



IDX Shoulder Stabilisation System For Professional Camcorders & DSLR Cameras



Shoulder Stabilisation System

The Shoulder Stabilisation System from IDX is designed to offer a smooth and stable shooting base for professional camcorders and DSLR cameras, allowing 14.4V V-Mount ENDURA batteries to supply the power and provide considerably longer runtimes. The system is uniquely versatile and can be configured to suit a variety of camera models with individual power requirements.



A-CA74E Shoulder Adaptor Base

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The **A-CA74E** is the shoulder adaptor base on which to mount the camcorder. The adaptor features a cushioned shoulder pad, while the plate at the rear allows the appropriate IDX P-V Plate to be attached and an ENDURA V-Mount battery to be connected. Both the angle and vertical position of the battery V-Plate are adjustable to help balance the unit on the shoulder to the users comfort and preference. This also allows the A-CA74E to be folded flat when not in use for storage and transportation.



The A-HG74 Hand Grip in folded position

A-HG74 Hand Grip

Should the operator require a fully stable shooting platform, the optional **A-HG74** provides three cushioned hand grips for supporting the A-CA74E and camcorder. Using the A-HG74 enables more precise and smoother movement of the Shoulder Stabilisation System, rather than using a standard camcorder palm strap. The two handles at the front can be used as hand grips, while the third handle at the rear provides support to the chest area to add extra stability. The angle of each hand grip is fully adjustable then locked in position as required. The A-HG74 comes equipped with an **M-TR74** tripod adaptor located on the base which allows the operator to easily move between the Shoulder Stabilisation System and tripod, an ideal time saving device when both are used on the same production. If the A-HG74 is not required, the M-TR74 is available separately for attachment to the base of the A-CA74E.



A-CA74E with optional A-HG74 Hand Grip and P-V plate

P-V Plate

There are three optional P-V plates from which to choose depending on the voltage requirements of the camcorder. Each P-V plate model will convert the 14.4V supplied by an IDX V-Mount battery to output a regulated DC voltage. The **P-V257** outputs 5V or 7.3V which can be chosen via a power select switch, the **P-V212** outputs 12V and the **P-V284** outputs 8.4V. Power output from the P-V plate is via a 2-pin D-Tap and is connected to the camera via an optional DC cable. Each P-V plate features a second D-Tap connector located on the opposite side which can be used to power optional camera accessories and peripheral equipment.



P-V Plate with regulated DC output

DC Cable

Also available is a range of optional DC cables, designed for connection from the P-V plate to a variety of professional camcorder and DSLR camera models.

- **C-SONC** for the Sony HVR Series
- **C-PIN** for the Sony EX Series
- **C-EOSC** for the Canon EOS Camera
- **C-PANAVC** for the Panasonic HMC Series
- **C-PANCP2** for the Panasonic HPX, HVX Series
- **C-JVCC** for the JVC HM Series
- **C-CANC** for the Canon XL, XH Series



Optional DC cable

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The table below shows how the IDX Shoulder Stabilisation System can be configured to suit the power and voltage requirements of various manufacturers camcorder or DSLR camera models. The advantage for stabilising your camera equipment via this system is that it can be powered using IDX's premier range of ENDURA V-Mount Li-ion batteries, resulting in much longer runtimes to satisfy even the longest day's shooting without frequent battery changeover.

	Shoulder Stabilisation System Configuration				Camera Power Consumption (W)	Estimated ENDURA Battery Run Times (Hours)							
	Shoulder Adaptor	Optional Hand Grip	Optional P-V Plate	Optional DC Cable		ELITE 136Wh	E-10 / E-10S 93Wh	E-HL9 / E-HL9S 88Wh	E-7 / E-7S 68Wh				
SONY													
PMW-EX1	A-CA74E	A-HG74	P-V212	C-PIN	13	10.5	7.1	6.7	5.2				
PMW-EX3					13.5	10	6.8	6.5	5				
HXR-NX5	A-CA74E	A-HG74	P-V284	C-SONC	7.7	17.6	12	11.5	8.8				
HXR-MC50E					15	9	6.2	5.9	4.5				
HVR-Z5/Z7					7	19.4	13.3	12.5	9.7				
HVR-V1E					6.8	20	13.6	12.9	10				
HVR-HD1000E					4.8	28.3	19.3	18.3	14				
HVR-Z1/FX1					8	17	11.6	11	8.5				
HVR-S270E					12	11.3	7.7	7.3	5.6				
DSR-PD170/150					4.7	28.3	19.3	18.3	14				
PANASONIC													
AG-HMC150					A-CA74E	A-HG74	P-V257	C-PANAVC	9.8	13.9	10.9	8.9	6.9
AG-HMC70	8.5	16	10.9	10.3					8				
AG-HMC40	5.8	23.4	16	15					11.7				
HPX-201	A-CA74E	A-HG74	P-V257	C-PANCP2	14	9.7	6.6	6.3	4.8				
HPX-171					13.8	9.8	6.7	6.3	4.9				
DVX-100					7.2	18	12.9	12.2	9.4				
JVC													
GY-HM100	A-CA74E	A-HG74	P-V257	C-JVCC	7.2	18	12.9	12.2	9.4				
CANON													
XF-300/305	A-CA74E	A-HG74	P-V257	C-CANC	9	15.4	10.3	9.7	7.5				
XL-H1					7.4	18.3	12.5	11.9	9.1				
XH-G1					7.3	18.3	12.5	11.9	9.1				
XH-A1					6.9	19.7	13.4	12.8	9.8				
EOS 5D	A-CA74E	A-HG74	P-V257	C-EOSC	~	~	~	~	~				
EOS 7D MKII					~	~	~	~	~				

Notes:

- Estimated runtimes are approximate assuming a fully charged battery is connected. The actual time may vary with battery age and frequency of use
- Estimated runtimes based on powering the camera unit only. Times will vary depending on the use accessories
- Camera power consumption is based on the manufacturers published specification
- E. and O.E.

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