

FUJITSU

LPF-B601
Liquid Crystal Projector

Showtime

Finally, home theatre with the emphasis on "theatre."

Let the entertainment begin.



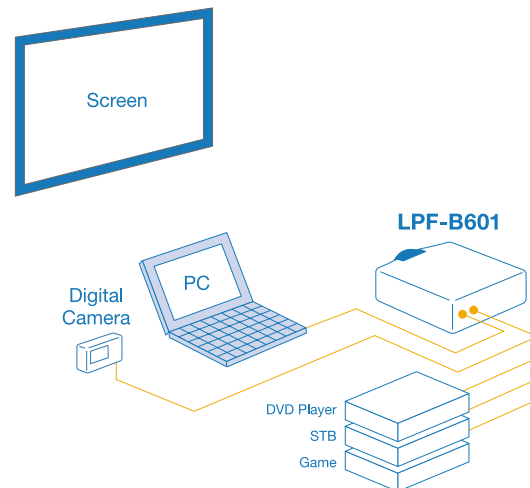
FUJITSU GENERAL LIMITED



Opening night

Home theatre achieves it's full potential. The LPF-B601 gives you sensational image quality and brightness, with extensive compatibility.

Home entertainment has come of age. DVDs have expanded the movie experience and raised the bar on image quality. Gone are the days when you could impress your friends with a big-screen TV. "Movie night" calls for large projections – approaching 300 inches – and high-resolution, theatre-quality images. Fujitsu General Limited has made it possible to have all the benefits of watching a movie in a theatre with some important exceptions: you decide what to watch, when to watch it and who to watch it with. The LPF-B601 liquid crystal projector was developed for just such an experience. It features the industry's top-class brightness of 1000 ANSI lumens and high contrast of 800:1, thanks to the use of a wide 16:9 panel and new optical engine, as well as compatibility with the 720p HDTV standard – all at a weight of just 5kg.

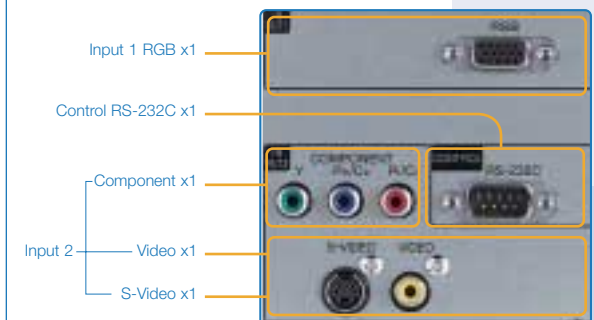


You choose the entertainment

The LBF-B601 accepts inputs from a wide variety of sources, so the entire family can enjoy their favourite entertainment with big-screen, high-quality images. Share the fun of vacation scenes taken with a digital camera. Watch movies and enjoy concerts as if you were there in person. Get into the action of video games as never before. View photos, graphics and other data you've composed on your PC, or coordinate images with music and DJ commentary for parties. And make TV watching much more exciting with large images from satellite, terrestrial and cable broadcasts. Your home theatre may have to start taking reservations!

You select the format

We designed the LPF-B601 to take advantage of the full range of image data options. It accepts composite video, S-Video and component video inputs, and is compatible with NTSC, PAL, SECAM, PAL-M, PAL-N, PAL60 and NTSC4.43 video standards. It also has a 3-dimensional Y/C separation circuit for NTSC and a 4-line Y/C separation circuit for PAL, which improves "cross colour" and prevents dot disturbance.





A Fujitsu projector is shown on a wooden surface next to a white vase containing several pink flowers. The background is a soft-focus indoor setting.

Private screening

Finally, a projector with the technology that allows you to appreciate the beauty of today's finest image software.

Film is an image-rich medium. Its ability to reproduce natural colours and shades in striking detail is unmatched. It was once thought impossible to capture the clarity and texture of film in another format. However, Fujitsu General Limited's proprietary Fine Mode technology achieves just that. It's a brightness control method based on theatre light levels that controls both signal processing parameters and lamp output in accordance with input signal levels to lower brightness in order to prevent screen glare. Unlike conventional cinema modes, it maintains brightness at the optimum level without diminishing the image's superior gradation and colour reproduction characteristics. Dark scenes are displayed clearly even in dark rooms, and eye fatigue over long periods is reduced. You enjoy images that capture the precision of film and the ambience of a movie theatre in the privacy of your own home.



Project video images at their film-like finest

To ensure clear reproduction of video images as well as data and pictures, the LBF-B601 has an I/P (interlace/progressive) conversion function that converts interlaced video images to progressive images while correcting them. This reduces screen flickering and reproduces smooth video with high density. When displaying movies based on original 24 frames-per-second film, it detects signals converted by 2-3 pulldown to reproduce images at 60 frames per second without degrading the film-like texture.

Low noise and low energy

What makes the home theatre experience unique is that it happens in the comfort and intimacy of your own home. For this reason, Fujitsu General Limited came up with a fan design for the LPF-B601 that is quieter than ever. Cooling fans are located next to each heat-producing part, such as the lamp and power supply, rather than using just one large fan. And fan revolution is staggered and optimized to reduce fan noise by 35% compared to the previous system. Total noise emission is a mere 30dB.

This projector gives you energy savings too, because its highly efficient optical design reduces power drain. And when you select Fine Mode, lamp output is automatically controlled to cut power consumption by 10 percent.



Part of the action

Make your living room the next best thing to "live", with a projector that delivers high-resolution, high-contrast images as wide as you want.

There's always room to entertain

Space can be a problem when creating an ideal home theatre environment. A short focal length lens allows you to project onto a large screen without having to position the projector far away. For example, using the LBF-B601 to project onto a 100-inch screen requires only 3.8 metres of space. Another issue is the angle of projection. Some interiors or seating arrangements may not allow you to project an image directly at the screen either horizontally or vertically. The LBF-B601's keystone correction function allows you to adjust in both directions so your images always appear in the proper perspective.

Select the mode to match your content

In addition to Fine Mode, there are four other picture modes, which you can select to view various images at maximum quality. Dynamic Mode is a gradation-priority mode that provides greater contrast, so it's recommended for enjoying sports, animation and games. Standard and Real 1 are colour priority modes that provide vivid colour, and are recommended for watching ordinary television. Real 2 emphasises brightness, so it's ideal for viewing in a bright room or for viewing pictures from a PC

Other functions

Digital Zoom: expands a portion of the image up to 20 times.

Picture-In-Picture: Displays a small video image inside the main RGB image. This function allows the simultaneous projection of two different signals – an analogue RGB signal from your PC and a video signal from another source. While the RGB signal is displayed on the screen as the main image, you can select a video image to appear in a small box integrated onto the main picture.

Specifications

Model Name			LPF-B601
Liquid Crystal Display Panel			0.87-inch Polysilicon TFT LCD x 3
Number of Pixels			1280(H) x 720(V) pixels
Projection Lens			F=1.7 – 2.4
Projection Size			30 to 300 inches
Lamp			180w EHPL
Brightness			1,000 ANSI Lumen
Uniformity			90%
Contrast Ratio			800:1
Connectable			PC VGA, SVGA, XGA, SXGA (resizing)
Video System			NTSC/PAL/SECAM/PAL-M/PAL-N/PAL60/4, 43NTSC
Input Terminal	Input 1	Analog RGB	HD D-sub 15 pin x 1
	Input 2	Video	RCA pin x 1
		S-Video	S-terminal x 1
		Component	RCA pin x 3
Control	RS-232C		9 pin D-sub x 1
Power Supply			AC100-240V 50/60 Hz
Power Consumption			250W
Dimensions			358(W) x 105(H) x 280(D) [14.1"(W)x4.1"(H)x11.0"(D)]
Weight			5 kg [11 lbs]
Accessories			Card remote-control, lens cap, S-Video cable, user's manual, batteries, video cable, power cable

*Specifications and design are subject to change without notice for further improvement.

Dimensions

Liquid Crystal Projector : LPF-B601

■ OD : 358(W) x 150(H) x 280(D)mm
[14.1"(W) x 4.1"(H) x 11.0"(D)]



* Unit: mm [inch]

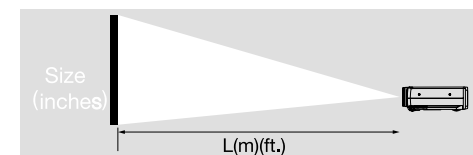
Options

Lamp Box



Type: LPF - P770FR

Projection Distance and Screen Size



Size (Inches)	60	80	100	150	200	250	300
Projection	L(m)	2.2/2.9	3.0/3.9	3.8/4.9	5.7/7.4	7.6/9.9	9.5/12.4
Distance	L(Ft)	7.4/9.6	9.9/12.9	12.4/16.1	18.6/24.3	24.9/32.4	31.2/40.6



ISO 9001 Certified JQA-2722
Visual System Division of Fujitsu General Ltd.

This product has been certified to comply with the international Organisation for Standardisation's ISO 9001 standard for quality assurance.



JACO-EC99J1163

Fujitsu General(Kawasaki Head Quarters) has received ISO 14001 certification for its environmental management systems.

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FUJITSU

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