



# MITSUBISHI ELECTRIC

## MULTIMEDIA DATA/VIDEO PROJECTORS

*Changes for the Better*



**From a mere 63cm...  
Sharp, clear wide-screen images**



**NEW** Ultra-short Throw Projector

# EW230U-ST

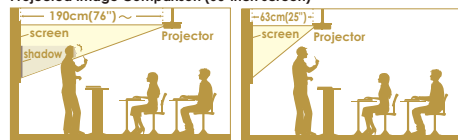


### 3 Major Functions

#### 1 Ultra-short Throw Projection

The issue of presenting in environments with limited projection space can now be eliminated with the new EW230U-ST. This native WXGA projector is equipped with an ultra-powerful short-throw lens that can project an amazing 60-inch diagonal image from a distance of just 63cm (25 inches) from the screen. With such an amazingly short projection distance, previous concerns about presenters casting their shadow on the screen are now eliminated.

**Projected Image Comparison (60-inch screen)**

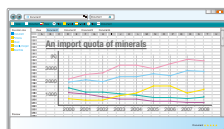


Conventional Mitsubishi Electric model  
[Projection distance of 190cm\*(76"+)]

EW230U-ST

#### 2 Wide-screen Compatible

The EW230U-ST is a WXGA projector with 1280 x 800 pixel resolution specially tuned to screen aspect ratios that support the shift towards wide-screen computer monitors. It reproduces a display area 1.3 times that of conventional XGA projectors, ensuring full compatibility with wider screens and eliminating the need for left-right screen adjustment. Depending on the software installed, dual-screen projection, such as simultaneously viewing the menu and previews, is possible. DVD images can also be reproduced directly without requiring signal compression, thus providing sharper, clearer images.



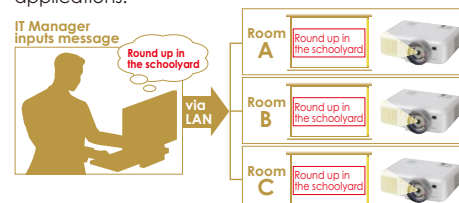
Display different windows side by side,  
banishing the idea of left-right scrolling.



Wide-screen broadcasts  
in all their natural glory.

#### 3 Network Connectivity

The EW230U-ST is equipped with a built-in LAN (RJ-45) terminal for remote operation when connected to a network. Additionally, when used with Crestron® software, integrated control of up to 250 projectors including power on/off control, message display on multiple projectors and confirmation of lamp service hours is possible using RoomView™/e-Control™ applications.



### More Functions

- 3D READY – Enjoy the future today
- A light 2.8kg, 2400lm brightness
- Silent 29dBA Operation (Low Mode)
- Wall Screen
- Direct Power Off
- Top-loading lamp\*1

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



Top-loading lamp

#### ● Long 4,000hr\*2 Lamp Life

\*2: When used in low lamp mode. Maximum lamp life in standard mode use is 3,000 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.

#### ● Stand-by Mode under 1W\*3

\*3: When LAN control is set to RS-232C, and "Stand-by Audio Out" and "Stand-by Monitor Out" are set to "Off."

#### ● BrilliantColor™\*4 (6-segment color wheel) Adopted

\*4: BrilliantColor is a trademark of Texas Instruments.

#### ● 18-language On-screen Display Capable

#### ● Closed Caption (CC) Capable

#### ● Dual RGB Input Terminal

**NEW**

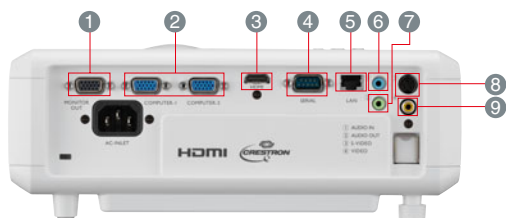


# EW230U-ST

Ultra-short throw Projector

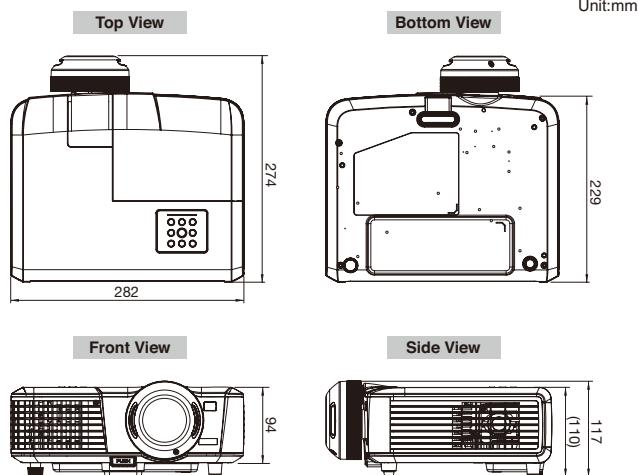
|                  |                        |                |                  |                |                   |                     |
|------------------|------------------------|----------------|------------------|----------------|-------------------|---------------------|
| Brilliant Color™ | Wall Screen            | Password Lock  | Direct Power Off | Long-life Lamp | Low Standby Power | Picture Performance |
| Top Loading Lamp | Ultra-short Throw Lens | Closed Caption | Low Fan Noise    | LAN (RJ-45)    | HDMI              | User Friendly       |

## Input and Output Terminals



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

## Dimensions

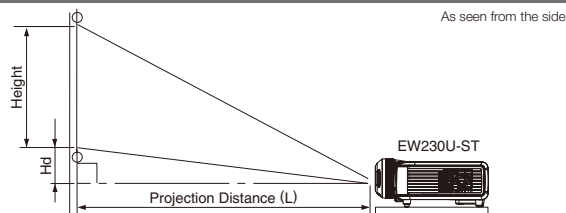


## Specifications

|                        |                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                  | EW230U-ST                                                                                                                                                                          |
| Display Technology     | 0.65" 1-Chip DMD                                                                                                                                                                   |
| Resolution             | 1280 x 800 (Total 1,024,000 pixels)                                                                                                                                                |
| Brightness             | 2400lm                                                                                                                                                                             |
| Contrast Ratio         | 2000 : 1                                                                                                                                                                           |
| Picture Size*1         | 50" - 300"                                                                                                                                                                         |
| Throw Ratio*1          | 0.5                                                                                                                                                                                |
| Source Lamp            | 160W (4000hr*2) with Low Mode,<br>185W (3000hr*2) with Standard Mode                                                                                                               |
| PC Compatibility       | 640 x 480 - 1600 x 1200,<br>True : 1280 x 800, 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 (Ver1.2) 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 | RS-232C; D-Sub 9pin x 1 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                 | 2.8kg / 6.2lbs                                                                                                                                                                     |
| Power Requirements     | AC 100-240V, 50/60Hz                                                                                                                                                               |
| Optional Lamp          | VLT-EX240LP                                                                                                                                                                        |

• Compliance with ISO21118-2005  
• All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.  
\*1; Value may vary a few percent from that listed in the chart.  
\*2; It's an estimated life time and the lamp is to be shut off upon the arrival. And it's not the time specified in the warranty.  
\*3; The above numbers are approximate, and may be slightly different from the actual measurements.

## Screen size and Projection distance



Screen size chart (16:10 aspect ratio)

| Diagonal Size |     | Screen Width (W) |     | Screen Height (H) |     | Distance from screen (L) |     | Height projected image (Hd) |    |
|---------------|-----|------------------|-----|-------------------|-----|--------------------------|-----|-----------------------------|----|
|               |     | inch             | cm  | inch              | cm  | inch                     | m   | inch                        | cm |
| 50            | 127 | 42               | 108 | 26                | 67  | 21                       | 0.5 | 1                           | 3  |
| 60            | 152 | 51               | 129 | 32                | 81  | 25                       | 0.6 | 2                           | 4  |
| 80            | 203 | 68               | 172 | 42                | 108 | 33                       | 0.8 | 2                           | 5  |
| 100           | 254 | 85               | 215 | 53                | 135 | 41                       | 1.1 | 3                           | 7  |
| 150           | 381 | 127              | 323 | 79                | 202 | 62                       | 1.6 | 4                           | 10 |
| 200           | 508 | 170              | 431 | 106               | 269 | 83                       | 2.1 | 5                           | 13 |
| 250           | 635 | 212              | 538 | 132               | 337 | 104                      | 2.6 | 7                           | 17 |
| 270           | 686 | 229              | 582 | 143               | 363 | 112                      | 2.8 | 7                           | 18 |
| 300           | 762 | 254              | 646 | 159               | 404 | 124                      | 3.2 | 8                           | 20 |

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

Screen size chart (16:9 aspect ratio)

| Diagonal Size |     | Screen Width (W) |     | Screen Height (H) |     | Distance from screen (L) |     | Height projected image (Hd) |    |
|---------------|-----|------------------|-----|-------------------|-----|--------------------------|-----|-----------------------------|----|
|               |     | inch             | cm  | inch              | cm  | inch                     | m   | inch                        | cm |
| 50            | 127 | 44               | 111 | 25                | 62  | 22                       | 0.6 | 3                           | 7  |
| 60            | 152 | 52               | 133 | 29                | 75  | 26                       | 0.7 | 3                           | 8  |
| 80            | 203 | 70               | 177 | 39                | 100 | 35                       | 0.9 | 4                           | 11 |
| 100           | 254 | 87               | 221 | 49                | 125 | 44                       | 1.1 | 5                           | 14 |
| 150           | 381 | 131              | 332 | 74                | 187 | 65                       | 1.7 | 8                           | 21 |
| 200           | 508 | 174              | 443 | 98                | 249 | 87                       | 2.2 | 11                          | 27 |
| 250           | 635 | 218              | 553 | 123               | 311 | 109                      | 2.8 | 13                          | 34 |
| 270           | 686 | 235              | 598 | 132               | 336 | 118                      | 3.0 | 15                          | 37 |
| 300           | 762 | 261              | 664 | 147               | 374 | 131                      | 3.3 | 16                          | 41 |

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

**MITSUBISHI ELECTRIC CORPORATION**  
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To find out more about EW230U-ST and our projectors, visit us at

**Global.MitsubishiElectric.com/projectors/**