumens |
| Throw Ratio | 0.35 | 0.52 |
| Focal Length | F=2.5 | F=2.86 |
| Projection Distance | 0.34 ~ 0.42 m (13.4 ~ 16.5 in) | 0.54 ~ 1.22 m (21.3 ~ 48 in) |
| Projection Screen Size | 2.03 ~ 2.5 m (80 ~ 100 in) | 1.27 ~ 2.79 m (50 ~ 110 in) |
| Lamp Type and Power | UHP, 230W | UHP, 240W |
| Lamp Life Normal Hours | 6000 | 3500 |
| Lamp Life Eco Hours | 8000 | 5000 |



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|---------------------------------|------------------------------|---|
| Acoustic Noise Normal | 33dBA (@220W) | 36dBA (@220W) |
| Acoustic Noise Eco | 29dBA (@190W) | 32dBA (@190W) |
| Power Supply | AC 100-240V, 50/60Hz | AC 100-240V, 50/60Hz |
| System Power Consumption Normal | 290W | 330W |
| System Power Consumption Eco | 250W | 280W |
| Standby | <0.5W | <0.5W |
| VGA In/Out | VGA in x2, VGA out x1 | VGA in x2, VGA out x1 |
| Composite Video | x1 | x1 |
| S-Video | N/A | x1 |
| HDMI | HDMI 1.4b x2 | HDMI 1.4b x1, HDMI (MHL) x1 |
| Audio In | Mini jack x1 | Mini jack x1 |
| Audio Out | Mini jack x1 | Mini jack x1 |
| Control Terminals USB | USB-B (for computer) x1 | USB power x1, Mini USB (for service) x1 |
| RS-232 | x1 | x1 |
| RJ-45 | x1 | x1 |
| Keystone Correction | Vertical: max $\pm 40^\circ$ | Vertical: max $\pm 40^\circ$ |
| Horizontal Scan Rate | 15Hz ~ 90kHz | 15Hz ~ 90 kHz |
| Vertical Scan Rate | 24Hz ~ 120Hz | 47Hz ~ 120Hz |



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| Operating Temperature | 5°C ~ 40°C (41°F ~ 104°F) | 5°C ~ 40°C (41°F ~ 104°F) |
| Computer Compatibility | IBM PC and Compatibles; Mac®, and VESA Standards WSXGA+ (1,680 x 1,050), WXGA+ (1,440 x 900), WXGA (1,280 x 800, 1,280 x 768), UXGA (1,600 x 1,200), SXGA+ (1,400 x 1,050), SXGA (1,280 x 1,024), XGA (1,024 x 768), SVGA (800 x 600), VGA (640 x 480) | IBM PC and Compatibles; Mac®, and VESA Standards WSXGA+ (1,680 x 1,050), WXGA+ (1,440 x 900), WXGA (1,280 x 800, 1,280 x 768), UXGA (1,600 x 1,200), SXGA+ (1,400 x 1,050), SXGA (1,280 x 1,024), XGA (1,024 x 768), SVGA (800 x 600), VGA (640 x 480) |
| Video Compatibility | NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1035i), EDTV (480p, 575i), SDTV (480i, 576i) | NTSC (3.58/4.43), PAL (B/D/G/H/I/M/N), SECAM (B/D/G/K/K1/L), HDTV (720p, 1080i, 1035i), EDTV (480p, 575i), SDTV (480i, 576i) |
| Security | Kensington Lock, Security cable bar option, pin code security, remote control operated only | Kensington Lock, Security cable bar option, pin code security, remote control operated only |
| Advanced Features | 3D Ready Quick Lamp Access Direct power on/off Closed Caption | 3D Ready Quick Lamp Access Direct power on/off Closed Caption |
| Packed Contents List | Projector x1, Power cable (quantity is sku dependent), Computer cable (D-sub15 – D-sub15) x1, 3m HDMI cable x1, Wireless remote x1, Owner's manual (CD - ROM) x1, Quick start guide x1 | Projector x1, Power cable (quantity is sku dependent), Computer cable (D-sub15 – D-sub15) x1, Wireless remote x1, Owner's manual (CD - ROM) x1, Quick start guide x1 |



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PROMETHEAN MOUNTING COMPATIBILITY:

| | | |
|-------------------------------|-----|-----|
| Mount System | Yes | Yes |
| Height-Adjustable Wall System | Yes | Yes |
| Mobile System | Yes | No |

PHYSICAL SPECIFICATIONS

| | UST-P2 | PRM-45A |
|-------------------------------------|--|--|
| Overall Dimensions (Without Mirror) | 288 x 375 x 123 mm (11.3 x 14.7 x 4.8 in) | 314 x 216 x 126 mm (12.3 x 8.5 x 5 in) |
| Overall Dimensions (With Mirror) | 288 x 375 x 160 mm (11.3 x 14.7 x 6.3 in) | N/A |
| Packed Dimensions | 440 x 519 x 291 mm (17.3 x 20.4 x 11.5 in) | 381 x 304 x 193 mm (15 x 12 x 7.6 in) |
| Net Weight | 4.8 kg (10.5 lbs) | 3.2 kg (7 lbs) |
| Packed Weight | 9 kg (19.8 lbs) | 4.7 kg (10.4 lbs) |

COMPLIANCE & CERTIFICATION

UST-P2: CE, CB, CUL, FCC, IC, RCM, CCC, EAC
PRM-45A: CE, CB, CUL, FCC, IC, RCM, CCC, EAC

WARRANTY

For Promethean Warranty Terms and Conditions, please visit: PrometheanWorld.com/ActivCare

INSTALLATION

The installation of this product should be completed by a qualified installer. Use of components not supplied by Promethean or not meeting minimum specifications may impact performance, safety and warranty. For more information, visit: Support.PrometheanWorld.com.

SUPPORT

For all Promethean Products, please visit: Support.PrometheanWorld.com