

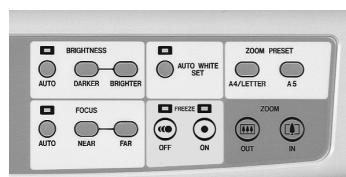
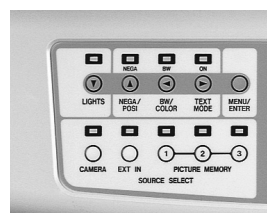
# Digital Presenter with USB Interface

## AV-P950U

- The USB interface allows you to transfer images to a PC for processing and to control the presenter from a PC.
- In the preview mode, you can adjust zoom and focus before outputting the picture to the main presentation screen.
- High-resolution XGA pictures (1,024 x 768 pixels)
- 3-picture memory
- Up to 20x zoom (5x optical zoom and 4x digital zoom)
- Auto focus
- Camera head rotation (110 degrees to the rear)
- 5-position arm with panning camera
- Flip-type close-up lens
- Slide film holder
- 10-point characters visible
- Back and side illuminations
- Full flat stage
- Wireless remote control
- Zoom presets
- Book holder (optional)
- On-screen menu display



Control panel



General	
Power requirements:	AC 100 V to 120 V, 50/60 Hz
Power consumption:	40 W
Dimensions (WHD):	775 x 700 x 670 mm (open) (30-9/16" x 27-7/16" x 26-7/16") (Width: when the illuminations are moved to the outside maximum) 462 x 230 x 765 mm (closed) (18-1/4" x 9-1/16" x 30-1/8")
Weight	9 kg (19.8 lbs.)
Optical	
Lens:	F2.9 to F3.1, f = 6.4 mm to 32 mm
Shooting are:	Max.: 350 x 260 mm (13-13/16" x 10-1/4") (B4 size (257 x 364 mm/10-1/8" x 14- 3/8") horizontal) Min.: 80 x 60 mm (2-3/16" x 2-3/8") (with digital zoom OFF)
Focal distance adjustable range:	From the stage surface to a height of 100 mm (3-15/16") (camera directed downward, with close-up lens) ∞ to 0.8 m (2.6 ft) (the camera directed to the side, without close-up lens)
Zoom:	Motorized x5 (optical), x4 (digital)
Focus:	Auto/manual
Brightness:	Auto/manual
Lighting	
Side illumination:	2 x 6 W (fluorescent)
Back illumination panel:	2 x 6 W (fluorescent, area size V205 x H275 mm (8-1/8" x 10-7/8"))
Camera head	
Image pickup device:	1/3" CCD
Total number of pixels:	850,000 (H1077 x V788)
Scanning system:	Progressive
Color filter:	RGB
Output operation mode:	Progressive mode, 3-mode switching H: 48.4 kHz/V: 60.0 Hz 800 dots x 600 dots H: 37.9 kHz/V: 60.3 Hz 640 dots x 480 dots H: 31.5 kHz/V: 59.9 Hz Interface mode: 15.734 kHz/59.95 Hz
Frame rate:	15 fps
White balance:	Auto/manual
Negative/positive switching:	Available
Color/BW switching:	Available
Picture memory:	Up to 3 pictures
Input select:	Camera/External input
Text mode:	Available

Input/output	
Input connector:	External input (D-sub 15-pin, female) x 1
Output connectors:	RGB (D-sub 15-pin, 0.7 V, 75 ohms, female) x 2 S-video (Mini DIN 4-pin, 1 V (p-p), 75 ohms) x 1 Video (RCA pin, 1 V (p-p), 75 ohms) x 1 USB (series B) x 1 DC 12 V (DC jack) x 1
Control connector:	Remote input (D-sub 9-pin, RS-232C, male) x 1
Environmental conditions	
Operating temperature:	5°C to 40°C (41°F to 104°F)
Humidity:	30% to 85%
Accessories	
Provided accessories:	Instruction manual x 2, video cable (5 m) x 1, power cord x 1, wireless remote control x 1, battery (AA) x 2, floppy disk (application software) x 3
Options:	LCD monitor (TA-AV-Z7U), book holder