

Provide an environment for creativity.



XJ-460



YC-400



XJ-360



XJ-560



The presentation system for your creative ideas.

The new ultra-portable generation of projectors from CASIO and the accompanying multi-functional camera system offer you unlimited possibilities to realise your ideas.



Provide an environment for creativity.

Data/video projectors from CASIO: The presentation system for your creative ideas.

Wouldn't it be nice if you had a projector that's so small and light that you've always got it ready to hand? A projector that's compact and light, but still has such a good performance that the valuable results of your work always appear in the best light? If this is what you're looking for, you should take a look at the new CASIO projectors.

The new projectors from CASIO have everything you need for a successful presentation integrated from the start. They are extremely lightweight, and not even the size of a sheet of A4 paper. So they easily fit into a briefcase, yet with up to 3,000 ANSI lumens they provide such intense light that they perform well even in bright surroundings. What's more, with the 2x zoom lens, unique in its class, the CASIO projectors can adapt to a wide variety of room situations.

And a successful presentation with CASIO doesn't stop at a high-quality projector: we have developed a completely new combination of reliable, top-quality projectors and an optional add-on camera system. A powerful team that gives you unprecedented possibilities!

We have based our new technology on the demands culled from practical experience.

And we've thought of everything: our projectors currently provide the world's best ratio between light intensity and size/weight, and that gives the user a unique level of mobility. Moreover, you can concentrate completely on the actual presentation: the XJ-560 and XJ-460 projectors adjust all the necessary settings for you automatically. The autofocus, the automatic keystone correction and the automatic signal recognition save you from making laborious adjustments.

Never before has progressive technology been so compact!



Original size XJ-560

SYSTEM

**Perfect for small discussions and big presentations:
CASIO projectors can be used in many different settings.**

It's not only large audiences that call for a convincing presentation. Thanks to the compact construction and the many practical features, it now makes sense to use a projector to show your work even in small meetings and cramped rooms: the projectors are ready to go immediately, they offer such intense light that there is no need to close the blinds, and the 2x zoom means they can be adjusted to suit almost any projection distance. And thanks to the "direct power off" function, when you're finished you just take the projector away with you again!



But the projectors in the XJ series also have adequate power for larger settings. Up to 3,000 ANSI lumens and a 2000:1 contrast ratio ensure that your presentation is nothing less than brilliant. Here, too, you enjoy the benefit of the many different functions. And the optional YC-400 camera system shows its special strength in front of a large audience: objects or documents can be spontaneously photographed at the touch of a button and then immediately projected instead of all that bothersome passing things round. The system concept for more success – that's presentation the CASIO way!



An absolute novelty and a revolution:

The camera system YC-400, available as an optional extra, offers you completely new presentation possibilities: direct motif capture as with a classical document camera and immediate presentation using a data projector. You can photograph flipcharts or whiteboards to record their contents, or to integrate them into the ongoing presentation; you can include photos that have just been taken, and much more besides. CASIO places a wealth of completely new presentation techniques at your disposal!

The multi-functional camera system is based on tried-&-tested CASIO technology: a high-resolution digital camera with 4 million pixels. This ensures that even the tiniest details come out sharp. Together with the integrated tripod with document tray and the customized software supplied with the camera, you've got a flexible and ideal presentation tool.

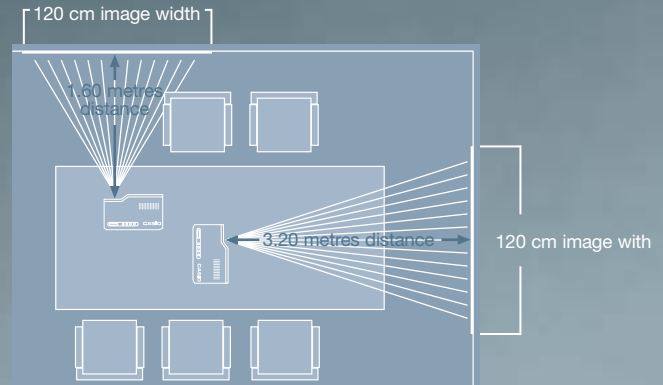


Provide an environment for creativity.



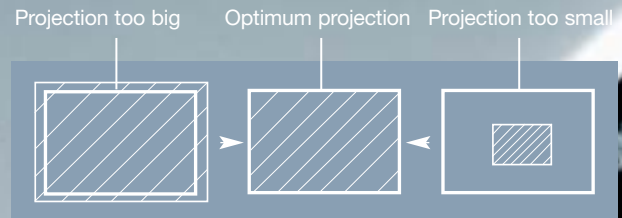
You decide how and where you make a big impression: The optical 2x zoom lens.

You know what you've got to show, but you don't know what kind of room you'll be presenting in? That's no problem with CASIO projectors: thanks to the optical 2x zoom, you can project an image 120 cm wide at a distance anywhere between 1.6 m and 3.2 m. With traditional projectors with a 1.2x zoom, you can only vary the projection distance from 2.4 m to 2.9 m. CASIO technology makes you almost independent of the room size – with optimum image quality in all cases.



A perfect fit: Optimum adjustment to suit your projection surfaces.

The zoom shows its strength in cases where there is a fixed projection surface. In such surroundings, the ideal projector position rarely allows format-filling projection. But with the CASIO 2x wide-angle zoom, you can adjust the image size to fit the projection surface as you like – giving a perfect projected image in every case, especially where the projection distance is short. With the XJ-560 and XJ-460 you can even do this at the touch of a button, as these models have a power zoom lens.



POWER

Get things in focus: Our autofocus is really sharp-sighted.

There's nothing worse than a blurred presentation! You want to be sure everything's in focus – and what could be better than automatic focus? The XJ-560 and XJ-460 have an autofocus function that gets your image sharp at lightning speed.



Straight A: The fully automatic keystone correction in every direction.

With the new CASIO projectors, distorted images are automatically a thing of the past. If the layout of the room doesn't permit projection in a straight line, you can set up the XJ-560 and XJ-460 at an angle of up to 30° to the projection surface. The distortion that this causes is immediately corrected – completely automatically! That leaves you free to concentrate on your presentation. The adjustment is performed by a sensor system. The XJ-360 automatically corrects the upwards/downwards projection up to an angle of 20°.



No more need to close the blinds: CASIO gives you up to 3,000 ANSI lumens brightness and a contrast of 2000:1!

In the past, you had to draw the curtains or let down the blinds for daylight projection or in bright surroundings, but here too CASIO has achieved a breakthrough: thanks to DLP™ technology, the projectors offer exceptional light intensity despite their compact size. The XJ-360 is 2,200 ANSI lumens bright, the XJ-460 offers 2,500 ANSI lumens and the XJ-560 sheds even more light on your presentation, with no less than 3,000 ANSI lumens, and an unbelievable contrast ratio of 2000:1! So you can present yourself in a friendly light and don't lose eye contact with your interested audience. CASIO turns a monologue in the dark into a discussion in daylight.



Provide an environment for creativity.

That's a good start: With Quick Setting you're ready to go whenever you want.

The new CASIO projectors show their strength from the word go: the "Quick Setting" feature makes installation and set-up easy and enjoyable. They are ready for operation at the drop of a hat, with automatic keystone correction, autofocus (on the XJ-460/560), automatic recognition of the input signal and many other features to ensure maximum convenience, leaving you free to focus on your presentation.



For a happy ending: The direct power off function means you can put the projector away as soon as you're done.

Once you've finished your successful presentation, you don't need to wait for the projector to cool down before you can pull out the mains lead and pack it away. The XJ-560 and XJ-460 have a specially developed new condenser technology that stores enough energy during operation to let the fan continue running after you switch the projector off. This technology also helps to reduce damage to the lamp that can be caused by fluctuations in the power supply.



You're ready to run at the touch of a button!

START

There's always enough space left: Your laptop, projector and camera system will all fit into a single bag.

The new CASIO projectors and the compact, multi-functional camera system YC-400 are so small that they will both fit into a briefcase together with your laptop. So you have everything you need for your presentation, wherever you happen to be! Of course, CASIO also supplies a practical protective bag for the projector and accessories.



Full focus right into the corners: The new aspherical lens.

The completely new, aspherical lens ensures your images are in sharp focus – right up to the edges and corners. The new XJ projectors are fitted with robust, heat-resistant glass lenses.



They get on like a house on fire: Projector, laptop and multi-functional camera system in perfect harmony.

When designing the XJ series, we paid special attention to compatibility with the PC input signals in common use. These projectors can process literally everything up to UXGA resolution. The projectors also have a video signal input (composite, S-video and component signals) to enable you to hook up a video recorder or a DVD player. It goes without saying that our projectors are also optimally coordinated with the multi-functional camera system YC-400. This way, you can be sure you won't get any nasty surprises. An all-round solution from one source.



If you want something doing properly...: IMC and ACR systems from CASIO

The remarkably compact size of our new projectors is made possible by CASIO's own inventions. Thus a newly developed IMC condenser lens (IMC = Inverse Meniscus Condenser) is used in combination with a completely new form of lamp reflector (ACR: Acornic Reflector). These two features enable total size to be reduced by some 30%, while making c. 20% better use of the light emitted by the lamp.

Make a major impression – wherever you need to be convincing!

**A radiant outlook for your presentation:
3,000 ANSI lumens in mini-format.**



Incredible how much power you can fit into a small space! CASIO's new XJ-560 proves it can be done. With the integrated DLP™ technology, the enormous light intensity of 3,000 ANSI lumens and the amazing contrast of 2000:1, brilliant presentations

are inevitable, even in brightly lit rooms.

**Show your true potential: Sufficient
power for a large audience, too.**



With so much power in reserve, you can be sure of a successful presentation even in big rooms, and you can show your data in impressive contrast, even in daylight. The built-in 2x zoom lens enables you to adjust the projection surface to

your needs at all times. And for stationary use, the projectors can be mounted on the ceiling.

- **XJ-560: 3,000 ANSI lumens (XJ-460: 2,500)**
- **2x optical wide-angle zoom lens**
- **DLP™ technology**
- **XGA resolution (1,024 x 768 pixels)**
- **Weight: only 2.7 kg**
- **Size (W x H x D): 278 x 64 x 214 mm**
- **Automatic horizontal and vertical keystone correction**
- **Autofocus**
- **Whisper mode**
- **Direct power off function**
- **3 years warranty**
- **Supplied with: case, cable and IR remote control with laser pointer**

XJ-560



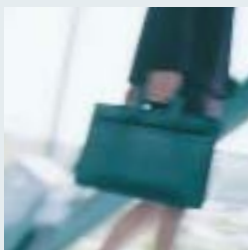
NEW



3,000
ANSI LUMEN

2x ZOOM

**We show you how small things can be:
To keep you truly mobile.**



With its low weight of just 2.7 kg and compact measurements of 278 x 64 x 214 mm (W x H x D), the XJ-560 shows what is technically possible nowadays. The projector is so small and light, you can take it everywhere with you.

For simplicity's sake: User-friendly features for a quick start.

The XJ-560 possesses immediate appeal thanks to many additional user-friendly features such as fully automatic keystone correction of vertical and horizontal distortion by a built-in, optical differential sensor, and an autofocus zoom lens that does all the focusing for you. So you're ready to start right away and can devote your full concentration to your presentation.

**CASIO supplies the right connections:
The XJ-560 offers a wealth of different interfaces.**



To make sure you can connect up your system without any trouble, CASIO projectors are already equipped with the most important interfaces. You hook up your PC with a 15-pin RGB cable (supplied with the projector), and the computer's

resolution is automatically recognised and set. The projector can deal with resolutions from 800 x 600 up to 1600 x 1200 pixels, with up to 16.77 million colours.

For video signals from a video recorder or DVD player, there is an RCA and an S-video port. Component signals are fed in using an optionally available adaptor cable. The audio connection is made via a classic 3.5 mm jack plug. In addition, the XJ-560 also has a USB connection so that you can easily control your presentation using the projector's remote control unit.

A good decision for the future.

**Your wish is our command:
The XJ-560 has everything on board
for perfect presentations.**

We are confident that the XJ-560 will fulfil your every wish – we designed it with your hard working day in mind. The integrated lens cap protects the high-quality lens. A newly developed aspherical lens ensures that the image is evenly lit right up to the edges and into the corners, so that your data are reproduced exactly as the original is. And high-performance lamps and a solid case made of magnesium alloy warranty maximum investment security and a long life for the projector lamp.

**Security for your investment:
To make sure your projector gives you
pleasure for years to come.**

You're not the only person who sets store by mobility: thieves like mobile technology too! That's why we not only equip our projectors with a kensington slot for safe mounting – they also have an additional password block and a key-block function.

**Unpack it, plug it in and off you go:
What you get with a CASIO projector.**

To make sure you can use the projector straight away, the XJ-560 is not only supplied complete with the cables you need (RGB, video and USB) – you also get a quality carrying case and an infra-red remote control with a practical laser pointer.



PUSH
OPEN

XJ-460

XJ-460: Top value for money with 2,500 ANSI lumens.

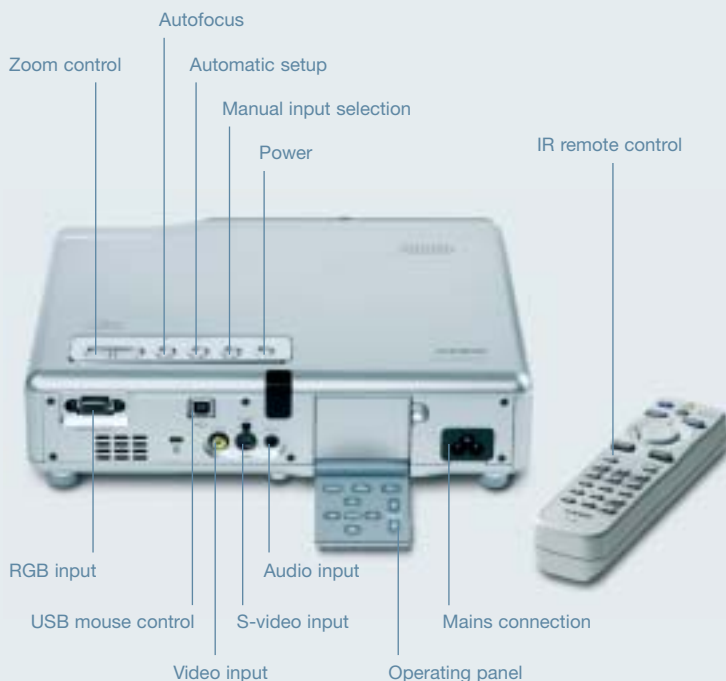
The XJ-460 is almost identical with its "big brother", the XJ-560. It offers an impressive 2,500 ANSI lumens and low running noise of just 33 db (A). The XJ-460 is the ideal choice for everyone who is looking for top performance at an attractive price.

You name it, we've got it: Functions to cover every need.

Other important features of the XJ-560 and XJ-460:

- Direct power off function
- Rear projection possible
- Your user logo can be stored and included
- Picture-in-picture function
- Whisper mode (XJ-560)
- USB port for mouse control
- Easy-to-use operating menu
- 4x digital zoom
- Solid, super-lightweight magnesium case
- Software pointer
- Ceiling mounting possible

XJ-560 and XJ-460: an overview



NEW



2,500 ANSI LUMEN

2x ZOOM



Combi-packages 560 CA and 460 CA

For even more variety in your presentation: The XJ-460 and XJ-560 are available as a package together with the multi-functional camera system YC-400.

Expand your presentation techniques with this attractive package! A perfectly coordinated solution that enables you to present anything that can be photographed in future.

True greatness is a question of technology, not of format.

**The new modesty:
Carry less, see more!**



Surprisingly small and convincingly bright: the XJ-360 is as compact as technology allows and will make your working life easier from the word go. The XJ-360 is nothing if not handy: smaller than a sheet of B5 paper, it fits easily into any briefcase, and at a

modest 1.8 kg, it's the lightweight in its class. In addition to its unique mobility and sophisticated design, the XJ-360 also offers numerous technical features that will contribute to your success: in combination with brightness of 2,200 ANSI lumens, an impressive contrast of 2000:1 ensures outstandingly clear and brilliant projection, with sharp and detailed images thanks to XGA resolution.

Fits in the smallest space: The optical 2x zoom adjusts as necessary.



The XJ-360 can cope with really large conference rooms. But sometimes you find yourself giving a presentation in a more confined space. Just as well that the XJ-360 has an integrated 2x wide-angle zoom lens: this ensures that you'll make a big impression even over

short projection distances. And you can be flexible in your choice of projection location, too: the fully automatic vertical keystone correction of up to +/- 20° means that you just set up the projector – and you're good to go! To make sure that nothing disrupts your presentation in such intimate surroundings, the XJ-360 behaves as you would expect a good partner to: with only 33 decibels in whisper mode, it's quiet as a mouse – and always reliable.

- 2,200 ANSI lumens
- 2x optical wide-angle zoom lens
- DLP™ technology
- XGA resolution (1,024 x 768 Pixel)
- Weight: only 1.8 kg
- Size (W x H x D): 230 x 55 x 171 mm
- Automatic vertical keystone correction
- Whisper mode
- 3 years warranty
- Supplied with: case, cable and IR remote control

XJ-360



NEW



So compact – but with all the features you could want.

Other important features of the XJ-360:

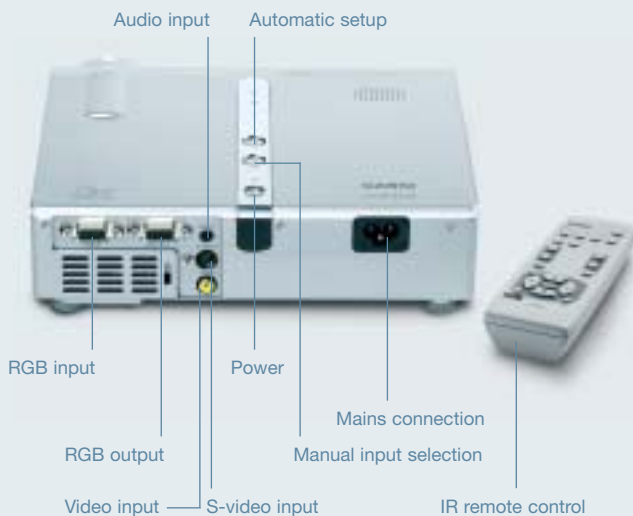
- RGB output for control monitor
- Ceiling mounting possible
- Rear projection possible
- Whisper mode
- Easy-to-use operating menu
- Digital zoom
- Solid, super-lightweight magnesium case
- Software pointer
- Extensive theft protections

2x zoom

2,200 ANSI LUMEN



XJ-360: an overview



Combi-package 360 CA

**Why not show what you can do?
– With the package containing the XJ-360 and the multi-functional camera system YC-400, you can do even more!**

Like the XJ-560/460, the XJ-360 also works hand-in-hand with the YC-400 camera system. Enabling you to incorporate documents, newspaper clippings, photos, three-dimensional objects and much more besides into your presentation – immediately and directly. With this attractive bundle, there will be no limits to your ideas in the future.

YC-400: Make your presentation with a system and show anything you want to!



Folds up to DIN B5 – ready to go in no time at all.

The presentation revolution. With the multi-functional camera system YC-400, CASIO has managed for the first time to integrate a high-resolution digital camera with 4 million pixels into a presentation system. This opens up presentation possibilities hitherto inconceivable.

Be spontaneous for a change: Integrate everything with the YC-400 set.

As small as a sheet of B5 paper, weighing only 1.6 kg, mobile and amazingly flexible: The multi-functional camera system YC-400 puts an end to all restrictions and enables you to spontaneously integrate documents, up-to-date photos, objects and much more into your presentations. The YC-400 does all this incredibly simply and quickly – the PC software supplied with the camera system deals with everything in the background.

For perfect photos with really sharp details, the multi-functional camera system YC-400 consists of a solid but lightweight aluminium tripod, a high-quality digital camera with 4 million pixel resolution and an optical 3x zoom specially designed with your specific presentation needs in mind. This way, you can be sure that everything goes together: the camera set, and your new CASIO XJ projector.

Connecting it is child's play: you hook up the YC-400 set to your PC's USB port, which is connected to the XJ-560, XJ-460 or XJ-360 – and you're all set!

Intelligence can be programmed: The software supplied with the system.

The software supplied with the system is highly flexible: you can either get it to do everything fully automatically – as if by magic! – or you select the "Easy" mode when only using



the camera to photograph documents and operate the shutter release with the enter key. Either way the result will be the same: perfect!



LIGHT

CHARGE

POWER

YC-400

Quick to grasp things: Scan and project whatever crosses your desk.

You know how it is: during a meeting, up-to-date information is suddenly brought in at the last minute. Not in digital form, of course, but as handwritten notes, as a printout or a newspaper clipping. Wouldn't it be great if you could incorporate these into your projector presentation straight away and in high resolution? With the YC-400, that's no problem: just place them on the document tray and press the shutter release. The PC software supplied with the camera automatically loads the photo on to your computer, makes any necessary adjustments to the format and saves the data.



How to document success: Photograph and store your entire presentation.

Do you make notes in the course of your presentation – on the flipchart or the whiteboard – that you also want to record to be on the safe side? The YC-400 set can help you here as well: all you need to do is aim the camera and hit the shutter release. You want even more creativity? Get interactive! Project diagrams on to the whiteboard and add handwritten notes. Now the camera comes into play: the digital photo, including all your notes, is available to all participants as a picture file, either by e-mail or stored on disk. You can be sure you have your audience's undivided attention – a completely new way of holding meetings!



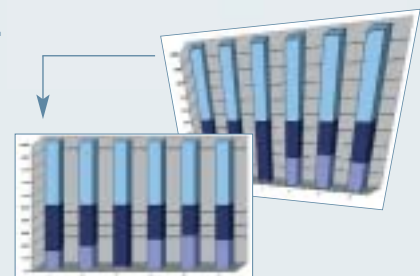
The camera for your shirt pocket: You can take the integrated digital camera with you.

If you want to record a trade fair, a meeting or some other kind of event, just remove the 4 million pixel camera from the tripod. Then you can take pictures everywhere and present them to your audience as soon as you get back: connect the camera to the computer again, and the PC stores your new pictures on the hard disk at the touch of a button. Your new photos are then immediately available as a slide show.






We'll put things straight for you: Automatic keystone correction and white balance.

Whether you "scan in" a document on the document tray, take a photo of a poster or photograph the whiteboard at an angle: the software of the multi-functional camera system YC-400 recognises any distortion automatically and corrects it as if by magic. The same applies to adjustment of the white balance. This means that you always have rectangular images with accurate colours to incorporate into your presentation.



Correction of a document with slanting edges

Technical Data		XJ-560 	XJ-460 	XJ-360 
Display	Technology	1 x 0.7" 12° DLP™	1 x 0.7" 12° DLP™	1 x 0.7" 12° DLP™
Image	Resolution	XGA 1,024 x 768 pixels	XGA 1,024 x 768 pixels	XGA 1,024 x 768 pixels
	Brightness	3,000 ANSI lumens	2,500 ANSI lumens	2,200 ANSI lumens
	Contrast ratio	2000 : 1 (tele mode)	2000 : 1 (tele mode)	2000 : 1 (tele mode)
	Colour depth	16.7 million	16.7 million	16.7 million
Lens	Technology	Optical 2x power zoom	Optical 2x power zoom	Optical 2x manual zoom
	Focal length/aperture	f: 20 - 40 mm/F: 2.0 - 2.8	f: 20 - 40 mm/F: 2.0 - 2.8	f: 20 - 40 mm/F: 2.0 - 2.8
	Projection ratio	1.4 - 2.8 : 1 (distance : image width)	1.4 - 2.8 : 1 (distance : image width)	1.4 - 2.8 : 1 (distance : image width)
	Offset	100 %	100 %	100 %
	min./max. distance*	0.80 m/5.30 m	0.80 m/5.30 m	0.80 m/5.30 m
	Focusing	Automatic	Automatic	Manual
Lamp	Type	270 W high-pressure mercury lamp	270 W high-pressure mercury lamp	200 W high-pressure mercury lamp
	Lamp lifetime	c. 2,000 h	c. 2,000 h	c. 2,000 h
Digital keystone correction	Vertical	+/- 30° automatic	+/- 30° automatic	+/- 20° automatic
	Horizontal	+/- 30° automatic	+/- 30° automatic	
Connections	Computer	1 x 15pin HD	1 x 15pin HD	1 x 15pin HD
	Video	1 x RCA	1 x RCA	1 x RCA
	S-video	1 x mini-DIN	1 x mini-DIN	1 x mini-DIN
	Component video	Opt. adaptor via 15pin HD	Opt. adaptor via 15pin HD	Opt. adaptor via 15pin HD
	Audio	3.5 mm jack	3.5 mm jack	3.5 mm jack
	Mouse control	USB	USB	-
	RGB output	-	-	1 x 15pin HD
Computer compatibility	Resolution	800 x 600 (expanded) to 1,600 x 1,200 (compressed)	800 x 600 (expanded) to 1,600 x 1,200 (compressed)	800 x 600 (expanded) to 1,280 x 1,024 (compressed)
	hor./vert. frequency	15 - 92 kHz/50 - 85 Hz	15 - 92 kHz/50 - 85 Hz	15 - 92 kHz/50 - 85 Hz
	Signal	Analogue RGB	Analogue RGB	Analogue RGB
	Standards	PAL-N/-M, PAL60, SECAM, NTSC, Composite video, YC, YPbPr	PAL-N/-M, PAL60, SECAM, NTSC, Composite video, YC, YPbPr	PAL-N/-M, PAL60, SECAM, NTSC, Composite video, YC, YPbPr
Audio system	Loudspeaker	Stereo mini jack x 1/1 x 1 W	Stereo mini jack x 1/1 x 1 W	Stereo mini jack x 1/1 x 1 W
Remote control	Technology	Wireless IR with mouse function and laser pointer	Wireless IR with mouse function and laser pointer	Wireless IR
General	Measurements (W x H x D)**	278 x 64 x 214 mm	278 x 64 x 214 mm	230 x 55 x 171 mm
	Weight	2.7 kg	2.7 kg	1.8 kg
	Casing	Magnesium alloy	Magnesium alloy	Magnesium alloy
	Colour	Silver	Silver	Silver
	Mains voltage	100 - 240 V AC 50/60 Hz	100 - 240 V AC 50/60 Hz	100 - 240 V AC 50/60 Hz
	Power consumption	approx. 300 W	approx. 300 W	approx. 270 W
	Operating temperature	5° C - 35° C	5° C - 35° C	5° C - 35° C
	Operating noise	33 dB (A) whisper mode	33 dB (A)	33 dB (A) whisper mode
	Warranty	3 years	3 years	3 years
	Lamp warranty	1,000 h or 90 days	1,000 h or 90 days	1,000 h or 90 days
Security		Kensington slot, key lock, power-on password	Kensington slot, key lock, power-on password	Kensington slot, key lock, power-on password
Other functions		4x Digital zoom, direct power off function, rear projection, user logo, picture-in-picture, mute, freeze, whisper mode, ceiling mounting possible	4x Digital zoom, direct power off function, rear projection, user logo, picture-in-picture, mute, freeze, ceiling mounting possible	Digital zoom, rear projection, mute, freeze, whisper mode, ceiling mounting possible
Included in package		RGB cable, USB cable, video cable, power cable, IR remote control, batteries, case, user manual on CD, quick start card, warranty card, registration card	RGB cable, USB cable, video cable, power cable, IR remote control, batteries, case, user manual on CD, quick start card, warranty card, registration card	RGB cable, video cable, power cable, IR remote control, batteries, case, user manual on CD, quick start card, warranty card, registration card

* for autofocus and auto keystone ** without projecting parts

The DLP™ logo and the DLP™ medallion are registered trademarks of Texas Instruments. Correct as at January 2005. Errors and technical changes excepted.

Technical Data YC-400

Pixels	1/2.5" square pixel primary colour CCD (total pixels 4.23 million, effective pixels 4 million)
Display resolution	XGA (1,024 x 768), SVGA (800 x 600), film sequence (320 x 240)
Lens	f = 5.8 - 17.4 mm (35 mm format: 35.0 - 105.0 mm), F 2.6 - 4.8
Zoom	Optical: 1.8x (document camera mode, scanner mode) 3x (whiteboard & business camera mode)
	Digital: 7.5x, scrollable
Focusing	Contrast autofocus
Focus range	6 - 33 cm (document camera mode, scanner mode)
	40 cm - ∞ (whiteboard & business camera mode)
Shutter speed	Automatic/manual
Aperture	Automatic
White balance	Automatic/manual
Image rotation	Supported (90°, 180°, 270°)
Connections	USB (1.1) x 1
Power requirements	100 - 240 V AC 50/60 Hz
Measurements	Storage: 168 (W) x 43 (H) x 285 (D) mm
	Operational: 327 (W) x 391 (H) x 264 (D) mm
Weight	1.6 kg



For distributors see:
<http://www.casio-projectors.com/euro/distributors/>

