

# Projectors - Meeting Room



| SPECIFICATIONS  | PR2010  | PR2020  | PR3010 / PR3020   | PR5020 / PR5022   | PR5030  |
|---|---|---|---|---|---|
| Planar Part Number                                      | PR2010 997-4275-00  | PR2020 997-4273-00  | PR3010 997-3276-00<br>PR3020 997-3277-00  | PR5020 997-3278-00<br>PR5022 997-4277-00  | PR5030 997-4271-00  |
| Display Technology                                      | Single Chip DLP® with BrilliantColor™   | Single Chip DLP® with BrilliantColor™   | Single Chip DLP® by Texas Instruments®  | Single Chip DLP® by Texas Instruments®  | Single Chip DLP® by Texas Instruments®  |
| Native Resolution                                       | SVGA 800 x 600  | XGA 1024 x 768  | SVGA 800 x 600 (PR3010), XGA 1024 x 768 (PR3020)  | XGA 1024 x 768  | WXGA 1280 x 800   |
| Resolution (Max.)                                       | UXGA+ 1600 x 1200   | UXGA+ 1600 x 1200   | SXGA+ 1400 x 1050   | SXGA+ 1400 x 1050   | UXGA 1600 x 1200  |
| Brightness (Max. Lumens)                                | 2300 ANSI Lumens  | 2300 ANSI Lumens  | 2500 ANSI Lumens  | 3500 ANSI Lumens  | 3000 ANSI Lumens  |
| Weight  | 5.7 lbs./2.59 kg (net), 8.8 lbs./4 kg (shipping)  | 5.7 lbs./2.59 kg (net), 8.8 lbs./4 kg (shipping)  | 7.8 lbs./3.538 kg (net), 17 lbs. (shipping)   | 7.8 lbs./3.538 kg (net), 17 lbs. (shipping)   | 7.8 lbs./3.538 kg (net), 17 lbs. (shipping)   |
| Contrast Ratio  | 1700:1  | 1700:1  | 2000:1  | 2200:1  | 2000:1  |
| Color Reproduction                                      | 24 bit, 16.7 million True Color   | 24 bit, 16.7 million True Color   | 24 bit, 16.7 million True Color   | 24 bit, 16.7 million True Color   | 24 bit, 16.7 million True Color   |
| Color Wheel   | 5-Segment Color Wheel RYGBW   | 5-Segment Color Wheel RYGBW   | 5-Segment Color Wheel RYGBW   | 5-Segment Color Wheel RYGBW   | 5-Segment Color Wheel RYGBW   |
| Projection Method                                       | Front/Rear, Desktop/Ceiling   | Front/Rear, Desktop/Ceiling   | Front/Rear, Desktop/Ceiling   | Front/Rear, Desktop/Ceiling   | Front/Rear, Desktop/Ceiling   |
| Projection Image/Screen Size (Diagonal)                 | 36" - 246"  | 36" - 246"  | 22.57" - 260"   | 23.4" - 273.4" (PR5020), 23.4" - 300" (PR5022)  | 23.4" - 273.4" (PR5020), 23.4" - 300" (PR5022)  |
| Throw Ratio (D/W)                                       | 2.0   | 2.0   | 1.89-2.18   | 1.8-2.1   | 1.51-1.74   |
| Optical Offset  | 128%  | 128%  | 130%  | 124%  | 124%  |
| Digital Keystone Correction                             | +/- 15° (Vertical Only)   | +/- 15° (Vertical Only)   | +/- 15°   | +/- 15°   | +/- 15° (vertical only)   |
| Minimum Projection Distance                             | ~1.5m   | ~1.5m   | ~1m   | ~1m   | ~1.5m   |
| Lamp Type   | 180W  | 180W  | 200W  | 200W (PR5020), 230W - 260W (PR5022)   | 230W  |
| Lamp Life (up to)                                       | 3000 hrs standard, 4000 hrs eco   | 3000 hrs standard, 4000 hrs eco   | 2000 hrs boost, 3000 hrs standard, 4000 hrs eco   | 2000 hrs boost, 3000 hrs standard, 4000 hrs eco (PR5020)<br>2000 hrs standard, 3000 hrs eco (PR5022)  | 2000 hrs boost, 2000 hrs standard, 4000 hrs eco   |
| Projection Lens   | Fix Lens, 2m @ 50"  | Fix Lens, 2m @ 50"  | All glass zoom lens w/manual focus  | All glass zoom lens w/manual focus  | Wide zoom lens w/manual focus   |
| Zoom Ratio  | n/a   | n/a   | 1.15:1  | 1.15:1  | 1.15:1  |
| Aspect Ratio  | 4.3 (native); 16:9  | 4.3 (native); 16:9  | 4.3 (native); 16:9  | 4.3 (native); 16:9  | 16.10 (native); 4.3   |
| Supported Video Standards                               | SDTV, EDTV, NTSC/NTSC 4.43, PAL, SECAM  | SDTV, EDTV, NTSC/NTSC 4.43, PAL, SECAM  | NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM   | NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM   | NTSC/NTSC 4.43, PAL B/G/H/I/M/N/60, SECAM   |
| SD/HD Video Signal Compatibility                        | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i)  | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i)  | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i)  | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i)  | SDTV (480i, 576i), EDTV (480p, 576p), HDTV (720p, 1080i)  |
| Computer Compatibility                                  | VGA, SVGA, XGA, SXGA, SXGA+, UXGA, Macintosh  | VGA, SVGA, XGA, SXGA, SXGA+, UXGA, Macintosh  | VGA, SVGA, XGA, SXGA, SXGA+, Macintosh  | VGA, SVGA, XGA, SXGA, SXGA+, Macintosh  | VGA, SVGA, XGA, SXGA, SXGA+, WXGA, UXGA, Macintosh  |
| Input Sources   | Analog, Composite Video (RCA x 1, VGA to Component thru HD-15 RGB), S-Video, USB (B), Kensington Slot               | Analog, Composite Video (RCA x 1, VGA to Component thru HD-15 RGB), S-Video, USB (B), Kensington Slot               | Analog, Video (S-Video and Composite RCA) Audio (Stereo, mini-jack and 2 RCA), USB (A to B)   | DVI-D, Analog, Video (S-Video and Composite RCA) Audio (Stereo, mini-jack and 2 RCA), USB (A to B) RS-232 (9 pin D-sub male)  | DVI-I, Analog (VESA), Video (S-Video 4 pin mini DIN and Composite RCA), Audio (Stereo, mini-jack and 2 RCA), USB (A to B) RS-232 (9 pin D-sub male)   |
| Output Terminals  | -   | -   | Monitor Analog, Audio (stereo, mini-jack)   | Monitor Analog, Audio (stereo, mini-jack)   | Monitor Analog (VESA), Audio (stereo, mini-jack)  |
| Built-in Audio  | 1W TrueMedia™   | 1W TrueMedia™   | 5W TrueMedia™ SPL (Sound Pressure Level) Speaker  | 5W TrueMedia™ SPL (Sound Pressure Level) Speaker  | 5W TrueMedia™ SPL (Sound Pressure Level) Speaker  |
| External Control  | IR Remote, Projector Keypad   | IR Remote, Projector Keypad   | IR Remote, Projector Keypad   | IR Remote, Projector Keypad, RS-232   | IR Remote, Projector Keypad, RS-232   |
| Input Current   | AC 100-240V, 50/60 Hz   | AC 100-240V, 50/60 Hz   | AC 100-240V, 50/60 Hz   | AC 100-240V, 50/60 Hz   | AC 100-240V, 50/60 Hz   |
| Power Consumption (Max. Standby)                        | 264W (<5W)  | 264W (<5W)  | 290W (boost) 230W (eco) (<5W built-in power supply)   | 290W (boost) (PR5020), 330W (standard) (PR5022)<br>230W (eco) (<5W built-in power supply)   | 290W (standard), 230W (eco) (<5W built-in power supply)   |
| Dimensions (W x H x D)                                  | 11.02" x 8.19" x 3.46" (280 x 208 x 88 mm)  | 11.02" x 8.19" x 3.46" (280 x 208 x 88 mm)  | 11.8" x 9.6" x 3.46" (300 x 244 x 88 mm)  | 11.8" x 9.6" x 3.46" (300 x 244 x 88 mm)  | 11.8" x 9.6" x 3.46" (300 x 244 x 88 mm)  |
| Approvals   | FCC-B, UL, cUL, CE, WEEE, RoHS, C-Tick  | FCC-B, UL, cUL, CE, WEEE, RoHS, C-Tick  | FCC-B, UL, cUL, TUV, CB, CE, CCC, ICES-003, WEEE, RoHS  | FCC-B, UL, cUL, CB, CE, CCC, ICES-003, WEEE, RoHS   | FCC-B, UL, cUL, CB, CE, CCC, ICES-003, WEEE, RoHS, PSB, PCT, C-Tick   |
| Audible Noise Level                                     | 30dbA (eco), 32dbA (normal)   | 30dbA (eco), 32dbA (normal)   | 31dbA (eco)   | 31dbA (eco) (PR5020), 33dbA (eco) (PR5022)  | 29dbA (eco)   |
| Operating Temperature                                   | 5°C to 35°C At Sea Level  | 5°C to 35°C At Sea Level  | 5°C to 35°C At Sea Level  | 5°C to 35°C At Sea Level (PR5020)<br>5°C to 40°C At Sea Level (PR5022)  | 5°C to 35°C At Sea Level (PR5020)   |
| Warranty Product  | 3-Year Warranty   | 3-Year Warranty featuring   | 3-Year Warranty   | 3-Year Warranty   | 3-Year Warranty   |
| Lamp  | 180 days  | 180 days  | 180 days  | 180 days  | 180 days  |
| Accessories   |   |   |   |   |   |
| 1 Year Projector Warranty Upgrade (1 year extension)    | 990-0249-00   | 990-0249-00   | 990-0249-00   | 990-0249-00   | 990-0249-00   |
| 1 Year Lamp Warranty Upgrade (total warranty 18 months) | 990-0253-00   | 990-0253-00   | 990-0253-00   | 990-0253-00   | 990-0253-00   |
| Replacement Lamp  | 997-3346-00   | 997-3346-00   | 997-3346-00   | 997-4286-00   | 997-5247-00   |
| Replacement Remote                                      | 997-3344-00   | 997-3344-00   | 997-3344-00   | 997-3344-00   | 997-3344-00   |
| Replacement Carry Case                                  | 997-3348-00   | 997-3348-00   | 997-3348-00   | 997-3348-00   | 997-3348-00   |
| Universal Ceiling Mount                                 | 997-3416-00   | 997-3416-00   | 997-3416-00   | 997-3416-00   | 997-3416-00   |
| In The Box  | AC Power Cord x 1 (US 1.8 M), VGA to VGA computer cable, (1.8 M), Lens Cap, Remote Control, User's Manual (CD-Rom). | AC Power Cord x 1 (US 1.8 M), VGA to VGA computer cable, (1.8 M), Lens Cap, Remote Control, User's Manual (CD-Rom). | Deluxe carrying case, full featured remote control with laser pointer, remote batteries, 3m regional power cord, 2m computer cable, 2m AV cable (3 RCA to 3 RCA), 2m mini stereo cable, 2m USB (A to B), lens cap, User's Manual on CD-ROM, printed User's Guide. | Deluxe carrying case, full featured remote control with laser pointer, remote batteries, 3m regional power cord, 2m computer cable, 2m AV cable (3 RCA to 3 RCA), 2m mini stereo cable, 2m USB (A to B), lens cap, User's Manual on CD-ROM, printed User's Guide. | Deluxe carrying case, full featured remote control with laser pointer, remote batteries, 3m regional power cord, 2m analog computer cable (HD15 VESA to HD15 VESA), 2m AV cable (3 RCA to 3 RCA), 2m mini stereo cable, 2m USB (A to B), lens cap, User's Manual on CD-ROM, printed User's Guide. |

# Projectors - Ultra Portable and Auditorium



Ultra Portable

## Why PLANAR Projectors?

Experience eye-popping color, enhanced connectivity and features designed to maximize the impact of every presentation, lecture and meeting.

## You can relax - IT'S PLANAR.



| SPECIFICATIONS  | PR6022   |
|---|--|
| Planar Part Number                                      | PR6022 997-3279-00   |
| Display Technology                                      | Single Chip DLP® by Texas Instruments*   |
| Native Resolution                                       | XGA 1024 x 768   |
| Resolution (Max.)                                       | UXGA   |
| Brightness (Max. Lumens)                                | 2500 ANSI Lumens   |
| Weight  | 3.2 lbs. (1.45 kgs).   |
| Contrast Ratio  | 2000:1   |
| Color Reproduction                                      | 24 bit, 16.7 million True Color  |
| Color Wheel   | 5-Segment, RGWB  |
| Projection Method                                       | Front/Rear   |
| Projection Image/Screen Size (Diagonal)                 | 34" - 260"   |
| Throw Ratio (D/W)                                       | 1.9~2.2  |
| Optical Offset  | 128%   |
| Digital Keystone Correction                             | +/- 15°  |
| Minimum Projection Distance                             | ~1.5m  |
| Lamp Type   | 200W   |
| Lamp Life (up to)                                       | 2000 hrs (standard), 3000 hrs (eco)  |
| Projection Lens   | All glass zoom lens w/manual focus   |
| Zoom Ratio  | 1:1.15   |
| Aspect Ratio  | 4:3 (native); 16:9   |
| Supported Video Standards                               | NTSC/NTSC 4.43, PAL B/G/H/I/M/N 60, SECAM  |
| SD/HD Video Signal Compatibility                        | RGB HD-15: SDTV (480i, 576i), EDTV (480p, 576p)<br>HDTV (720p, 1080i)  |
| Computer Compatibility                                  | VGA, SVGA, XGA, SXGA, SXGA+, UXGA, Macintosh   |
| Input Sources   | Analog, Video (S-Video and Composite RCA), USB (A to B)  |
| Output Terminals  | -  |
| Built-in Audio  | 1W Speaker   |
| External Control  | IR Remote, Projector Keypad  |
| Input Current   | AC 110-260 V   |
| Power Consumption (Max. Standby)                        | 260W (<5W)   |
| Dimensions (W x H x D)                                  | 8.66" x 7.0" x 2.79"   |
| Approvals   | ETL, cETL, FCC-B, TUV-GS, CB, CE Class B, WEEE, RoHS   |
| Audible Noise Level                                     | 34dbA (eco)  |
| Operating Temperature                                   | 5°C to 35°C At Sea Level   |
| Warranty Product  | 3-Year Warranty  |
| Lamp  | 180 days   |
| Accessories   |  |
| 1 Year Projector Warranty Upgrade (1 year extension)    | 990-0249-00  |
| 1 Year Lamp Warranty Upgrade (total warranty 18 months) | 990-0253-00  |
| Replacement Lamp  | 997-3345-00  |
| Replacement Remote                                      | 997-3343-00  |
| Replacement Carry Case                                  | 997-3347-00  |
| Universal Ceiling Mount                                 | n/a  |
| In The Box  | Deluxe carrying case, remote control, 1.8m regional power cord, computer VGA cable 1.8m, lens cap, user's manual in CD, and quick start guide. |

|  | PR9020   | PR9030   |
|--|--|--|
| PR9020   | 997-5216-00  | PR9030 997-5217-00   |
| 3LCD Technology  | 3LCD Technology  | 3LCD Technology  |
| XGA 1024 x 768   | XGA 1024 x 768   | WXGA 1280 x 800  |
| UXGA 1600 x 1200   | UXGA 1600 x 1200   | UXGA 1600 x 1200   |
| 4000 ANSI Lumens   | 4000 ANSI Lumens   | 4000 ANSI Lumens   |
| 15.8 lbs./7.199kg (net), 11.6 lbs. (shipping)  | 15.8 lbs./7.199kg (net), 11.6 lbs. (shipping)  | 15.8 lbs./7.199kg (net), 11.6 lbs. (shipping)  |
| 1000:1   | 1000:1   | 1000:1   |
| 16.7 million colors  | 16.7 million colors  | 16.7 million colors  |
| -  | -  | -  |
| Front, Desktop/Ceiling   | Front, Desktop/Ceiling   | Front, Desktop/Ceiling   |
| 30"~350" (60" at 1.8m, wide)   | 30"~350" (60" at 1.8m, wide)   | 30"~350" (60" at 1.8m, wide)   |
| 1.5~1.8:1  | 1.5~1.8:1  | 1.5~1.8:1  |
| 115%   | 115%   | 115%   |
| +/- 40° V, +/- 20° H   | +/- 40° V, +/- 20° H   | +/- 40° V, +/- 20° H   |
| 35"  | 35"  | 35"  |
| 200W   | 200W   | 200W   |
| 2000 hrs (normal), 3000 hrs (whisper)  | 2000 hrs (normal), 3000 hrs (whisper)  | 2000 hrs (normal), 3000 hrs (whisper)  |
| All glass manual zoom lens w/manual focus  | All glass manual zoom lens w/manual focus  | All glass manual zoom lens w/manual focus  |
| 1.2  | 1.2  | 1.2  |
| 4:3 (native); 16:9   | 4:3 (native); 16:9   | 4:3 (native); 16:9   |
| NTSC/NTSC 4.43, PAL M/N, SECAM   | NTSC/NTSC 4.43, PAL M/N, SECAM   | NTSC/NTSC 4.43, PAL M/N, SECAM   |
| Component, HDMI  | Component, HDMI  | Component, HDMI  |
| IBM, VGA, SVGA, XGA, SXGA, SXGA+<br>UXGA (compressed, MAC16")  | IBM, VGA, SVGA, XGA, SXGA, SXGA+<br>UXGA (compressed, MAC16")  | IBM, VGA, SVGA, XGA, SXGA, SXGA+<br>UXGA (compressed, MAC16")  |
| Video (S-Video, Composite RCA, Component RCA x 3)<br>RGB (15 pin), RGB (BNC x 5), HDMI, RS-232 (9 pin), Analog<br>Audio (3.5 stereo mini jack x 2), RCA jack x 2 (L/R), USB (B),<br>Wired Remote Control (3.5 stereo mini jack), RJ-45 | Video (S-Video, Composite RCA, Component RCA x 3)<br>RGB (15 pin), RGB (BNC x 5), HDMI, RS-232 (9 pin), Analog<br>Audio (3.5 stereo mini jack x 2), RCA jack x 2 (L/R), USB (B),<br>Wired Remote Control (3.5 stereo mini jack), RJ-45 | Video (S-Video, Composite RCA, Component RCA x 3)<br>RGB (15 pin), RGB (BNC x 5), HDMI, RS-232 (9 pin), Analog<br>Audio (3.5 stereo mini jack x 2), RCA jack x 2 (L/R), USB (B),<br>Wired Remote Control (3.5 stereo mini jack), RJ-45 |
| RGB (15 pin), 3.5 stereo mini jack   | RGB (15 pin), 3.5 stereo mini jack   | RGB (15 pin), 3.5 stereo mini jack   |
| 4W x 4 Speaker   | 4W x 4 Speaker   | 4W x 4 Speaker   |
| IR Remote, Projector Keypad, RS-232  | IR Remote, Projector Keypad, RS-232  | IR Remote, Projector Keypad, RS-232  |
| 100~120V/ 200~240V, 50/60 Hz   | 100~120V/ 200~240V, 50/60 Hz   | 100~120V/ 200~240V, 50/60 Hz   |
| 460W (15W)   | 460W (15W)   | 460W (15W)   |
| 16.46" x 12.56" x 5.47" (418 mm x 319 mm x 139 mm)   | 16.46" x 12.56" x 5.47" (418 mm x 319 mm x 139 mm)   | 16.46" x 12.56" x 5.47" (418 mm x 319 mm x 139 mm)   |
| UL 60950-1, cUL, FCC-B, CE, WEEE, RoHS, DEMKO-GS   | UL 60950-1, cUL, FCC-B, CE, WEEE, RoHS, DEMKO-GS   | UL 60950-1, cUL, FCC-B, CE, WEEE, RoHS, DEMKO-GS   |
| 30dbA (whisper)  | 30dbA (whisper)  | 30dbA (whisper)  |
| 5°C to 35°C  | 5°C to 35°C  | 5°C to 35°C  |
| 3-Year Warranty  | 3-Year Warranty  | 3-Year Warranty  |
| 180 days   | 180 days   | 180 days   |
| 990-0249-00  | 990-0249-00  | 990-0249-00  |
| 990-0253-00  | 990-0253-00  | 990-0253-00  |
| 997-5214-00  | 997-5214-00  | 997-5214-00  |
| Full featured remote control with laser pointer, remote batteries, 3m regional power cord, strap, lens cap, User's Manual on CD-ROM, printed User's Guide  | Full featured remote control with laser pointer, remote batteries, 3m regional power cord, strap, lens cap, User's Manual on CD-ROM, printed User's Guide  | Full featured remote control with laser pointer, remote batteries, 3m regional power cord, strap, lens cap, User's Manual on CD-ROM, printed User's Guide  |