DIGITAL PRESENTER
AV-P1000

High-resolution SXGA images, 3-picture memory, 5-position arm, NTSC/PAL output, 20x zoom and RS-232C interface

Specifications

General

Power requirements
AC 220 V to 240 V, 50-60 Hz (AV-P1000E)
AC 100 to 120 V, 50-60 Hz (AV-P1000U)

Power consumption
1 A (AV-P1000E)

40 W (AV-P1000U)

Operating temperature
5˚C to 40˚C (41˚F to 104˚F)

Humidity
30% to 85%

Dimensions (WHD)
740 x 636 x 690 mm (open)

(29-3/16” x 25” x 27-3/16”)

450 x 236 x 706 mm (closed)

(17-3/4” x 9-3/10” x 27-13/16”)

Weight
9.2 kg (20.3 lbs.)

Optical

Lens
F2.9 to F3.1, f = 6.4 mm to 32 mm (5x zoom)

Shooting area
350 x 260 mm max. (13-13/16” x 10-1/4”)

75 x 54 mm min. (3-1/16” x 2-1/4”)

Focal distance
100 mm (3-15/16”) above the platform surface (with close-up lens)

∞ to 0.8 m (2.6 ft) (without close-up lens)

Zoom control
Motorized (user control)

Iris
Auto (with fine-tuning)/manual

Lighting
Side lamp
2 x 6 W (Fluorescent)

Backlight panel
2 x 6 W (Fluorescent)

Backlit area
44.1 x 297 mm horizontal (17-3/4” x 11.7”)

Camera head
Image pickup device
1/2.7” interline-transfer CCD

Total number of pixels
1,300,000

Crawler frequency
RGB output
H V
1280 x 960 64.0 kHz 60.0 Hz
1152 x 864 48.0 kHz 60.0 Hz
800 x 600 37.9 kHz 60.3 Hz
640 x 480 31.5 kHz 59.9 Hz

Video output
NTSC 15.734 kHz 59.94 Hz (AV-P1000U)

PAL 15.75 kHz 50 Hz (AV-P1000E)

White balance
Auto (with fine-tuning)/manual

Contour correction
Available

Color/monochrome selection
Yes

Input select
Camera/PC

Input/output

Input terminals
PC: D-SUB 15-pin x 1,
RS-232C: D-SUB 9-pin x 1

Output terminals
RGB: D-SUB 15-pin x 1,
BNC x 1 set
Video: RCA x 1
DC: 12 V socket x 1

Accessories
Provided
Instruction manual x 1, power cable x 2,
wireless remote control x 1, “AA” battery x 2

Optional
4” LCD color monitor with bracket (TA-AV-Z7U)

Design and specifications subject to change without notice.

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SCUN-0003

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ISO9001/14001
Victor Company of Japan, Limited has received ISO 9001 & 14001 Certification under the global standards for quality management & environmental management.

Printed in Japan
SCUN-0003
The Power To Persuade — High-Resolution 1280 x 960 SXGA Images, Versatile Shooting Functions, And Easy Operation Make Every Presentation A Winner

The ultimate multimedia presentation tool, this versatile digital projector lets you mix and match computer data and real three-dimensional objects to produce a high-quality, entertaining presentation that’s sure to impress even the most demanding audiences. Featuring high-resolution SXGA images with clear characters (down to 8-point), simultaneous display with 3-picture memory and 4x electronic zoom, the AV-P1000 lets you switch easily from computer-generated images to the real thing. Other features include a remote control unit, 5-position arm, camera panning, flip-type close-up lens and book holder. Ideal for classrooms, lectures, scientific presentations, product demonstrations, and more, the AV-P1000’s powerful performance and versatile features make it the essential realtime presentation device for the multimedia age.

High-Resolution 1280 x 960 pixels equivalent to SXGA images

To achieve the picture quality required for advanced PC environments, pictures up to SXGA 1280 x 960 pixels are produced without degradation or flicker.

RGB (SXGA to VGA) or NTSC/ PAL output

High-quality images can be output to a variety of computer display monitors, including RGB or CCIR monitors, allowing easy integration into any system.

Simultaneous display with 3-picture memory

You can simultaneously display up to 3 pictures in memory and compare them with the current image. The simultaneous display function gives you a side-by-side view of the real-time camera image and your desired stored images. Multi-pictures are then displayed side by side with picture output of 4:3 or 16:9, making it easy to compare images.

Smooth transitions with Freeze function

The freeze function is a great way to keep your presentation running smoothly by limiting awkward transitions. When you want to maintain the desired image, just press the FREEZE button to freeze the current picture. When you want to display the next display, your audience will continue to view the still image. As soon as you’re ready, press the FREEZE button again to display the next image.

You can store up to 3 pictures in memory and 4x electronic zoom, the AV-P1000 lets you switch easily from camera to PC input via RS-232C interface. Other functions:
• Quick change of angle of view (2 settings stored in memory)
• Camera/PC input selector
• Pointer indication
• Switching between a camera and PC input via RS-232C interface
• Book holder

Camera head rotation control for camera panning

A handy camera panning function lets you display surrounding objects such as large presentation materials or even the interior of a conference room.

Flip-type close-up lens

Switching between camera and electronic zoom is easy with this unique lens. And you’ll never misplace a lens, because it’s never necessary to change it.

8-point character clearly displayed

Characters down to 8 points can be clearly shown without black blur or flickering. A high-contrast character mode is available for even greater legibility.

Side light

Clear character display is available with side illumination. Character information can be cleanly displayed without blur or flickering. A high-contrast character mode is available for even greater legibility.

5-position arm with panning camera

The combination of a 5-position arm with a panning camera lets you capture a full-frame image of any object, which can then be easily displayed on the screen. Ideal for classrooms, lectures, and more, the AV-P1000 lets you switch easily from computer-generated images to the real thing.

On-screen display

Real-time images of important objects such as real-time data or photos can be easily displayed on the screen. You can also switch back and forth to show characters more clearly.
The Power To Persuade — High-Resolution 1280 x 960 SXGA Images, Versatile Shooting Functions, And Easy Operation Make Every Presentation A Winner

Simultaneous display with 3-picture memory

You can simultaneously display up to 3 pictures, either in memory and compared with the current image. The simultaneous display function allows you to edit the order of the real-time camera image and the selected stored images. Multiple images are shown side by side or in a gallery format, making it easy to compare images.

Smooth transitions with Freeze function

The freeze function is a great way to keep your presentation running smoothly by freezing certain images. When you want to hide the display of live or stored images on the freeze page, just press the FREEZE button to freeze the current picture. When you're ready to display your audience can continue viewing the image. Alternatively, you can press the FREEZE button again to display the next image.

Smooth transitions with Freeze function

Camera head rotation control for camera panning

The camera head rotation control allows you to pan and tilt the camera head in a variety of directions without changing the position of the camera. This feature is ideal for video conferencing, allowing you to capture a wider field of view or to focus on specific areas of the camera.

Flip-type close-up lens

The flip-type close-up lens is ideal for close-up shots or to focus on specific areas of the camera. It can be used to capture details or to make objects appear larger.

Rear panel

The rear panel includes a comprehensive array of input/output connectors, including an RS-232C serial interface, allowing control of useful functions from a personal computer. Adding to the flexibility, images can be input from a computer and the AV-P1000 can be used as a controller for a camera or even a PC. PC input resolution from modified SXGA to VXGA (1,280 x 1,024) is available as industry-standard video or computer video input. The AV-P1000's powerful performance and versatile features make it ideal for a variety of applications, including presentations, video conferencing, and more.

Control panel

On-screen display

An on-screen display feature allows you to display information such as the time, date, and other relevant data on the screen, making it easy to keep track of important details during a presentation.

Wireless remote control

Wireless remote control gives you complete control over the AV-P1000, allowing you to adjust the volume, focus, and other settings without having to manually adjust the camera. This feature is ideal for using the camera in a variety of settings, including video conferencing and presentations.
Specifications

Camera

Power requirements: AC 220 V to 240 V, 50-60 Hz (AV-P1000E)
AC 100 to 120 V, 50-60 Hz (AV-P1000U)

Power consumption: 3 A (AV-P1000E)
40 W (AV-P1000U)

Operating temperature: 5°C to 40°C (41°F to 104°F)

Humidity: 30% to 85%

Dimensions (WHD): 740 x 636 x 690 mm (open)
450 x 236 x 706 mm (closed)

Weight: 9.2 kg (20.3 lbs.)

Optical

Lens: F2.9 to F3.1, f = 6.4 mm to 32 mm (5x zoom)

Shooting area: 350 x 260 mm max. (13-13/16" x 10-1/4")
75 x 56 mm min. (3-1/16" x 2-1/4")

Focal distance: 100 mm (3-15/16") above the platform surface (with close-up lens)
∞ to 0.8 m (2.6 ft) (without close-up lens)

Zoom control: Motorized (user control)

Iris: Auto (with fine-tuning)/manual

Lighting

Side lamp: 2 x 6 W (Fluorescent)

Backlight panel: 2 x 6 W (Fluorescent)

Backlit area: 44 x 64 x 220 x 213 mm (11.7" x 8.3")

Camera head

Image pickup device: 1/2.7” interline-transfer CCD

Total number of pixels: 1,300,000

Crawler frequency:
- RGB output: 1280 x 960 64.0 kHz 60.0 Hz
- 1024 x 768 48.4 kHz 60.0 Hz
- 800 x 600 37.9 kHz 60.3 Hz
- 640 x 480 31.5 kHz 59.9 Hz

Video output:

NTSC: 15.75 kHz 56.9 Hz (analog)
PAL: 15.75 kHz 50 Hz (analog)

White balance: Auto (with fine-tuning)/manual

Contour correction: Available

Color monochrome selection: Yes

Input select: Camera/PC

Input/output

Input terminals:
- PC: D-SUB 15-pin x 1
- RS-232C: D-SUB 9-pin x 1

Output terminals:
- RGB: D-SUB 15-pin x 1, BNC: x 1 set
- Video: RCA x 1
- DC: 12 V socket x 1

Accessories

Provided:
- Instruction manual x 1, power cable x 2, wireless remote control x 1, "AA" battery x 2

Optional:
- 4" LCD color monitor with bracket (TA-AV-Z7U)