

# EX320U

Mobile XGA Projector

Stylish, Ergonomic Design...  
Loaded with cutting-edge functionality

## Fully Featured

### High-power 1.3x Zoom Lens

The EX320U is equipped with a powerful zoom lens that provides magnification of 1.3x. This enables greater versatility in how far apart the screen and projector can be placed. Now large-screen images can be enjoyed even in small rooms where the throw-distance is restricted.

### Advanced Network Management

The projector is equipped with a RJ-45 terminal for easy network connection and remote control. Compatibility with the software of Crestron Electronics Inc., a world-leading switch manufacturer, is offered, and centralised On/Off control is possible.



### 3D READY – Enjoy the future today

Experience the impact and allure of 3D images. The 3D video content must be in field sequential format and special electronic shutter glasses are required.



### Top-loading lamp\*1

\*1; A lamp replacement attachment is included to prevent the lamp from being dropped during replacement.

Top-loading lamp



### Long 5,000hr\*2 Lamp Life

\*2; When used in Low Mode. Maximum lamp life in standard mode use is 3,500 hours. It's an estimated life time and the lamp is to be shut off upon the arrival. Lamp life refers to the average time required for brightness to be reduced by half, and not the time specified in the warranty. Lamp service life may vary widely depending on the environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

- 3000 ANSI lumens
- 2000:1 Contrast ratio
- Up to 5,000 hour lamp life
- Brilliant Colour™
- Stand by mode
- Instant Shutdown
- Low Fan Noise
- Dual RGB Input Terminal



**Brighter display solutions**

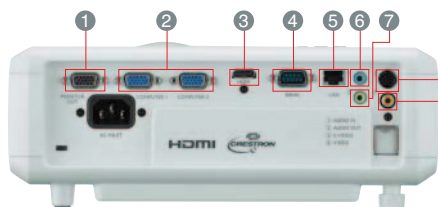


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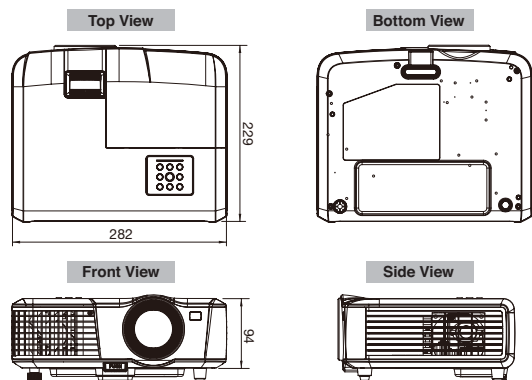
|                   |                |               |                  |                |                   |                     |
|-------------------|----------------|---------------|------------------|----------------|-------------------|---------------------|
| Brilliant Colour™ | Wall Screen    | Password Lock | Instant Shutdown | Long-life Lamp | Low Standby Power | Picture Performance |
| Top Loading Lamp  | Closed Caption | Low Fan Noise | LAN (RJ-45)      | HDMI           |                   | User Friendly       |

## Input and Output Terminals



- |                            |                  |                |
|----------------------------|------------------|----------------|
| 1 Monitor output           | 4 Serial RS-232C | 7 Audio output |
| 2 PC/Component video input | 5 LAN (RJ-45)    | 8 S-Video      |
| 3 HDMI                     | 6 Audio input    | 9 Video        |

## Dimensions



Unit:mm



for a greener tomorrow

Eco Changes is the Mitsubishi Electric Group's environmental statement, and expresses the Group's stance on environmental management. Through a wide range of businesses, we are helping contribute to the realization of a sustainable society.

## Specifications

|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  | EX320U                                                                                                                                                                             |
| Display Technology     | 0.55" 1-Chip DMD                                                                                                                                                                   |
| Resolution             | 1024 x 768 (Total 786,432 pixels)                                                                                                                                                  |
| Brightness             | 3000lm                                                                                                                                                                             |
| Contrast Ratio         | 2000 : 1                                                                                                                                                                           |
| Picture Size*1         | 40" - 300"                                                                                                                                                                         |
| Throw Ratio*1          | 1.5 - 2.0                                                                                                                                                                          |
| Source Lamp            | 170W (5000hr*2) with Low Mode,<br>230W (3500hr*2) with Standard Mode                                                                                                               |
| PC Compatibility       | 640 x 480 - 1600 x 1200,<br>True : 1024 x 768, Sync on Green available                                                                                                             |
| Video Compatibility    | NTSC / NTSC 4.43 / PAL (including PAL-M, N) / SECAM / PAL-60<br>Component Video ; 480i/p (525i/p), 576i/p (625i/p),<br>720p (750p), 1080i/p (1125i/p 60Hz), 1080i/p (1125i/p 50Hz) |
| Input Terminals        | RGB ; mini D-sub 15pin x 2<br>Video ; RCA x 1 + S-VIDEO x 1<br>Digital ; HDMI*3 x 1<br>Audio ; Stereo mini jack (ø3.5mm) x 1                                                       |
| Output Terminals       | RGB ; mini D-sub 15pin x 1<br>Audio ; Stereo mini jack (ø3.5mm) x 1                                                                                                                |
| Communication Terminal | Serial; D-Sub 9pin x 1 (RS-232C) LAN ; RJ-45 x 1                                                                                                                                   |
| Speaker Output         | 2W Mono                                                                                                                                                                            |
| Dimensions (W x H x D) | 282 x 94 x 229 mm / 11.1 x 3.7 x 9.0 inch (Not including protrusion)                                                                                                               |
| Weight                 | 2.5kg / 5.5lbs                                                                                                                                                                     |
| Power Requirements     | AC 100-240V, 50/60Hz                                                                                                                                                               |
| Optional Lamp          | VLT-EX320LP                                                                                                                                                                        |

\*1: Compliant with ISO21118-2005

\*2: All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

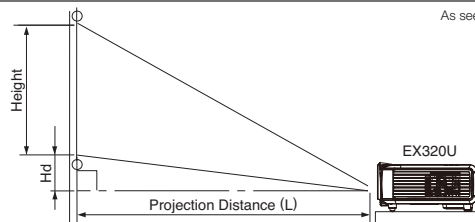
\*3: Actual values may vary slightly from those listed here.

\*2: Lamp service life varies depending on usage environment and maintenance.

\*3: \*HDMI, the HDMI Logo, and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries."

## Screen size and Projection distance

As seen from the side



### Screen size chart (4:3 aspect ratio)

| Diagonal Size |     | Screen    |            | Height (H)      |                | Distance from screen (L) |     | Height projected image (Hd) |      |
|---------------|-----|-----------|------------|-----------------|----------------|--------------------------|-----|-----------------------------|------|
|               |     | Width (W) | Height (H) | Shortest (Wide) | Longest (Tele) | inch                     | m   | inch                        | cm   |
| inch          | cm  | inch      | cm         | inch            | m              | inch                     | m   | inch                        | cm   |
| 40            | 102 | 32        | 81         | 24              | 61             | 48                       | 1.2 | 63                          | 1.6  |
| 60            | 152 | 48        | 122        | 36              | 91             | 73                       | 1.8 | 94                          | 2.4  |
| 80            | 203 | 64        | 163        | 48              | 122            | 97                       | 2.5 | 126                         | 3.2  |
| 100           | 254 | 80        | 203        | 60              | 152            | 121                      | 3.1 | 157                         | 4.0  |
| 120           | 305 | 96        | 244        | 72              | 183            | 145                      | 3.7 | 189                         | 4.8  |
| 150           | 381 | 120       | 305        | 90              | 229            | 182                      | 4.6 | 236                         | 6.0  |
| 200           | 508 | 160       | 406        | 120             | 305            | 242                      | 6.2 | 315                         | 8.0  |
| 250           | 635 | 200       | 508        | 150             | 381            | 303                      | 7.7 | 394                         | 10.0 |
| 300           | 762 | 240       | 610        | 180             | 457            | 363                      | 9.2 | 472                         | 12.0 |

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

### Screen size chart (16:9 aspect ratio)

| Diagonal Size |     | Screen    |            | Height (H)      |                | Distance from screen (L) |      | Height projected image (Hd) |      |
|---------------|-----|-----------|------------|-----------------|----------------|--------------------------|------|-----------------------------|------|
|               |     | Width (W) | Height (H) | Shortest (Wide) | Longest (Tele) | inch                     | m    | inch                        | cm   |
| inch          | cm  | inch      | cm         | inch            | m              | inch                     | m    | inch                        | cm   |
| 40            | 102 | 35        | 89         | 20              | 50             | 52                       | 1.3  | 68                          | 1.7  |
| 60            | 152 | 52        | 133        | 29              | 75             | 78                       | 2.0  | 102                         | 2.6  |
| 80            | 203 | 70        | 177        | 39              | 100            | 105                      | 2.7  | 136                         | 3.5  |
| 100           | 254 | 87        | 221        | 49              | 125            | 131                      | 3.3  | 170                         | 4.3  |
| 120           | 305 | 105       | 266        | 59              | 149            | 157                      | 4.0  | 204                         | 5.2  |
| 150           | 381 | 131       | 332        | 74              | 187            | 196                      | 5.0  | 255                         | 6.5  |
| 200           | 508 | 174       | 443        | 98              | 249            | 261                      | 6.6  | 340                         | 8.6  |
| 250           | 635 | 218       | 553        | 123             | 311            | 327                      | 8.3  | 425                         | 10.8 |
| 300           | 762 | 261       | 664        | 147             | 374            | 392                      | 10.0 | —                           | —    |

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

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