




MOBILE PROJECTOR

1080P **FD630U**
 WXGA **WD620U**
 XGA **XD600U**



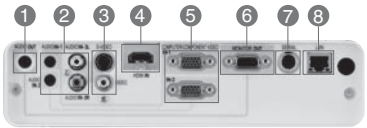
| | | | | | | |
|------------------|--------------------|-----------------------|-------------|----------------------|----------------|------------------|
| Brilliant Color™ | Color Enhancer | Wall Screen | 10W Speaker | User Logo Projection | Password Lock | Instant Shutdown |
| Long-life Lamp | Low Stand-by Power | Top/Side Loading Lamp | LAN (RJ-45) | HDMI | Closed Caption | Low Fan Noise |

(XD600U only)

Picture Performance Presentation User-friendly

Input and Output Terminals



- 1 Audio output
- 2 Audio input
- 3 S-Video/Video
- 4 HDMI
- 5 PC/Component video input
- 6 Monitor output
- 7 Serial RS-232C
- 8 LAN (RJ-45)

Specifications

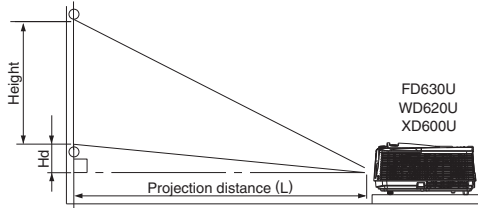
| Model | FD630U | WD620U | XD600U |
|------------------------|--|---|---|
| Display technology | 0.65" 1-chip DMD, 12deg.LVDS, DDP3021 | 0.65" 1-chip DMD, 12deg.LVDS, DDP2230 | 0.7" 1-chip DMD, 12deg.LVDS, DDP2230 |
| Resolution | 1920 x 1080 (total 2,073,600 pixels) | 1280 x 800 (total 1,024,000 pixels) | 1024 x 768 (total 786,432 pixels) |
| Brightness | 4000lm | 4000lm | 4500lm |
| Contrast ratio | 2000 : 1 (on/off) | 2000 : 1 (on/off) | 2000 : 1 (on/off) |
| Color Wheel | 5-segment (R/G/B/W/Y) | 5-segment (R/G/B/W/Y) | 5-segment (R/G/B/W/Y) |
| Picture size | 40" - 300" | 40" - 300" | 40" - 300" |
| Throw ratio | 1.5 - 2.2 | 1.5 - 2.2 | 1.4 - 2.1 |
| Zoom & focus | Manual focus & zoom lens (zoom ratio 1.5:1) | Manual focus & zoom lens (zoom ratio 1.5:1) | Manual focus & zoom lens (zoom ratio 1.5:1) |
| Scanning rate | [H] 15 - 80 kHz, [V] 50 - 85 Hz | [H] 15 - 80 kHz, [V] 50 - 85 Hz | [H] 15 - 80 kHz, [V] 50 - 85 Hz |
| Estimated lamp life* | 5000hrs (low mode), 3000hr (standard mode) | 5000hrs (low mode), 3000hr (standard mode) | 5000hrs (low mode), 3000hr (standard mode) |
| PC compatibility | Expanded: 640 x 480. Compressed: 1920 x 1200. Native: 1920 x 1080, sync on green available | Expanded: 640 x 480. Compressed: 1280 x 1024. Native: 1280 x 800, sync on green available | Expanded: 640 x 480. Compressed: 1280 x 1024. Native: 1024 x 768, sync on green available |
| Video compatibility | NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz) | NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60 Component video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1080i (1125i 50/60Hz) | |
| Input terminals | RGB: mini D-sub 15pin x 2 Video: RCA x 1, S-VIDEO x 1 Digital: HDMI x 1 Audio: stereo mini jack (ø3.5mm) x 2, RCA jack (L/R) x 1 | | |
| Output terminals | RGB: mini D-sub 15pin x 1 Audio: stereo mini jack (ø3.5mm) x 1 | | |
| Communication terminal | RS-232C: mini DIN 8pin x 1 LAN: RJ-45 x 1 | | |
| Audio speaker | 10W mono | | |
| Dimensions (W x H x D) | 345 x 129 x 270 mm / 13.6" x 5.1" x 10.6" | | |
| Weight | 3.8kg / 8.4lbs | 3.6kg / 7.9lbs | |
| Power requirements | AC 100-240V, 50/60Hz | | |
| Optional accessories | Replacement lamp (VLT-XD600LP), Ceiling mount (PROJ-UCM-PRO2), Replacement remote (XD250REM) | | |
| Warranty | 3-Years of Parts/Labor, 3-Years of Express Replacement Assistance (ERA), 1-year or 500 hours lamp warranty (whichever comes first) | | |

* Compliance with ISO21118-2005
 * All brand names and product names are trademarks, registered trademarks or trade names of their respective holders

* Lamp life specification is an estimate based on information provided by the lamp manufacturer and is not the duration of the warranty. Lamp will shut-off automatically when usage reaches the specified estimated maximum lamp hours.

Screen Size and Projection Distance

Side view



The above numbers are approximate, and may be slightly different from the actual measurements.

Screen size chart (FD630U)

| Screen (16 : 9) | | | Distance from screen (L) | | | | Height projected image (Hd) | | |
|-----------------|-----|-----------|--------------------------|------------|-----|-----------------|-----------------------------|----------------|------|
| Diagonal size | | Width (W) | | Height (H) | | Shortest (Wide) | | Longest (Tele) | |
| inch | cm | inch | cm | inch | cm | inch | m | inch | m |
| 40 | 102 | 35 | 89 | 20 | 50 | 47 | 1.2 | 71 | 1.8 |
| 60 | 152 | 52 | 133 | 29 | 75 | 71 | 1.8 | 107 | 2.7 |
| 80 | 203 | 70 | 177 | 39 | 100 | 96 | 2.4 | 144 | 3.6 |
| 100 | 254 | 87 | 221 | 49 | 125 | 120 | 3.1 | 180 | 4.6 |
| 150 | 381 | 131 | 332 | 74 | 187 | 182 | 4.6 | 271 | 6.9 |
| 200 | 508 | 174 | 443 | 98 | 249 | 243 | 6.2 | 362 | 9.2 |
| 250 | 635 | 218 | 553 | 123 | 311 | 304 | 7.7 | 453 | 11.5 |
| 300 | 762 | 261 | 664 | 147 | 374 | 365 | 9.3 | - | - |

Screen size chart (WD620U)

| Screen (16 : 10) | | | | Distance from screen (L) | | | | Height projected image (Hd) | |
|------------------|-----|-----------|-----|--------------------------|-----|-----------------|-----|-----------------------------|------|
| Diagonal size | | Width (W) | | Height (H) | | Shortest (Wide) | | Longest (Tele) | |
| inch | cm | inch | cm | inch | cm | inch | m | inch | m |
| 40 | 102 | 34 | 86 | 21 | 54 | 48 | 1.2 | 72 | 1.8 |
| 60 | 152 | 51 | 129 | 32 | 81 | 73 | 1.9 | 110 | 2.8 |
| 80 | 203 | 68 | 172 | 42 | 108 | 98 | 2.5 | 147 | 3.7 |
| 100 | 254 | 85 | 215 | 53 | 135 | 123 | 3.1 | 184 | 4.7 |
| 150 | 381 | 127 | 323 | 79 | 202 | 186 | 4.7 | 277 | 7.0 |
| 200 | 508 | 170 | 431 | 106 | 269 | 248 | 6.3 | 370 | 9.4 |
| 250 | 635 | 212 | 538 | 132 | 337 | 311 | 7.9 | 463 | 11.8 |
| 300 | 762 | 254 | 646 | 159 | 404 | 373 | 9.5 | - | - |

Screen size chart (XD600U)

| Screen (4 : 3) | | | Distance from screen (L) | | | | Height projected image (Hd) | | |
|----------------|-----|-----------|--------------------------|------------|-----|-----------------|-----------------------------|----------------|------|
| Diagonal size | | Width (W) | | Height (H) | | Shortest (Wide) | | Longest (Tele) | |
| inch | cm | inch | cm | inch | cm | inch | m | inch | m |
| 40 | 102 | 32 | 81 | 24 | 61 | 45 | 1.1 | 67 | 1.7 |
| 60 | 152 | 48 | 122 | 36 | 91 | 68 | 1.7 | 102 | 2.6 |
| 80 | 203 | 64 | 163 | 48 | 122 | 91 | 2.3 | 137 | 3.5 |
| 100 | 254 | 80 | 203 | 60 | 152 | 115 | 2.9 | 171 | 4.3 |
| 150 | 381 | 120 | 305 | 90 | 229 | 173 | 4.4 | 258 | 6.5 |
| 200 | 508 | 160 | 406 | 120 | 305 | 231 | 5.9 | 344 | 8.7 |
| 250 | 635 | 200 | 508 | 150 | 381 | 289 | 7.3 | 431 | 10.9 |
| 300 | 762 | 240 | 610 | 180 | 457 | 348 | 8.8 | - | - |