

# MITSUBISHI ELECTRIC Display Solutions **FL7000U**

*Changes for the Better*

crystal clear  
display solutions



## Presenting Impressive Full 1080p High Definition Displays for Installation Applications

### Full 1080p High Definition Images

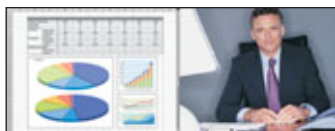
Large format visual images are impossible to reproduce in full with conventional XGA projectors. The FL7000U is compatible with HDTV broadcasts and high-definition DVDs to produce impressive and full 1080p images in all their original digital glory.

### High brightness

The FL7000U produces 5000 ANSI lumens of brightness for presenting in large meeting rooms and conference centres.

### Side by Side Split Screen Function

The split-screen function of conventional XGA projectors overlaps, with the sub-screen in front of the main screen. Our full high-definition panels present perfectly parallel split windows, placing two screens side-by-side. When displays are simultaneous and identical in scale, comparative viewing is clear and effective.



### Fully Networkable

The integrated LAN and PLink interface enables users to fully network

the FL7000. Using the ProjectorView software option users can connect the projector to their network for remote management from a PC.

### Versatile Input Terminals

Offering more operating convenience for system installations, the FL7000U is equipped with BNC terminals that allow for a variety of audio-visual and PC equipment to be connected easily.

### Long 4000 hours lamp life

Designed with a lamp temperature controlling system, the FL7000U can support a lamp life of up to 4000 hours (in low mode). The long life lamp makes dramatic reductions in overall cost of ownership by decreasing the frequency of lamp replacements.

### Anti Theft Features

Through software a password menu can be set up to help lock out unauthorised access to the projector. A splash or logo screen can be set to appear each time the projector is powered on, acting as a deterrent to potential theft. In addition the FL7000U features a motion alarm that is built into the cable cover; if anyone tries to forcibly move the projector aloud alarm will sound. (Mitsubishi Electric can not accept any liability for theft).

**5000 ANSI LUMENS   4000 HOUR LAMP LIFE   1000:1 CONTRAST RATIO   OPTIONAL LENSES**

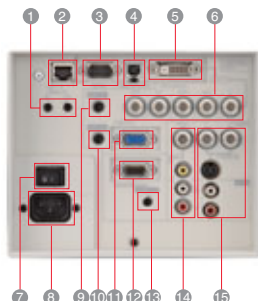


# FL7000U

**FULLHD 1080** **5000lm** HIGH BRIGHTNESS

## Input and Output Terminals

- ① REMOTE IN and OUT terminals
- ② LAN terminal
- ③ SERIAL terminal (D-SUB 9-pin)
- ④ USB (COMPUTER) terminal
- ⑤ COMPUTER/COMPONENT VIDEO DVI-D (HDCP) terminal (DVI-D 24-pin)
- ⑥ COMPUTER / COMPONENT VIDEO IN 1 terminals (R/P, G/Y, B/P, H/HV, V) (BNC)
- ⑦ Main power switch O : OFF I : ON
- ⑧ Power jack
- ⑨ AUDIO IN 1 terminal (Mini jack)  
— The AUDIO IN 1 terminal is used for both COMPUTER 1 and DVI input.
- ⑩ AUDIO IN 2 terminal (Mini jack)
- ⑪ COMPUTER/COMPONENT VIDEO IN 2 terminal (Mini D-SUB 15-pin)
- ⑫ MONITOR OUT terminal (Mini D-SUB 15-pin)
- ⑬ AUDIO OUT terminal (Mini jack)
- ⑭ VIDEO IN and audio input terminals
- ⑮ S-VIDEO IN and audio input terminals



## Specifications

Model	FL7000U
Display technology	1.1" 3-LCD
Resolution	1920 x 1080 (Total 2,073,600 pixels)
Brightness	5000 ANSI Lumens
Contrast ratio	1000:1 (on/off)
Projection lens	f=51-64mm, F1.8-2.1
Zoom / focus	Motorized Zoom & Focus
Picture size	60" - 250" (100"=4.5 - 5.7m)
Source lamp	220W (Shut Off Time 4000Hrs) with Low mode, 275W (Shut Off Time 2000Hrs) with Standard mode
Computer compatibility	Resolution ; 640 x 400 (Expand) - 1920 x 1080 (Real) - 1600 x 1200 (Compress) 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 50/60Hz), 1080i (1125i 50/60Hz), 1080p (1125p 50/60Hz), (1080i (1250i 50Hz) is not available) SCART (RGB + 1V sync, only Mini D-Sub 15pin Terminal)
Input terminals	PC ; 5 BNC x 1, Mini D-Sub 15pin x 1, DVI-D(with HDCP) x 1, PC Audio ; Stereo mini jack (φ3.5mm) x 2 Video ; RCA x 1 or BNC x 1, S-VIDEO (4pin) x 1 or S-VIDEO Y/C (BNC), Video Audio ; RCA (L/R) x 2
Output terminals	RGB ; Min D-Sub 15 pin x 1, Audio ; Stereo mini jack (φ3.5mm) x 1 (Variable Out)
Communication terminals	LAN (RJ-45) ; x 1 (Projector control), RS-232C ; D-Sub 9pin x 1 (Direct command is available.), USB ; x 1 (for Mouse Cursor Control) Wired remote (IN) ; x 1 (φ3.5mm Stereo mini jack ), Wired remote (OUT) : x 1 (φ3.5mm Stereo mini jack )
Audio speaker	10 W Mono
Dimensions (W x H x D)	443 x 207 x 434 mm / 17.4 x 8.1 x 17.1 inch (Including detachable Terminal Cover)
Weight	9.8kg / 21.6lbs (Exclude detachable Terminal Cover)
Power supply	AC100 - 240V, 50/60 Hz

\* SXGA, XGA and SVGA are registered trademarks of IBM Corporation.

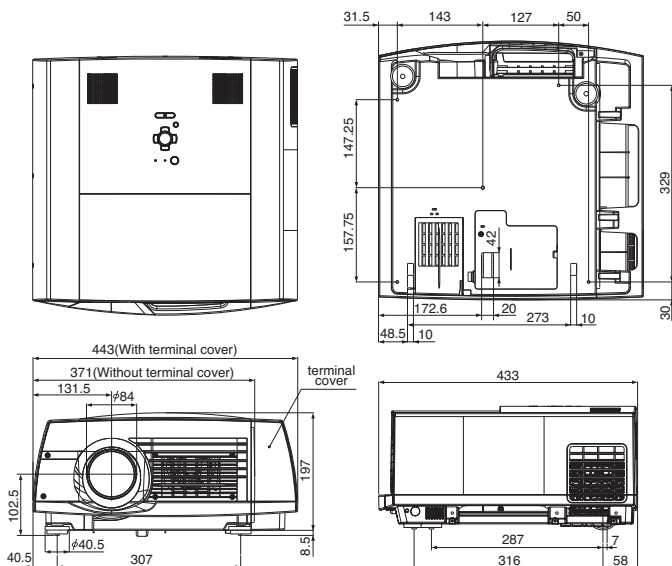
\* All brand names and product names are trademarks, registered trademarks or trade names of their respective holders.

## Projector View (Diagnostic System)

To monitor projectors and facilitate maintenance, incorporated diagnostic system provides control over key projector functions such as power on/off as well as warnings for operating temperature and filter clogging. Controlled via a master PC, this system is ideal for a Local Area Network (LAN) for both academic and business environments.

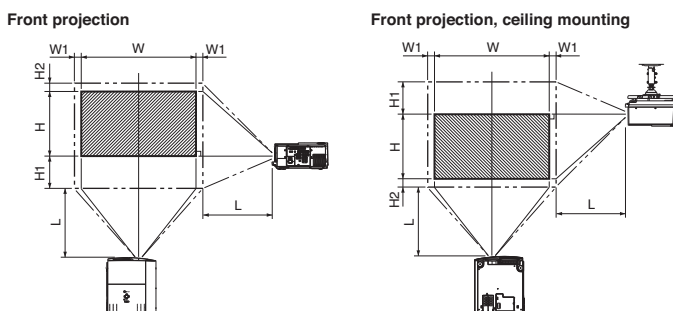


## Dimensions (unit: mm, inch)



## Screen size and projection distance

Refer to the following table to determine the screen size and projection distance.



Screen Size				Projection distance (L)				Lens movable range						
Diagonal size	Height (H)	Width (W)		Shortest (Wide)	Longest (Tele)			H1	H2					
(inch)	(cm)	(inch)	(cm)	(inch)	(m)	(inch)	(m)	(inch)	(cm)	(inch)	(cm)	(inch)	(cm)	(cm)
60	152	29	75	52	133	104	2.6	133	3.4	15	38	4	10	3
80	203	39	100	70	177	140	3.5	178	4.5	20	51	5	13	4
100	254	49	125	87	221	175	4.5	223	5.7	25	63	7	17	4
150	381	74	187	131	332	264	6.7	336	8.5	37	94	10	25	7
200	508	98	249	174	443	354	9.0	449	11.4	49	125	13	34	9
250	635	123	311	218	553	443	11.2	-	-	62	156	17	42	11

\* The above figures are approximate and may be slightly different from the actual measurements.

## Optional lenses

OL-X500SZ short throw lens	OL-X500LZ long throw lens	OL-X500TZ tele zoom lens	OL-X500FR rear projection lens
Focal Length 37-44 mm	Focal Length 64-90 mm	Focal Length 93-140 mm	Focal Length 22 mm
Focus/Zoom Motorised Focus & Zoom Lens	Focus/Zoom Manual Focus & Zoom Lens	Focus/Zoom Manual Focus & Zoom Lens	Focus/Zoom Manual Focus & No Zoom
Throw Ratio 1.4-1.7:1 (standard lens 2.0 - 2.6:1)	Throw Ratio 2.5 - 3.5:1 (standard lens 2.0 - 2.6:1)	Throw Ratio 3.7-5.5:1 (standard lens 2.0 - 2.6:1)	Throw Ratio 0.9:1
Picture Size Min 50" Max 250"	Picture Size Min 70" Max 250"	Picture Size Min 70" Max 250"	Picture Size Min 50" Max 170"



New publication, effective January 2008 Specifications subject to change without notice.