



**Model Name** GP20 Ultra Lite LED Projector

**Unique selling point**

- \* 700AL LED, 100% NTSC
- \* Compatible with GP10 DVD player
- \* 1.2 throw ratio (40" @ 1M)
- \* 3W stereo speakers x2 + SRS WOW HD
- \* Auto Blank (Eye protection)
- \* MHL
- \* Wireless Display (Windows / Mac / iOS / Android)
- \* 3D-Ready (DLP Link)

**Trade Mark**

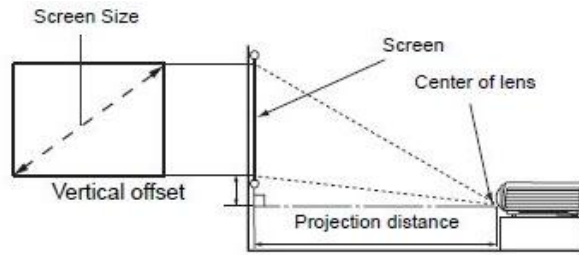


|                                       |  |  |
|---------------------------------------|--|--|
| <b>Projection System</b>              | DLP  |  |
| <b>Native Resolution</b>              | WXGA(1280 x 800)   |  |
| <b>Brightness</b>                     | 700AL  |  |
| <b>Contrast Ratio</b>                 | 100,000 : 1 (FOFO)   |  |
| <b>Display Color</b>                  | 1.07 Billion Colors  |  |
| <b>Lens</b>                           | F=1.65, f=11.7mm   |  |
| <b>Aspect Ratio</b>                   | Native 16:10 (5 aspect ratio selectable)   |  |
| <b>Throw Ratio</b>                    | 1.2:1 (40" @ 1m)   |  |
| <b>Image Size (Diagonal)</b>          | 20"-240"   |  |
| <b>Zoom Ratio</b>                     | Fixed  |  |
| <b>Lamp Type</b>                      | Luminus PT54   |  |
| <b>Lamp(Normal/Economic)*</b>         | 20,000/30,000 hours  |  |
| <b>Keystone Adjustment</b>            | 1D, Vertical +/- 40 degrees  |  |
| <b>Projection Offset</b>              | 100%±5%  |  |
| <b>Resolution Support</b>             | VGA(640 x 480) to UXGA(1600 x 1200)  |  |
| <b>Horizontal Frequency</b>           | 31 ~ 102KHz  |  |
| <b>Vertical Scan Rate</b>             | 23 ~ 120 Hz  |  |
| <b>Compatibility</b>                  | HDTV Compatibility   | 480i, 480p, 576i, 576p, 720p, 1080i, 1080p   |
|                                       | Video Compatibility  | NTSC / NTSC4.43 / PAL / M-PAL / N-PAL / PAL60 / SECAM / HDTV   |
|                                       | 3D Compatibility   | PC: 120Hz Frame Sequential 3D for resolutions up to WXGA, PC: 60Hz Top-bottom 3D for resolutions up to SXGA+<br>Video: 60Hz Frame Sequential 3D for resolutions up to 480i   |
| <b>Interface</b>                      | Computer in (D-sub 15pin)  | x 1  |
|                                       | Composite Video in   | x 1  |
|                                       | Component Video in   | share with D-Sub   |
|                                       | HDMI (v1.3)  | x 1  |
|                                       | MHL  | share with HDMI  |
|                                       | Audio in (Mini Jack)   | x 1 (3.5mm)  |
|                                       | Audio out (Mini Jack)  | x 1 (3.5mm)  |
|                                       | Speaker  | 3W (Amp. 2W) x2 (w/ SRS)   |
|                                       | USB (Type A)   | x 1 (USB Drive/HDD/Wi-Fi dongle)   |
|                                       | USB (Type Mini B)  | x 1 (USB Display/File transfer)  |
|                                       | Card Reader  | x 1 (SD, SDHC up to 32GB)  |
|                                       | Internal memory  | 2GB (1.66 GB for user usage)   |
| <b>Dimensions (W x H x D)</b>         | 220mm x 61.8mm x 177mm   |  |
| <b>Weight</b>                         | 1.5kg (0.67 pounds)  |  |
| <b>Auto Blank</b>                     | Effective distance : 20 cm ~ 30cm (Vary with different ambient light and the color of reflected object)  |  |
| <b>Power</b>                          | Power Supply   | AC 100 to 240 V, 50/60 Hz  |
|                                       | Power Consumption  | 128W/95W (Typical/Eco) , Standby<0.5W  |
| <b>Audible Noise</b>                  | 36/31 dBA (Normal/Economic mode)   |  |
| <b>On-Screen Display Languages</b>    | Arabic / Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hungarian/ Hindi / Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai / Traditional Chinese (28 Languages) |  |
|                                       | Arabic / Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hungarian/ Hindi / Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai / Traditional Chinese (28 Languages) |  |
| <b>Picture Modes</b>                  | Bright/Standard/Cinema/Game/User   |  |
| <b>Accessories</b>                    | <b>Standard</b>  | <b>Optional</b>  |
|                                       | Remote Control w/ Battery  | DVD PLAYER US/CA PRJ GP10 5J3F14.A01 (for A)   |
|                                       | Power Cord (by region)   | DVD PLAYER EU/JP/ZA/ME PRJ GP10 5J3F14.E01 (for E, J(JP), S(ME))   |
|                                       | Carry Bag  | DVD PLAYER KR/TW/MY/SG/TH/ID/VN/HK/PH PRJ GP10 5J3F14.F01 (for K(KR), T(TW), S (MY, SG), F (TH, ID, VN), E(HK), A(PH))   |
|                                       | User Manual (24L, in flash)  | DVD PLAYER AU/NZ/LA PRJ GP10 5J3F14.P01 (for P(AU), L)   |
|                                       | Quick Start Guide (18L)  | DVD PLAYER LA PRJ GP10 5J3F14.L01 (for L)  |
|                                       | Warranty Card (by region)  | DVD PLAYER IN/ME PRJ GP10 5J3F14.D01 (for D(IN), S(ME))  |
|                                       | Wi-Fi dongle   | DVD PLAYER CH PRJ GP10 5J3F14.C01 (for C)  |
|                                       |  | 3D Glasses 5J3T14.011  |
| <b>Multimedia Support Format</b>      | <b>Video</b>   | AVI (Xvid, MPEG), DVIX (MPEG, XVID), DAT (MPEG1), MPG(MPEG1), MPEG(MPEG1)  |
|                                       | <b>Music</b>   | MP3, MP2, MP1, OGG, AAC, WAV   |
|                                       | <b>Photo</b>   | JPG (.jpg, .jpeg) , BMP (.bmp)   |
|                                       | <b>Subtitle</b>  | SRT (.srt) , SMI (.smi) (TBC) [Only support UTF (unicode).]  |
|                                       | <b>Document</b>  | Adobe PDF 1.0~1.4 (.pdf), MS Power Point 97~2010, Office XP (.ppt, .pptx), MS Excel 95 ~ 2010, Office XP (.xls, .xlsx)<br>MS Word 95~2010, Office XP (.doc, .docx)   |
| <b>Wireless Display (Windows)</b>     | <b>System Requirements (EZ Qpresenter 2.0)</b>   | CPU: Dual Core Intel Core i 1.6 GHz or higher (ATOM not supported)<br>Graphic card: Intel, NVIDIA or AMD graphic card with 64MB VRAM or above<br>OS: Windows XP SP3, Vista SP2, Win 7 SP1 and Win8 (not support Starter version)<br>Display mode: Mirror Display<br>Extension Display (*Not support on Win8)<br>Audio on/off (Audio streaming is not supported by WinXP)<br>Wi-Fi: 802.11n |
| <b>Wireless Display (MAC)</b>         | <b>System Requirements (EZ Qpresenter 2.0)</b>   | CPU: Intel Dual core 1.4 GHz or higher (PowerPC not supported)<br>Graphic card: Intel, NVIDIA or AMD graphic card with 64MB VRAM or above<br>OS: Mac OS X 10.7 and above<br>Recommended Models: Mac Book series and iMac series after E/2011<br>Display mode: Mirror Display<br>Extension Display<br>Wi-Fi: 802.11n  |
| <b>Wireless Display (iOS/Android)</b> | <b>Features (EZ Qpresenter 2.0)</b>  | 1. View MS-Office files (Word, Excel, PowerPoint), Adobe PDF, Apple iWorks (Pages, Numbers, Keynote) with sketch function and save to photo roll.<br>2. View local photo gallery and do sketch<br>3. Remote control projector by your mobile device through Wi-Fi network<br>4. Display web pages and support sketch function<br>5. Display Dropbox files                                  |
|                                       | <b>Supported devices</b>   | iPhone 4 and iPhone 4S, iPhone 5, iPad 2, and New iPad (gen 3 iPad)  |
|                                       | <b>Supported file format</b>   | PDF: Adobe PDF 1.6 or later<br>Photo: JPEG/JPG/PNG<br>Office: MS Office 2003 or later<br>iWorks: iWorks '09 (Pages '09, Numbers '09, Keynote '09)  |
|                                       | <b>Wi-Fi</b>   | 802.11b/g/n  |

\*Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.

## GP20 Ultra Lite LED Projector

### Distance Chart



| Screen Size |      |        |        | Projection Distance in mm | Vertical offset in mm |
|-------------|------|--------|--------|---------------------------|-----------------------|
| Diagonal    |      | W (mm) | H (mm) |                           |                       |
| Inches      | mm   |        |        |                           |                       |
| 30          | 762  | 646    | 404    | 750                       | 0                     |
| 40          | 1016 | 862    | 538    | 1000                      | 0                     |
| 50          | 1270 | 1077   | 673    | 1250                      | 0                     |
| 60          | 1524 | 1292   | 808    | 1500                      | 0                     |
| 80          | 2032 | 1723   | 1077   | 2000                      | 0                     |
| 100         | 2540 | 2154   | 1346   | 2500                      | 0                     |
| 120         | 3048 | 2585   | 1615   | 3000                      | 0                     |
| 150         | 3810 | 3231   | 2019   | 3750                      | 0                     |
| 200         | 5080 | 4308   | 2692   | 5000                      | 0                     |
| 220         | 5588 | 4739   | 2962   | 5500                      | 0                     |
| 250         | 6350 | 5385   | 3365   | 6250                      | 0                     |
| 300         | 7620 | 6462   | 4039   | 7500                      | 0                     |

### Dimension

