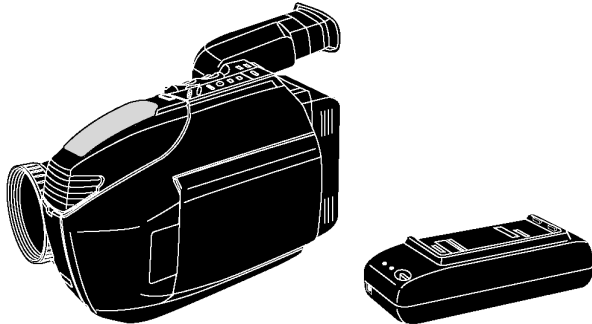


Service Manual

Compact VHS Camcorder

Palmcorder **VHS**
PalmSight™

PV-L750
PV-L780
PV-L850



MODELS: PV-L750/ PV-L780
PV-L850

MODELS: PV-A17/ PV-A18

ITEM	SPECIFICATION	1	2	3	4	ITEM	SPECIFICATION	1	2	3	4	
Power Source	Compact VHS Camcorder: DC 6 V AC Adaptor: 110/120/220/240 V AC, 50/60 Hz Battery: Nickel-Cadmium Type DC 6 V	○	○	○	○	Lens	26 : 1 zoom lens, F1: 1.6 with auto iris control Focal length: 3.8 mm - 98.8 mm (4.5 mm - 117 mm: When recording.) (43.2 mm - 1123.2 mm: When converted to a 35 mm still camera.)	○	○	○	○	
Power Consumption	Compact VHS Camcorder: 6 V DC 8.5 W (Max. 11.5 W) AC Adaptor: 24 W 1.2 W (when not in use.)	○	○	○	○		4 speed power zoom function Lens filter diameter: 49 mm	○	○	○	○	
Video Signal	EIA Standard (525 lines, 60 fields) NTSC color signal	○	○	○	○	Viewfinder	10.2 mm (0.4 inch) Electronic Viewfinder 11.2 mm (0.44 inch) Liquid Crystal color Electronic Viewfinder	○	-	○	○	
Video Recording System	Head: 2 rotary heads plus flying erase head. Helical scanning system 4 rotary heads plus flying erase head. Helical scanning system Signal-to-Noise Ratio: SP: more than 43 dB SLP: more than 41 dB Horizontal Resolution (Color/Monochrome) Recording: more than 300 lines Playback: more than 230 lines	○	○	-	-		LCD Monitor	101.6 mm (4.0 inch) Liquid Crystal Display 76.2 mm (3.0 inch) Liquid Crystal Display	○	-	○	○
	Audio	Head: Normal Mono: 1 stationary head MIC Input Level (M3 type) - 70 dB Frequency Response: Normal Mono: SP: 100 Hz - 8 kHz SLP: 100 Hz - 5 kHz Signal-to-Noise Ratio: Normal Mono: SP: more than 42 dB SLP: more than 40 dB	○	○	○	○		Memory	8 MB CompactFlash Card	○	○	○
							Image Size	FINE: 640 x 480 pixels Normal: 320 x 240 pixels	○	○	○	○
Tape Speed	SP: 1-5/16 i.p.s (33.35 mm/s), SLP: 7/16 i.p.s (11.12 mm/s) Record/Playback Time: SP: Max. 30 min, SLP: Max. 90 min, with TC-30 Tape FF Time: Less than 7 min. (TC-30 Tape) REW Time: Less than 4 min. (TC-30 Tape)	○	○	○	○	Image Storage	FINE: Approx. 60 images Normal: Approx. 240 images	○	○	○	○	
							Image Format	JPEG	○	○	○	○
Tape Format	Tape width 0.5 inch (12.7 mm) high density tape	○	○	○	○	Minimum Illumination Required	0.8 lx (F1: 1.6) 0.08 footcandles 7 lx (F1: 1.6) 0.7 footcandles (EIA Standard) 2.0 lx (F1: 1.6) 0.20 footcandles 10 lx (F1: 1.6) 1.0 footcandles (EIA Standard)	○	○	○	-	
							Operating Condition	0 °C~40 °C (32 °F~104 °F) (Temperature) 10 %~75 % (Humidity)	○	○	○	○
Pick-Up System	Sequential color difference field reverse system	○	○	○	○	Weight	1.09 kg (2.40 lbs.) 1.08 kg (2.38 lbs.) 1.10 kg (2.43 lbs.)	○	○	-	-	
Pick-Up Device	One integral color filter Charge Coupled Device (CCD)	○	○	○	○		Dimension	107 mm x 118 mm x 180 mm (W x H x D) (4-1/4 inch x 4-5/8 inch x 7-1/8 inch) (W x H x D)	○	○	○	○

1. PV-L750 3. PV-L780
2. - - - - - 4. PV-L850

Weight and dimensions shown are approximate.
Designs and specifications are subject to change without notice.

Regarding the Service Manual of the AC Adaptor for model PV-A17, please refer to the Service Manual / Order No. MKW9512M302 and regarding the Service Manual of the AC Adaptor for model PV-A18, please refer to the Service Manual / Order No. MKE0001202C1.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Note: AC Adaptor used with Camcorders (PV-L750, PV-L780) is PV-A17.
 AC Adaptor used with Camcorder (PV-L850) is PV-A18.
 The Service Manuals for AC Adaptor (PV-A17, PV-A18) are a separate volume.
 Please refer to following manuals for PV-A17, PV-A18.
 Order number for AC Adaptor (PV-A17) Service Manual: **MKW9512M302.**
 Order number for AC Adaptor (PV-A18) Service Manual: **MKE0001202C1.**

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