

SONY

Press Release

Preserve Life's Most Precious Moments in 4K¹ with Sony's New Handycam®

Full HD camcorder HDR-PJ675 with built-in projector features 5-axis image stabilisation, Fast Intelligent AF, and Time-lapse Capture



4K Handycam® FDR-AXP55

- **FDR-AXP55** 4K Handycam® with new Exmor R™ CMOS sensor with approx. 1.6x bigger pixel size² for unrivalled sensitivity, particularly in low light conditions
- New ZEISS® Vario-Sonnar T* lens for astounding resolution up to a wide angle of 26.8mm³ and 20x optical zoom and 30x Clear Image Zoom⁴
- Featuring 5-axis image stabilisation enabled by Sony's Balanced Optical SteadyShot™ enhanced with NEW Intelligent Active mode,⁵ compensating for camera shake even whilst running
- New microphone structure which collects sound from five directions for advanced sound quality
- Full HD 100fps high speed recording for post-production editing of incredible slow-mo movies⁷
- Built-in projector (50lm) with external input
- Pro-style features including manual ring, EVF, Time Code recording and User Bit for increased shooting flexibility
- Full HD camcorder **HDR-PJ675** with built-in projector offers enhanced camera functions including 5-axis image stabilisation, Fast Intelligent AF, and Time-lapse Capture

¹ 3840 x 2160 pixels.

² Compared to FDR-AXP33/FDR-AX33.

³ 35mm equivalent.

⁴ 20x optical, 30x (4K)/ 40x (FHD) Clear Image Zoom.

⁵ Available in HD recording only.

Hong Kong, January 19, 2016 – Sony’s newest Handycam® camcorders allow you to perpetuate life’s defining moments in vibrant 4K detail. The patriarch of this year’s camcorder family takes form in Sony’s newest 4K Handycam®, the **FDR-AXP55**, combining enhanced image quality and incredible sound performance.

Sony’s Full HD camcorder range also welcomes a new member, **HDR-PJ675**, which can capture blur-free footage with image stabilisation technologies.

FDR-AXP55: Breath-taking picture quality with 4K Handycam®

The **FDR-AXP55** features a new Exmor R™ CMOS sensor, providing exceptionally detailed 4K movies. Due to the new sensor’s approximately 1.6x larger pixel size², the **FDR-AXP55** enjoys a much greater sensitivity level than its predecessor and allows for fantastically clear content with outstanding resolution even when shooting in low light conditions.

The **FDR-AXP55** features a newly developed ZEISS® lens that extends to a wide angle of 26.8mm³, accurately capturing the scene from wide angle through to telephoto. The lens empowers the camcorder with a remarkable range of 20x optical and 30x (4K)/ 40x (FHD) Clear Image Zoom, for beautiful close-up footage you don’t want to miss.

Due to its Advanced Aspherical (AA) and Extra-low Dispersion(ED) lens elements, colour fringing is highly reduced allowing the lens to produce incredibly accurate colours for beautifully precise footage. The multi-layer film ZEISS® T* coating reduces unwanted reflections like ghosting and flare which delivers a crisper, clearer image even when shooting on bright days outside.

The **FDR-AXP55** is the first Handycam® with an enhanced version of Sony’s own Balance Optical SteadyShot™; a 5-axis image stabilisation system that brings you blur-free footage when shooting handheld and thanks to its new Intelligent Active mode⁵, also ensures crisp footage whilst running. This incredibly powerful image stabilisation system allows for exceptionally smooth and clear video footage from all angles, even when on the move or whilst using the telephoto end of the 20x optical zoom when aiming for close-ups shots. The new Intelligent Active mode takes it a step further and even allows for incredibly clear HD footage when running.

The **FDR-AXP55** records at an incredible high bit-rate of 4K 100Mbps, using the high-performing XAVC S™ recording format⁶, allowing each frame to be filled with astonishing 4K detail so you can relive everything from splashing waves to colourful confetti.

⁶ Requires SDXC/SDHC memory card UHS-I U3 or Higher for XAVC S 4K 100Mbps recording and SDXC/SDHC memory card Class 10 or higher for XAVC S 4K 60Mbps and XAVC S HD 50Mbps recording.

The camcorder comes with a newly adapted AF algorithm, Fast Intelligent AF, also featured in Sony's [α7S II](#), which optimises communication between the lens and processor to achieve speeds up to approximately 40% faster² than previous models and more precise subject capture.

Advanced sound quality

The **FDR-AXP55**'s new microphone structure collects sound from five directions, thereby capturing real-life sounds and delivering a more realistic sense of ambience. Due to the enhanced microphone structure, noise levels have been reduced by approximately 40%², and stereo performance is approximately twice as high as previous models², allowing for clear recordings in a greater range of environments. Its 5.1ch microphone records high stereo sound in 2ch in XAVC S 4K/HD and high surround sound in 5.1ch in AVCHD. In addition, the My Voice Canceling function reduces the user's own voice whilst recording.

Full HD 100fps recording for slow-mo movies⁷

As a first for the Handycam® series, the **FDR-AXP55** can record at 100fps in Full HD meaning that footage can be edited into breath-taking slow motion footage with the free PC software, PlayMemories Home™, to add a whole new dimension to home movies.

It boasts many pro-style refinements for greater shooting flexibility, including a manual ring and button that can be allocated to functions like zoom, focus and exposure and electronic viewfinder (EVF), allowing the user to easily compose scenes even when recording on sun-filled holidays. For greater control of the edit, advanced users can benefit from Time Code and User Bit options.

Post shooting, instant on-the-spot video playback is made possible with the Handycam's built-in projector (50 lm). To enjoy recorded footage at home, 4K content can be played back on a compatible 4K TV through a supplied HDMI cable or by automatic down conversion of 4K frames in Full HD playback on an HD TV. For beautiful framing, this Handycam® also allows you to playback trimmed 4K images from selected video frames, enlarging or cropping⁸ selected parts of the frame in Full HD quality.

⁷ Available with PlayMemories Home. To create time-lapse movie, ver. 5.1(Windows)/3.1(Mac), scheduled for release in January 2016, or later is required.

⁸ Minimum trimming size is 1920 x 1080.



Handycam® HDR-PJ675

More new ways to capture and share the memories

Sony's Full HD camcorder, **HDR-PJ675**, extends to a generous wide angle of 26.8mm³, meaning beautiful family moments can be captured in any situation. The new model benefits from image stabilisation technologies including advanced Balanced Optical SteadyShot™ with 5-axis Intelligent Active mode, ensuring highly detailed, blur-free footage.

The Handycam® camcorder allows for XAVC S 50Mbps high-bitrate recording⁶ and also features Fast Intelligent AF. With 5.1ch surround microphone performance⁹ and My Voice Canceling, superb sound quality is also guaranteed.

Using Sony's free PlayMemories Home™ PC software, you can organise and edit your footage and also create your personal high-quality time-lapse movies⁷ with Time-lapse Capture for powerful, impactful scenes in 4K using the FDR-AXP55 and HD with the **HDR-PJ675**. In addition, the built-in projector on HDR-PJ675 allows for instant playback of saved videos on large surfaces.

Live broadcasts

To get others involved in the action, all new Handycam® model allows Live Streaming via USTREAM™¹⁰, enabling you to stream HD video footage and sound from Handycam® camcorders through a wireless access point. You can now ensure that no one, no matter how far away, will miss out on those defining moments, no matter where in the world they may be.

Like all of Sony's Handycam® line up, the new models feature the automatic in-cam movie editing function, Highlight Movie Maker¹¹, which picks key moments in your footage like laughter or zoomed in moments and assembles them into short-clips without any need for post-

⁹ Recording in 5.1ch is in AVCHD only.

¹⁰ Requires a Wi-Fi router or smartphone capable of tethering.

¹¹ Available in AVCHD only.

production editing. You can customise with transition effects and soundtrack music and once completed, easily share your MP4 movie on social media sites.

Sony's new Full HD camcorder **HDR-PJ675** is now available at HK\$5,680 (Selling price of Sony Store) with a carrying bag and a rechargeable battery ACC-FV50B (worth HK\$540) for free. The 4K Handycam® **FDR-AXP55** will be launched from mid-March while the price will be announced at a later time.

For customer enquiries, please contact Sony hotline service at (852) 2345-2966.

About Hong Kong Marketing Company

Hong Kong Marketing Company (HKMC), a division of Sony Corporation of Hong Kong Limited, provides sales, marketing and after sales services for Sony's consumer electronics products as well as broadcast and professional products in Hong Kong and Macau. For more information on Sony's products and services, please visit our website at <http://www.sony.com.hk>.

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Specifications of Sony Full HD Handycam® HDR-PJ675 & 4K Handycam® FDR-AXP55:

Model		HDR-PJ675	FDR-AXP55
Image Sensor		1/5.8 type(3.1mm) back-illuminated Exmor R CMOS Sensor	1/2.5 type(7.20mm) back-illuminated Exmor R CMOS Sensor
Processor		BIONZ X™ image processor	
Still Image Effective resolution		9.2 Megapixels (Max)	16.6 Megapixels (Max)
Gross pixels		Approx. 2.51 Megapixels	Approx. 8.57 Megapixels
Effective Picture Resolution		Approx. 2.29 Megapixels (16:9) (Movie)* Approx. 2.29 Megapixels (16:9)/Approx. 1.71 Megapixels(4:3) (Still) (*When "STEADYSHOT" is set to "STANDARD" or "OFF".)	Approx. 8.29 Megapixels (16:9) (Movie)* Approx. 8.29 Megapixels (16:9) /Approx. 6.22 Megapixels (4:3)(Still) (*When "STEADYSHOT" is set to "STANDARD" or "OFF".)
Minimum Illumination		Standard:6 lux(1/25 Shutter Speed) Low Lux:3 lux(1/25 Shutter Speed)	4K:Standard:9 lux(1/50 Shutter Speed) HD:Standard:6 lux(1/50 Shutter Speed) 4K:Low Lux 1.8lux(1/25 Shutter Speed) HD:Low Lux 1.2lux(1/25 Shutter Speed) NightShot:0 lux(1/50 Shutter Speed)
Lens	Type	G Lens	
	Focal Length (Movie Mode) (35mm equivalent)	f=26.8-804.0mm(16:9) *1 f=1 1/16-31 3/4inch(16:9) *1	ZEISS Vario-Sonnar T f=26.8-536.0mm(16:9) *1 f=1 1/16 - 21 1/8 inch *1
	Focal Length (Photo Mode) (35mm equivalent)	f=26.8-804.0mm(16:9),f=32.8-984.0mm(4:3) f=1 1/16-31 3/4inch(16:9),f=1 5/16-38 3/4inch(4:3)	f=26.8-536.0mm(16:9) f=32.8-656.0mm(4:3) f=1 1/16 - 21 1/8 inch (16:9) f=1 5/16 - 25 7/8(4:3)
Aperture		F1.8-F4.0	F2.0-3.8
Zoom		Optical Zoom 30x Digital Zoom 350x Clear Image Zoom 60x *2	Optical Zoom 20x Digital Zoom 250x Clear Image Zoom 4K : 30x HD : 40x
SteadyShot™		Balanced Optical SteadyShot™ with Intelligent Active mode(5-axis)*Not available in XAVC 4K	
Wi-Fi		Send to Smartphone/ Control with Smartphone/ Multi Camera Control/ Live Streaming	
NFC		One-touch remote/One-touch sharing	
Recording Media		Memory Stick Micro and Micro SD/SDHC/SDXC compatible	Memory Stick PRO Duo and SD/SDHC/SDXC compatible
Video Format		AVCHD format ver.2.0 compatible:MPEG4-AVC/H.264 MP4: MPEG-4 AVC/H.264 XAVC S format	XAVC S format:MPEG4-AVC/H.264 AVCHD format ver.2.0 compatible:MPEG4-AVC/H.264 MP4: MPEG-4 AVC/H.264

		MPEG4-AVC/H.264	
Video Mode (Resolution)		AVCHD: 1920x1080/50p(PS),25p(FX,FH),50i(FX, FH), 1440x1080/50i(HQ,LP) MP4: 1280x720 25p XAVC S HD: 1920x1080/50p, 25p	XAVC S 4K : 3840x2160/25p, 24p XAVC S HD : 1920x1080/50p, 25p, 24p AVCHD : 1920x1080/50p(PS),25p(FX,FH),24p(F X,FH),50i(FX,FH), 1440x1080/50i(HQ,LP) MP4: 1280x720 25p
Still Image size	Photo Mode	L:9.2Megapixels 16:9(4032x2272),6.9Megapixels 4:3(3024x2272) S:2.1Megapixels 16:9(1920x1080),0.3Megapixels 4:3(640x480)	L: 16.6 Megapixels 16:9 (5440x3056),12.5 Megapixels 4:3 (4080x3056) M: 8.3 Megapixels 16:9 (3840x2160),6.2 Megapixels 4:3 (2880x2160) S: 2.1 Megapixels 16:9 (1920x1080),0.3 Megapixels 4:3 (640x480)
	Photo Capture from Movie	2.1Megapixels16:9 (1920x1080)	XAVC S 4K: 8.3 Megapixels 16:9 (3840x2160) XAVC S HD: 2.1 Megapixels 16:9 (1920x1080) AVCHD: 2.1 Megapixels 16:9 (1920x1080)
Viewfinder		NA	
LCD Monitor		7.5cm(3.0 type) Clear Photo LCD display (460 800 dots) Wide(16:9)	7.5cm(3.0 type) Xtra Fine LCD display(921 600dots) Wide(16:9)
Microphone /Speaker		Built-in Zoom Microphone / Monoral Speaker	
Auto Wind Noise Reduction		Yes(Off/ON)	
My Voice Canceling		Yes	
Intelligent Auto		Portrait/Baby/Walk/Tripod/Backlight/Landscape/Spotlight/Twilight/Macro/Low light/Auto wind noise reduction	
Direct Copy		Yes	
AF Mode		Auto/Manual(Touch Panel)	Auto/Manual(Touch Panel/Ring)
Scene Selection		Auto/Night Scene/Sunrise & Sunset/Fireworks/Landscape/Portrait/Spotlight/Beach/Snow	
Built-in USB Cable		Yes(USB Charge Available)	NA
Dimensions (WxHxD) (including supplied battery)		Approx.61.5mm x 66.0mm x 121.0mm(approx.61.5mm x 66.0mm x 130.5mm(including supplied battery))	Approx.77mm x 80.5mm x 161mm(Approx.77mm x 80.5mm x 166.5mm(including supplied battery))
Weight(Main unit only)		Approx.325g	Approx.565g
Battery Type		InfoLITHIUM with AccuPower Meter System (V Series) ³	
Interface		Memory Card Slot: Memory Stick Micro and Micro SD/SDHC/SDXC compatible SD Output: Composite Video Out(AV CABLE(sold separately)) USB port: TypeA(built-in)/USB2.0 Hi- speed (mass-storage/MTP) Multi/Micro USB Terminal: Yes BRAVIA Sync PhotoTV HD Headphone Jack -	Memory Card Slot: Memory Stick PRO Duo and SD/SDHC/SDXC compatible SD Output: Composite Video Out(AV CABLE(sold separately)) HD Output: HDMI Out(micro)(supplied) 4K Output: HDMI Out(micro)(supplied) USB Port(s): NA Multi/Micro USB Terminal: Yes BRAVIA Sync PhotoTV HD

	<p>Stereo Minijack Microphone Input - Stereo Minijack Remote Terminal: integrated into Multi/Micro USB Terminal HDMI Terminal: HDMI micro Accessory Shoe: Multi Interface Shoe</p>	<p>Headphone Jack - Stereo Minijack Microphone Input - Stereo Minijack Remote Terminal: integrated into Multi/Micro USB Terminal HDMI Terminal: HDMI micro Accessory Shoe: Multi Interface Shoe</p>
Supplied Accessories	<p>Rechargeable Battery Pack(NP-FV50) (1) AC Adaptor (1) Operating Guide(1) HDMI(micro) Cable (1) USB Connection Support Cable (1)</p>	<p>Rechargeable Battery Pack(NP-FV70) (1) AC Adaptor (1) Power Cord (1) Operating Guide(1) HDMI(micro) Cable (1) micro USB Cable (1)</p>

1* When "SteadyShot" is set to "Standard" or "Off".

2* When "SteadyShot" is set to "Active" or "Intelligent Active".

3* Except for NP-FV30