Technical Data		XJ-450	XJ-350
Display	Technology	1 x 0.7" 12° DLP™	1 x 0.7" 12° DLP™
	Resolution	XGA 1,024 x 768 pixels	XGA 1,024 x 768 pixels
Image	Brightness	2,800 ANSI lumens	2,200 ANSI lumens
	Contrast ratio	1,000 : 1	1,000 : 1
	Color depth	16.7 million	16.7 million
Lens	Technology	Optical 2x motor zoom	Optical 2x manual zoom
	Focal length/aperture	f: 20 - 40mm/F: 2.0 - 2.8	f: 20 - 40mm/F: 2.0 - 2.8
	Projection ratio	1.4 - 2.8 (distance : image width)	1.4 - 2.8 (distance : image width)
	Offset	100 %	100 %
	Min./max. distance	0.80 m/5.40 m	0.80 m/5.40 m
	Focusing	Automatic with differential sensor	Manual
Lamp	Type	250 W NSH	200 W NSH
	Lamp lifetime	approx. 2,000 hrs	approx. 2,000 hrs
Digital keystone correction	Vertical	+/- 30° automatic	+/- 30° automatic
	Horizontal	+/- 30° automatic	+/- 8° manual
Connections	Computer	1 x 15pin HD	1 x 15pin HD
	Video	1 x RCA	1 x RCA
	S-video	1 x mini-DIN	1 x mini-DIN
	Component	Opt. adaptor via 15pin HD	Opt. adaptor via 15pin HD
	Audio	3.5 mm jack	3.5 mm jack
	Mouse control	USB	USB
Computer compatibility	Hor./vertical frequency	15 - 92 kHz/50 - 85 kHz	15 - 92 kHz/50 - 85 kHz
	Signal	Analogue RGB	Analogue RGB
Video compatibility	Standards	PAL-N, PAL-M, PAL60, SECAM, NTSC	PAL-N, PAL-M, PAL60, SECAM, NTSC
	Signals	Composite video, YC, YPbPr	Composite video, YC, YPbPr
Audio system	Loudspeaker	1 x 1 W	1 x 1 W
Remote control	Technology	Wireless IR with mouse function and laser pointer	Wireless IR with mouse function
General	Measurements (W x H x D)	10.94 x 2.52 x 7.76 in	9.06 x 2.17 x 6.73 in
	Weight	5.29 lbs	3.97 lbs
	Casing	Magnesium alloy	Magnesium alloy
	Color	Silver	Silver
	Mains voltage	100 - 240 V AC 50/60 Hz	100 - 240 V AC 50/60 Hz
	Power consumption	approx. 300 W	approx. 270 W
	Operating temperature	5 - 35° C	5 - 35° C
	Operating noise	< 33 dB (A) whisper mode	33 dB (A) whisper mode
	Warranty	3 years	3 years
Other functions		Digital zoom, rear projection, ceiling projection, picture-in-picture, user logo, mute, freeze, Kensington slot	Digital zoom, rear projection, picture-in-picture, user logo, mute, freeze, Kensington slot
Included in package		Power cable, RGB cable, USB cable, video cable, IR remote control, batteries, case, user manual on CD, quick start card, warrenty card	Power cable, RGB cable, USB cable, video cable, IR remote control, batteries, case, user manual on CD, quick start card, warrenty card

Technical Data YC-400	
Pixels	1/2.5" square pixel primary color 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 electrical (document camera mode, scanner mode) 3x electrical (whiteboard & business camera mode) Digital: 7.5x, scrollable
Focusing	Contrast type auto focus
Projection range	33 cm (document camera mode, scanner mode) 40 cm - ∞ (whiteboard & business camera mode)
Shutter speed	Automatic
Aperture	Automatic
White balance	Automatic
Image rotation	Supported (90°, 180°, 270°)
Connections	USB (1.1) x 1
Power requirements	100 - 240 V AC 50/60 Hz
Measurements	Storage: 6.61 (W) x 1.69 (H) x 11.22 (D) in Operational: 12.87 (W) x 1.54 (H) x 10.39 (D) in
Weight	1.6 kg

CASIO®
CASSIOPEIA® PRO
casioprojector.com

The DLP™ logo and the DLP™ medallion are registered trademarks of Texas Instruments.

CASIO Ultra Portable Projectors invite you to have a seat, any seat!

XJ-450 **XJ-350**

The CASIO ultra bright, ultra light portable projectors feature 2x optical zoom to help you fit your presentation on the screen.

Using the XJ-450 with Auto Focus and Automatic Keystone Correction, you can even sit in the corner and your presentation will be square and sharp with the touch of a button.

CASIO®
CASSIOPEIA® PRO
casioprojector.com

Provide an environment for creativity.

With an exclusive zoom lens, our new portable projector can fit an image on any screen, from virtually any position in the room.

That's because the Casio XJ-450's and XJ-350's 2x optical zoom lens features the highest magnification of any portable on the market. The automatic exclusive H & V keystone correction feature of the XJ-450 quickly "squares up" your image, even from extreme angles. Along with a compact, lightweight design and the ability to project in daylight, it's easy to see how the XJ-450 and XJ-350 outshine the competition.

DATA PROJECTOR XJ-450

CASIO
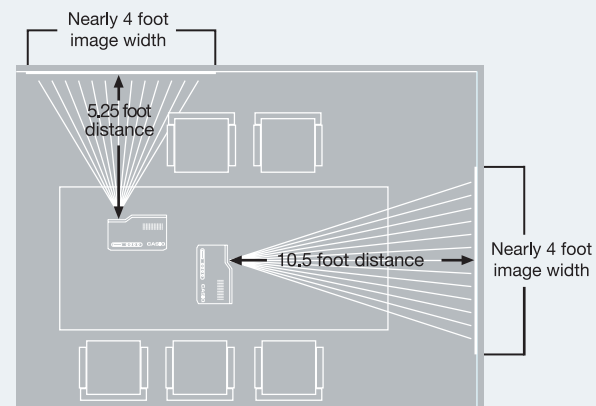
CASIO ZOOM LENS
f=20~40mm 1:2.0~2.8

A complete innovation – in fact, nothing short of a revolution.

The multi-functional camera system YC-400 offers entirely new presentation techniques, such as direct document capture as with a classic document camera and immediate presentation using a data projector. You can take pictures of flipcharts or whiteboards with notes, you can integrate up-to-date photos, and much more. CASIO's new technology places almost limitless and totally new presentation techniques at your fingertips!

The multi-functional camera system is based on tried-&-tested CASIO technology in the shape of a high-resolution, removable digital camera with 4 million pixels, to ensure that even the tiniest details come out sharp. The integrated tripod with document stand and the tailor-made software supplied with the system turn it into an ideal presentation tool.
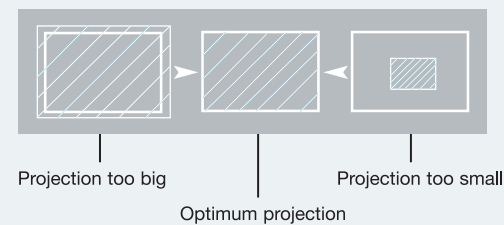
You know what you've got to show, but you're not sure what room you'll be holding your presentation in? With the new CASIO projectors, this is no problem: thanks to the 2x optical zoom, you can choose any distance to the projection surface between 5.25 and 10.5 feet, for example, for an image 60 inches wide. With conventional 1.2x zoom projectors, you can only vary the distance between 7.75 and 9.5 feet. The new CASIO projectors make you almost independent of the room size – and with optimum image quality in all cases.

Nearly 4 foot image width

5.25 foot distance

10.5 foot distance

Nearly 4 foot image width

A perfect fit: optimum adjustment to suit your projection surface.

The zoom shows its advantages particularly in rooms with 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 progressively to fit the projection surface, so that you have a perfect picture at all times – especially at short distances. The XJ-450 even adjusts the image size at the touch of a button – it is equipped with a power-driven zoom lens with auto focus.

Projection too big

Projection too small

Optimum projection

No more drawing blinds: CASIO gives you up to 2,800 ANSI lumens light intensity.

For projection during daylight hours or in brightly-lit rooms, people are used to closing the blinds. But here, too, CASIO has made a breakthrough. Thanks to our ARC technology, our new projectors offer exceptional high intensity despite their extremely compact size: the XJ-350 is 2,200 ANSI lumens bright, and the XJ-450 sheds even more light on your presentation, with as much as 2,800 ANSI lumens. You can present yourself in a friendly light and don't lose eye contact with your interested audience – quite a difference! CASIO turns a monologue in the dark into a discussion in daylight.
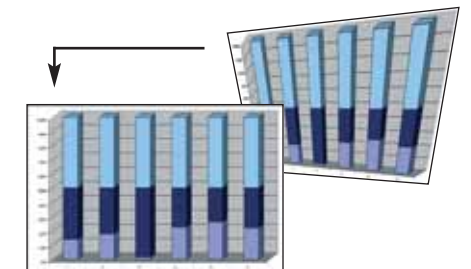
IMC and ACR systems from CASIO

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 bulb reflector (ACR: Acornic Reflector). These two features enable total size to be reduced by some 30 %, while making approx. 20 % better use of the light emitted by the lamp.

Fully automatic keystone correction in all directions.

With the new CASIO projectors, distorted images are a thing of the past. When the room layout doesn't permit straight projection, you can set up the XJ-450 at an angle of up to 30° to the projection surface. The projector corrects the keystone distortion immediately and automatically. A sensor system does the work for you, leaving you free to concentrate on your presentation! The XJ-350 likewise features automatic vertical correction while horizontal keystone correction is performed manually, using the operating menu.

Correction of a document with slanted edges

Projector, laptop and our multi-functional camera system work in perfect harmony.

Both models have a video signal input (composite and S-video) 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 our multifunctional camera system the YC-400. An all-round solution from one source.

PICTURE BY

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY

- • **2,800 ANSI lumens**
- • **2x optical wide-angle zoom lens**
- • **DLPTM technology**
- • **XGA resolution (1,024 x 768 pixels)**
- • **Weighs only 5.29 lbs**
- • **Size (W x H x D): 10.94 x 2.52 x 7.76 in**
- • **Automatic horizontal and vertical keystone correction**
- • **Power Zoom**
- • **Autofocus**
- • **Whisper mode**
- • **3 years warranty**
- • **Delivered with carrying case and infrared remote control with laser pointer**

XJ-450

DATA PROJECTOR XJ-450

2x zoom

A brilliant outlook for your presentation: 2,800 ANSI lumens in a micro portable.
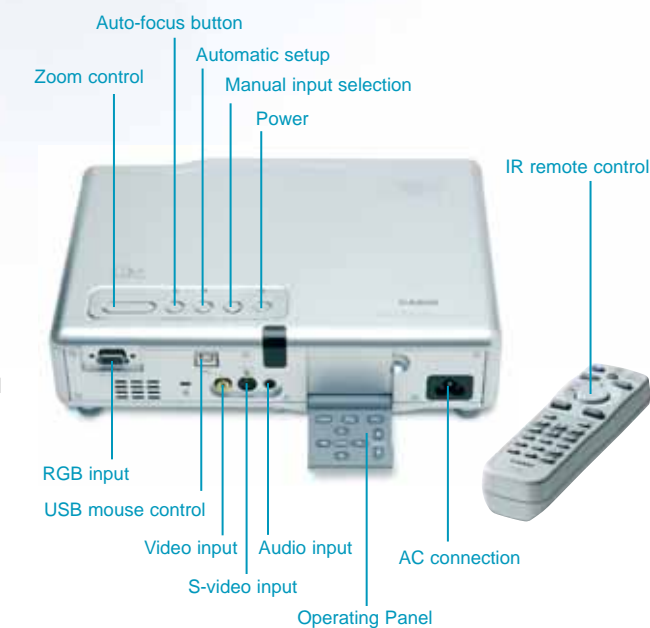
Unbelievable, what a small space you can pack 2,800 ANSI lumens into! CASIO provides impressive proof that it can be done with the XJ-450. The amazing brightness level guarantees brilliant presentations. And with its remarkably compact size (10.94 x 2.52 x 7.76 in – W x H x D) and a weight of a mere 5.29 lbs, the XJ-450 shows what is technically possible nowadays. Size is the only parameter where we have economized: the XJ-450 wins instant popularity with a whole number of useful additional functions such as fully automatic keystone correction of horizontal and vertical distortion by a built-in optical differential sensor, and an autofocus zoom lens that deals with the entire focus adjustment for you. With all these user-friendly features, you're ready to go at the drop of a hat, and can direct your own focus where it belongs: on your presentation!

What you've been waiting for: the XJ-450 has everything on board for perfect presentations.

The XJ-450 projector really is fully equipped to cope with all the demands of your hard working day. The integrated lens cover slides elegantly to one side to reveal the coated quality lens, which ensures even illumination over the entire image surface, and guarantees that your data is reproduced exactly as the original. Maximum investment security and a long life for the light bulb are ensured by the use of high performance bulbs and by the robust outer case of magnesium alloy. In addition to the necessary cables (RGB, video and USB-mouse), the XJ-450 is supplied complete with a high-quality carrying case and an infrared remote control with a practical laser pointer: plug it in and you're ready to go! In case you want to use the projector at a fixed location, a ceiling mount is available as an optional accessory.

Auto-focus button
Automatic setup
Zoom control
Manual input selection
Power
IR remote control
RGB input
USB mouse control
Video input
Audio input
AC connection
S-video input
Operating Panel

PICTURE BY

DLP™
A TEXAS INSTRUMENTS TECHNOLOGY

- **• 2,200 ANSI lumens**
- **• 2x optical wide-angle zoom lens**
- **• DLPTM technology**
- **• XGA resolution (1,024 x 768 pixels)**
- **• Weighs only 3.97 lbs**
- **• Size (W x H x D): 9.06 x 2.17 x 6.73 in**
- **• Automatic vertical keystone correction**
- **• Whisper mode**
- **• 3 years warranty**
- **• Delivered with carrying case and infrared remote control with laser pointer**
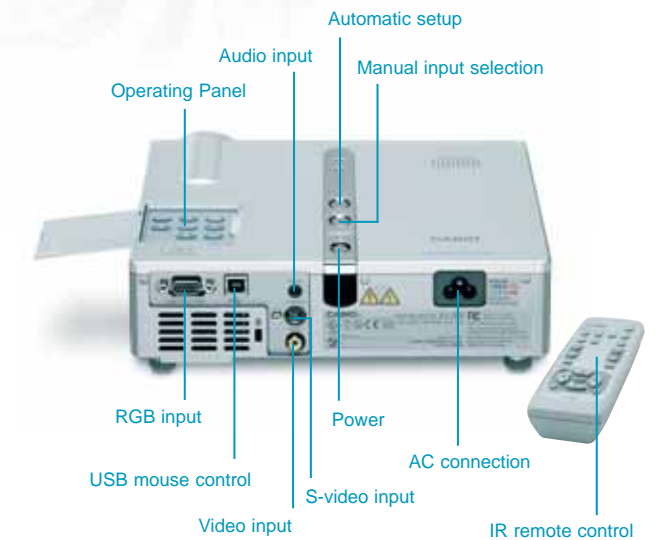
XJ-350

2x zoom

Carry less, see more!

Surprisingly small and convincingly bright: the XJ-350 is as compact as technology allows, and will make your working life easier from the word go. Never before has such bright projection (2,200 ANSI lumens) been available in such a small device! Smaller than a sheet of B5 paper, the XJ-350 easily fits into any briefcase, and at a modest 3.97 lbs, it's the lightweight in its class. In addition to its unique mobility and sophisticated design, the XJ-350 also offers numerous technical features that will contribute to your success: in combination with the brightness of 2,200 ANSI lumens, an impressive contrast of 1,000 : 1 ensures outstandingly clear and brilliant projection, with sharp and detailed images thanks to XGA resolution.

Fits the smallest space: the optical double zoom adjusts as necessary.

The XJ-350 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-350 has an integrated wide-angle, double zoom lens: this ensures that you'll make a big impression even over short projection distances. For an image nearly 4 foot wide, the XJ-350 only needs a projection distance of 5.25 feet! And you can be flexible in your choice of projection location, too: the fully automatic vertical keystone correction and a manual horizontal correction mean that you just set up the projector – and you're good to go.

Automatic setup

Audio input

Manual input selection

Operating Panel

RGB input

Power

USB mouse control

AC connection

S-video input

Video input

IR remote control

The presentation revolution. With the multifunctional camera system YC-400, CASIO has managed to integrate a high-resolution (4 million pixels) digital camera into a presentation system for the first time. This opens up presentation possibilities which have been inconceivable up until now.

YC-400

Connecting it is child's play: you hook up the YC-400 to the USB connection of your PC, which is connected to the XJ-450 or XJ-350 – and you're all set!

As small as a sheet of B5 paper, weighing only 3.53 lbs, 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 detail, the multi-functional camera system YC-400 consists of a solid but lightweight aluminium tripod, a high-quality portable digital camera with a 4 million pixel resolution and an optical triple zoom designed for the special needs of presentations. This way, you can be sure that everything goes together: the camera set, and your new CASIO XJ-350 or XJ-450 projector.

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

Does this sound familiar? In the middle of a meeting, someone brings you the latest information. Not in digital form, of course, but as handwritten notes, a printout or a newspaper clipping. Wouldn't it be great if you could incorporate these documents into your projector presentation and in high resolution? That's no problem with the YC-400: just place the document on the document tray and hit the button. The software supplied with the system automatically loads the photo on to your computer, corrects the position if necessary 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 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!
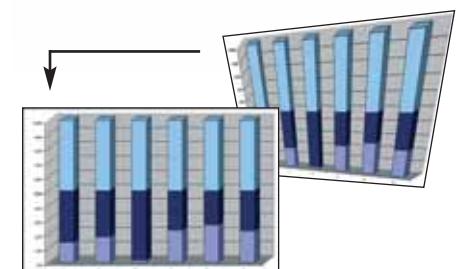
A camera for your shirt pocket!

If you want to record a trade show, a factory or field survey, just remove the 4 million pixel camera from the tripod. Then you can take pictures anywhere and present them to your audience as soon as you get back: connect the camera to the computer again, and the PC automatically stores your new pictures on the hard disk. Your new photos are then immediately available as a slide show or they can be imbedded into reports or presentations.

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

Whether you "scan in" a document on the document stand, take a photo of a poster or photograph the whiteboard at an angle: the software of the multifunctional camera system YC-400 recognizes 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 colors to incorporate into your presentation.

Correction of a document with slanted edges