MITSUBISHI ELECTRIC

MULTIMEDIA DATA/VIDEO PROJECTORS

In the Boardroom or Classroom…
Add life to your presentations

Mobile
XGA
Projector
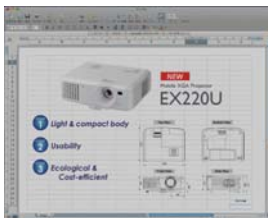# EX220U

POINT 1 — Light & compact body

A light 2.4kg, 2500lm brightness

The EX220U weighs in at a light 2.4kg for excellent portability, and offers an impressive projection brightness of 2500lm. Whether used in a meeting room or classroom, clear images are reproduced even in ambient light.

1000lm

2500lm

POINT 2 — Usability

Wall Screen

Projects natural color images not only onto white or black boards, but light-yellow, blue, light-green or pink walls as well –– turning nearly any wall into a projection surface.

Direct Power Off

The EX220U features a direct power off function that immediately cuts all power, eliminating previously the annoying power-down time required before unplugging the projector. When the presentation is over, simply turn off the power, disconnect the projector, and you're ready to go. A must-have feature for people that require mobility and have busy schedules.

Top-loading lamp

The projection lamp is installed in the upper section of the main body. Whether sitting on a shelf or suspended from the ceiling, lamp replacement is simple and easy*1, and there's never a need to move the whole projector.
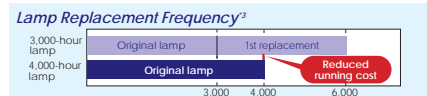
*1: A lamp replacement attachment is included to prevent the lamp from being dropped during replacement.

POINT 3 — Ecological & Cost-efficient

Long 4,000hr*2 Lamp Life

By increasing the estimated lamp life, we've added the advantages of lower maintenance and reduced operating cost.

Lamp Replacement Frequency*3

3,000-hour lamp	Original lamp	1st replacement
4,000-hour lamp	Original lamp	Reduced running cost

3,000   4,000   6,000

*2: When used in low lamp mode. Maximum lamp life in standard mode use is 3,000 hours.
*3: 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 environ-ment and conditions, and whether or not cleaning and other maintenance procedures are followed.

Stand-by Mode under 1W

Stand-by mode power consumption is less than 1W, offering increased energy savings and further contributing to environmental preservation.

EX220U

Mobile XGA Projector

PICTURE BY **DLP** TEXAS INSTRUMENTS

Brilliant Color™	Wall Screen	Password Lock	Direct Power Off	Long-life Lamp	Low Standby Power
Top Loading Lamp	Closed Caption	Low Fan Noise			

- ■ Picture Performance
- ■ Presentation
- ■ User Friendly

Other Features

Superior Colour Performance
New BrilliantColor™ (6segment colour wheel) Adopted
＊BrilliantColor is a trademark of Texas Instruments.
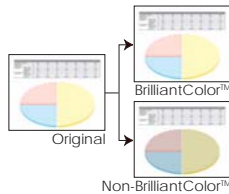
For worldwide business presentations
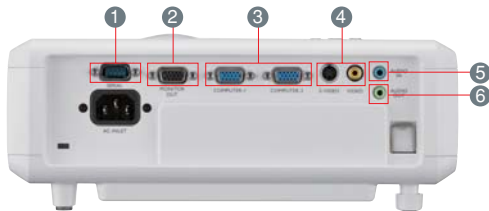*18 Languages OSD*

Automatic Subtitle Function
Closed Caption (CC) Capable
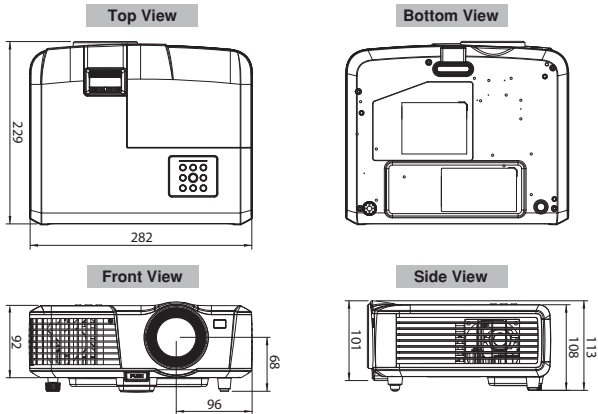
Enhanced Connectivity
Dual RGB Input Terminals

Original
BrilliantColor™
Non-BrilliantColor™

Input and Output Terminals

① Serial RS-232C
② Monitor output
③ PC/Component video input
④ S-Video/Video
⑤ Audio input
⑥ Audio output

Dimensions

Top View
229
282

Bottom View

Front View
92
68
96

Side View
101
113
108

Unit:mm

Specifications

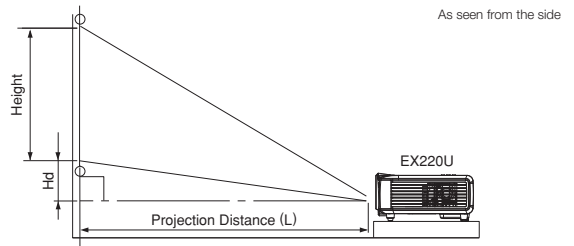| Model	EX220U
Display Technology	0.55" 1-Chip DMD
Resolution	1024 x 768 (Total 786,432 pixels)
Brightness (Maximum)*1	2500lm
Contrast Ratio	2000 : 1
Picture Size	40" - 300"
Throw Ratio	1.9 - 2.1
Source Lamp*2	160W (Shut-off Time 4000hr) with Low Mode, 185W (Shut-off Time 3000hr) with Standard Mode
PC Compatibility	640 x 400 - 1600 x 1200, True : 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 60Hz), 1080i (1125i 50Hz)
Input Terminals	RGB ; mini D-sub 15pin x 2 RCA x 1 + S-VIDEO x 1 Audio ; Stereo mini jack (ø3.5mm) x 1
Output Terminals	RGB ; mini D-sub 15pin x 1 Audio ; Stereo mini jack (ø3.5mm) x 1
Communication Terminal	RS-232C; D-Sub 9pin x 1
Audio Speaker	2W Mono
Dimensions (W x H x D)	282 x 92 x 229 mm / 11.1 x 3.6 x 9.0 inch
Weight	2.4kg / 5.3lbs
Power Requirements	AC 100-240V, 50/60Hz
Optional Lamp	VLT-EX240LP

*1 Compliance with ISO21118-2005
*2 Approximate figure based on average operational life cycle
• All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

Screen size and Projection distance

As seen from the side

Height
Hd
Projection Distance (L)
EX220U

Screen size chart (4:3 aspect ratio)

Screen						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	inch	cm
40	102	32	81	24	61	60	1.5	66	1.7	2	6
60	152	48	122	36	91	90	2.3	99	2.5	4	9
80	203	64	163	48	122	120	3.0	132	3.4	5	12
100	254	80	203	60	152	150	3.8	165	4.2	6	15
150	381	120	305	90	229	225	5.7	247	6.3	9	23
200	508	160	406	120	305	300	7.6	330	8.4	12	30
250	635	200	508	150	381	375	9.5	412	10.5	15	38
300	762	240	610	180	457	450	11.4	–	–	18	46

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

Screen size chart (16:9 aspect ratio)

Screen						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	inch	cm
40	102	35	89	20	50	66	1.7	73	1.9	6	15
60	152	52	133	29	75	99	2.5	109	2.8	9	22
80	203	70	177	39	100	132	3.4	146	3.7	12	30
100	254	87	221	49	125	166	4.2	182	4.6	15	37
150	381	131	332	74	187	248	6.3	273	6.9	22	56
200	508	174	443	98	249	331	8.4	364	9.3	29	75
250	635	218	553	123	311	414	10.5	455	11.6	37	93
275	699	240	609	135	342	455	11.6	–	–	40	103

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To find out more about EX220U and our projectors, visit us at

www.MitsubishiElectric.com.au