

FD630U

Gestochen scharf präsentieren

FULL HD



■ Bildqualität ■ Präsentation ■ Bedienungs-/Umweltfreundlichkeit

Technische Daten

Technologie	0,65" 1-Chip DMD, 12° LVDS, DDP3021
Auflösung/Pixelanzahl	1.920 x 1.080 (ges. 2.073.600 Pixel)
Bildhelligkeit	4.000 ANSI Lumen
Kontrastverhältnis	2.000:1 (on/off)
Vertikalfrequenz (V-Sync)	50–85 Hz
Horizontalfrequenz (H-Sync)	15–80 kHz
Bandbreite	bis 170 MHz
Projektionslampe	280 W
Lampenlebensdauer	ca. 5.000 Stunden (Low Mode) ¹
Objektiv	F/2,4–2,8, f = 20,6–30,1 mm
Fokus/Zoom	Manueller Fokus und Zoom (Zoomverhältnis: 1,5:1)
Projektionsverhältnis	1,4–2,1:1
Bilddiagonale	1,02–7,62 m
Lüftergeräusch	29 dB (Low Mode)
Integrierter Lautsprecher	10 W Mono
PC-Kompatibilität	640 x 480 bis 1.920 x 1.080 Pixel (kompr. 1.600 x 1.200 Pixel), Sync auf Grün möglich
Video-Kompatibilität	NTSC/NTSC 4.43, PAL (inkl. PAL-M, N), SECAM, PAL-60, Komp. Video: 480i/p (525i/p), 576i/p (625i/p), 720p (750p), 1.080i (1.125i, 60 Hz), 1.080i (1.125i, 50 Hz), 1.080p
Funktionen/Besonderheiten	Passwortschutz, Instant Shut Down, Wall-Screen-Funktion für diverse Wandfarben, Audio Mix Function, Netzwerksteuerung, bequemer Lampenzugriff von oben, programmierbares Startlogo, 10-Watt-Lautsprecher, LAN (RJ-45), HDMI

Eingänge	PC (RGB): 2 x Mini-D-Sub 15-polig Audio: 2 x Stereo-Mini-Klinke (Ø 3,5 mm), (1 x PC, 1 x Video) Video: RCA, S-Video Digital: HDMI Video Audio: RCA (L/R)
Ausgänge	PC (RGB): Mini-D-Sub 15-polig Audio: Stereo-Mini-Klinke (Ø 3,5 mm)
Kommunikationsschnittstellen	RS232C (Mini-DIN 8-polig), LAN (RJ-45)
Fernbedienung	Komplettbedienung des Projektors
Maße (B x H x T)	345 x 129 x 270 mm
Gewicht	3,8 kg
Leistungsaufnahme	ca. 390 W, weniger als 1 Watt im Standby
Spannung	AC 100–240 V, 50/60 Hz
Mitgeliefertes Zubehör	Kabelsatz, Fernbedienung inkl. Batterien, Softbag, mehrsprachige Bedienungsanleitung (CD-ROM), Kurzbedienungsanleitung, Sicherheitshinweise, Schutzkappe für Objektiv, Lampen-Austausch-Werkzeug
Optionales Zubehör	Ersatzlampe: VLT-XD600LP

¹Abhängig vom Einsatzbereich und der Nutzung. Es handelt sich um einen Durchschnittswert des Lampenherstellers, der unter Idealbedingungen ermittelt wurde.

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New MOBILE PROJECTOR

FULL HD **FD630U**
 WXGA **WD620U**
 XGA **XD600U**

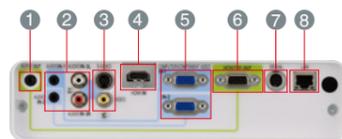


- Brilliant Color™
- Color Enhancer
- Wall Screen
- 10W Speaker
- User Logo Projection
- Password Lock
- Instant Shutdown
- Long-life Lamp
- Low Stand-by Power
- Top/Side Loading Lamp
- LAN (RJ-45)
- HDMI
- Closed Caption
- Low Fan Noise



Input and Output Terminals

(XD600U/WD620U only)



- 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)



MITSUBISHI ELECTRIC

MULTIMEDIA DATA/VIDEO PROJECTORS

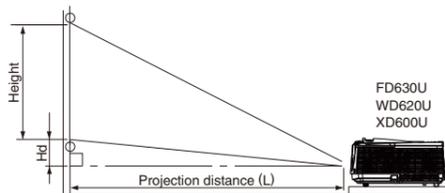
Specifications

Model	FD630U	WD620U	XD600U
Display technology	0.65" 1-chip DMD	0.65" 1-chip DMD	0.7" 1-chip DMD
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	2000 : 1	2000 : 1
Picture size	40" - 300"	40" - 300"	40" - 300"
Throw ratio	1.4 - 2.1	1.5 - 2.2	1.4 - 2.1
Source lamp	230W (shut-off time 5000hr) in low mode, 280W (shut-off time 3000hr) in standard mode		
PC compatibility	640 x 480 - 1920 x 1200, True : 1920 x 1080, sync on green available	640 x 480 - 1280 x 1024, True : 1280 x 800, sync on green available	640 x 480 - 1280 x 1024, 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 50/60Hz), 1080p (1125p 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 inch		
Weight	3.8kg / 8.3lbs	3.6kg / 7.9lbs	
Power requirements	AC 100-240V, 50/60Hz		
Optional lamp	VLT-XD600LP		

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

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)

Diagonal size	Screen (16 : 9)				Distance from screen (L)				Height projected image (Hd)		
	Width (W)		Height (H)		Shortest (Wide)		Longest (Tele)		Height projected image (Hd)		
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm
40	102	35	89	20	50	47	1.2	71	1.8	6.6	17
60	152	52	133	29	75	71	1.8	107	2.7	9.9	25
80	203	70	177	39	100	96	2.4	144	3.6	13.2	34
100	254	87	221	49	125	120	3.1	180	4.6	16.5	42
150	381	131	332	74	187	182	4.6	271	6.9	24.7	63
200	508	174	443	98	249	243	6.2	362	9.2	33.0	84
250	635	218	553	123	311	304	7.7	453	11.5	41.2	105
300	762	261	664	147	374	365	9.3	-	-	49.5	126

Screen size chart (WD620U)

Diagonal size	Screen (16 : 10)				Distance from screen (L)				Height projected image (Hd)		
	Width (W)		Height (H)		Shortest (Wide)		Longest (Tele)		Height projected image (Hd)		
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm
40	102	34	86	21	54	48	1.2	72	1.8	6.2	16
60	152	51	129	32	81	73	1.9	110	2.8	9.2	23
80	203	68	172	42	108	98	2.5	147	3.7	12.3	31
100	254	85	215	53	135	123	3.1	184	4.7	15.4	39
150	381	127	323	79	202	186	4.7	277	7.0	23.1	59
200	508	170	431	106	269	248	6.3	370	9.4	30.8	78
250	635	212	538	132	337	311	7.9	463	11.8	38.5	98
300	762	254	646	159	404	373	9.5	-	-	46.2	117

Screen size chart (XD600U)

Diagonal size	Screen (4 : 3)				Distance from screen (L)				Height projected image (Hd)		
	Width (W)		Height (H)		Shortest (Wide)		Longest (Tele)		Height projected image (Hd)		
inch	cm	inch	cm	inch	cm	inch	m	inch	m	inch	cm
40	102	32	81	24	61	45	1.1	67	1.7	3.6	9
60	152	48	122	36	91	68	1.7	102	2.6	5.4	14
80	203	64	163	48	122	91	2.3	137	3.5	7.2	18
100	254	80	203	60	152	115	2.9	171	4.3	9.0	23
150	381	120	305	90	229	173	4.4	258	6.5	13.5	34
200	508	160	406	120	305	231	5.9	344	8.7	18.0	46
250	635	200	508	150	381	289	7.3	431	10.9	22.5	57
300	762	240	610	180	457	348	8.8	-	-	27.0	69



Ideal Projectors for the Office or Classroom



New
FULL HD 1080
WIDE WXGA
FD630U
WD620U
XD600U

MITSUBISHI ELECTRIC CORPORATION
 HEAD OFFICE : TOKYO BLDG., 2-7-3, MARUNOUCHI, CHIYODA-KU, TOKYO 100-8310, JAPAN

To find out more about FD630U/WD620U/XD600U and our projectors, visit us at

Global.MitsubishiElectric.com/projectors/

Compact, with Amazing Image Quality, Durability and Ease of Operation

Mitsubishi Electric continues its pioneering advancements in the field of image projection with introduction of three attractive mobile projectors. Choose from three resolutions according to your application needs (FD630U, 1080p; WD620U, WXGA; XD600U, XGA). Each is built to provide the reliability and durability synonymous with the Mitsubishi Electric name, and incorporates an array of user-friendly functions. When it comes to visual communications, these models offer a good balance between cost and features.

New **FULLHD 1080** **FD630U**
WIDE WXGA **WD620U**
XD600U



Choose from a Variety of Screen Sizes

From XGA to 1080p, Select the Resolution that Best Matches Your Needs.

The trend towards wide-screen television broadcasting and wide-screen computers continues to grow. The FD630U and WD620U projectors offer wide-aspect ratios suitable for displaying wide-screen content without distortion or compression. Additionally, switching from

an XGA projector to a WXGA projector increases the effective display screen area 1.3 times. What's more, upgrading to a 1080p projector gives a screen area 2.3 larger (compared to XGA).



Ecological & Cost-efficient

Stand-by Mode under 1W*1

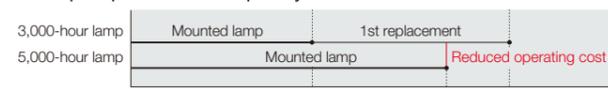
Stand-by (low) mode power consumption is less than 1W, offering increased energy savings and further contributing to environmental preservation.

*1: Stand-by mode with network turned off, 3W in normal mode with network turned on.

Long 5,000hr*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



*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 environment and conditions, and whether or not cleaning and other maintenance procedures are followed.

Filter-free

DLP™ projectors are structurally airtight, eliminating the need for an intake filter under normal conditions, and lowering costs.

Exceptionally Quiet

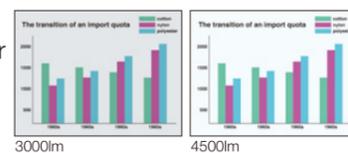
Silent 29dBA Operation (in low mode)

Like giving a presentation in a suburban residential area in the middle of the night! That's the operating sound level promised by the FD630U/WD620U/XD600U.

Clear, Vivid Images

High brightness 4500lm*4 and high contrast 2000:1

A high brightness and a high contrast level for presentations in large meeting rooms and conference halls.



*4: 4500lm for XD600U only, 4000lm for WD620U and FD630U.

High-power projection – Distance increased 1.5x

The FD630U/WD620U/XD600U is equipped with a specially calibrated lens for high-power projection. Projection distances from 1.7 to 2.6m (68in to 102in)*5 are possible using a 60-inch screen, and brilliant, crystal-clear images are assured even when projection distance is short.

*5: When using XD600U.

Array of Convenient Functions

Top-loading lamp for easier maintenance

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*6, and there's never a need to move the whole projector.



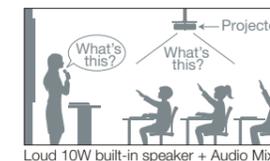
*6: A lamp replacement attachment is included to prevent the lamp from being dropped during replacement.

Loud 10W built-in speaker

A high-volume, 10W speaker is built-in, eliminating the need for an external speaker.

Microphone capability with mixing input audio source

Using the "Audio Mix*7" feature and wireless microphone available on the market, the presenter's voice is reproduced loud and clear in real-time.



*7: Only compatible with stereo mini-jack. Not compatible with RCA jack (L/R) or HDMI.

3D READY*8 – Enjoy the future today

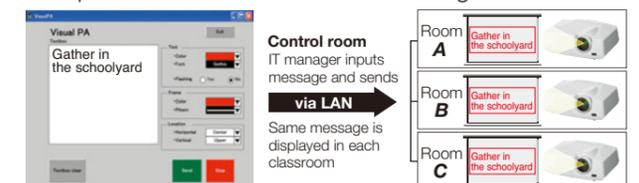
Experience the impact and allure of 3D images. The 3D video content must be in field sequential format and special electronic shutter glasses are required.

*8: Only installed in the XD600U. Not installed in the WD620U or FD630U.

Visual PA broadcasting of various written messages

Utility and convenience are further enhanced with the incorporation of Visual PA, built into the XD600U and WD620U projectors as standard equipment. With this function, if the control room computer is equipped with projector-control software, projectors connected to the LAN can simultaneously display messages of up to 350 characters in real-time.

The FD630U is equipped with our new Visual PA2 feature, which provides message input/save and voice announcement functions as well. Emergency messages prepared in advance can be sent simultaneously to all projectors connected on the LAN. The software is also capable of recognizing messages input via the keyboard and provide a verbal announcement, increasing the effect of the message by reading it out loud. This system is ideal for broadcasting important information to multiple rooms in school or office buildings.



Control room
 IT manager inputs message and sends via LAN
 Same message is displayed in each classroom