

SONY



PMW-PZ1

4K Memory Player

4K **XAVC** **SxS**



Affordable 4K Memory Player Delivers New Levels of Convenience

Rapid growth in the 4K shooting and editing environment has required many production companies to make new investments in high-performance computing capabilities. Fortunately, for 4K clip playback, there's an extremely affordable solution: Sony proudly introduces the easy-to-use, high-quality PMW-PZ1 4K memory player.

The PMW-PZ1 is equipped with an SxS card slot, HDMI output, 3G/HD-SDI outputs (x4), analog audio output, 3.5-inch QHD LCD and more. This combination of versatile interfaces enables the seamless playback, copying and monitoring of 4K and HD video across a diverse range of applications not only for video production but also for development of 4K equipment and 4K video walls at events, exhibitions, museums and other venues.

Multi-format Capability

Easy playback capabilities from 4K (24p to 60p) to HD ensure that professional users and consumers alike find this player convenient and simple to use. The PMW-PZ1 supports a wide variety of file formats – XAVC Intra, XAVC Long, XAVC S^{*1}, MPEG HD422^{*1} and MPEG HD (420)^{*1}. Multi-format support allows you to play clips without having to make additional file system and frame rate adjustments.

^{*1} Requires a firmware upgrade (planned for Q3 2015).

Simple Copy and Backup

The PMW-PZ1 is equipped with a USB interface for connection to an external storage device. This enables you to copy data in SxS directly to external storage without employing any other device. The PMW-PZ1 will create a copy log^{*2} (csv) in external storage that helps you to easily check the file name of copied files. For greater accuracy and to avoid any copy errors, you can activate the verify function before copying.

^{*2} Requires a firmware upgrade (planned for Q3 2015).

Versatile Interface

Connectivity and interoperability with other devices are vital for any memory player, enabling quick and easy operation. The PMW-PZ1 meets this need with a host of versatile input and output interfaces, including an HDMI port and four 3G/HD-SDI outputs. Through the HDMI port, the PMW-PZ1 can be connected to professional monitors and projectors, and even consumer TVs, for the most flexible operation under various production circumstances. An independent audio output is also available on the player. The player is equipped with two USB interfaces – one for connection to external USB storage, and the other to a mouse device from which you can control the PMW-PZ1. Not only does this enable you to copy data, but it also allows you to play stored clip data from the external USB storage device.



Memory Camcorder



Non-Linear Editor



SxS Series / High Speed External Storage



For Venue



Easy 4K and HD output to digital signage or a projector. External storage data can also be played.



PMW-PZ1

For Production / Post-Production



Export edited 4K data to SxS or external USB storage for preview. This player can also be used to copy edited data for delivery. Use an HDMI connection for consumer TV playback.

For Location



Recorded 4K images (for example, by the F55/FS7) can be easily and immediately checked on location using the PMW-PZ1.

Specifications

		PMW-PZ1								
General										
Power Requirements		DC 11 - 19.5 V								
Power Consumption		Approx. 30 W (4K XAVC Intra 60p Playback) Approx. 35 W (Copy from SxS card to external USB Storage)								
Operating Temperature		5°C to 40°C (41°F to 104°F)								
Storage Temperature		-20°C to +55°C (-4°F to + 131°F)								
Mass		Approx. 2.3 kg								
Dimensions (W x H x D) *1		212 x 84 x 200 mm								
Playback Format *2		Format		File System	Extension	Pixel		Frame rate	VBR/CBR	Audio
		4K	XAVC Intra	SxS, XQD: exFAT External Storage: exFAT, NTFS	.MXF	4096 x 2160		59.94P/50P/29.97P/25P/23.98P	VBR/CBR	Linear PCM 24bit 48kHz (Output Max 6ch)
		QFHD	XAVC Intra			3840 x 2160		59.94P/50P/29.97P/25P/23.98P		
			XAVC Long			3840 x 2160		59.94P/50P/29.97P/25P/23.98P		
		HD	XAVC Intra			1920 x 1080		59.94P/50P/29.97P/25P/23.98P		
			XAVC Long			1920 x 1080		59.94P/50P/29.97P/25P/23.98P		
Media Drive										
Media Type		SxS Memory Card (ExpressCard/34) slot (1)								
Input/Output										
3G/HD-SDI Monitor Output		BNC (4), 3G-SDI/HD-SDI, 4K/QFHD: 2-Sample Interleave output SMPTE 424, 425 (Level A/B) / SMPTE 292M standards								
HDMI 4K/HD Output		Type A 19-pin (1), output, up to 4K 60P 4:2:0 8bit								
Analog Audio Output		RCA jack (L,R) -17dBu (Reference Level)								
Headphone Output		Stereo mini jack (1)								
Mouse		for USB Mouse (1) *3								
External Storage		for USB3.0 external storage (1) *4								
DC Input		DC jack (11 V - 19.5 V)								
Other Equipment										
Display		3.5-inch type color LCD monitor: 960 (H) x 3 (RGB) x 540 (V), 16:9								
Supplied Accessories										
		AC Adaptor 19.5 V (1) without AC cable, XLR (4pin) to DC conversion cable (1), Leaflet: Before Using this Unit (1), Leaflet: Catalyst browse information (1), CD-ROM: Operating instructions in PDF (1)								

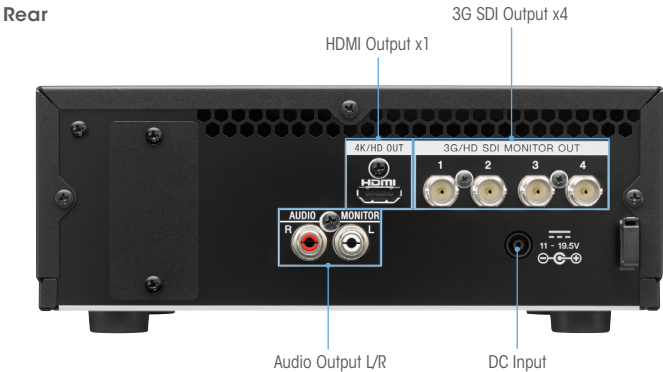
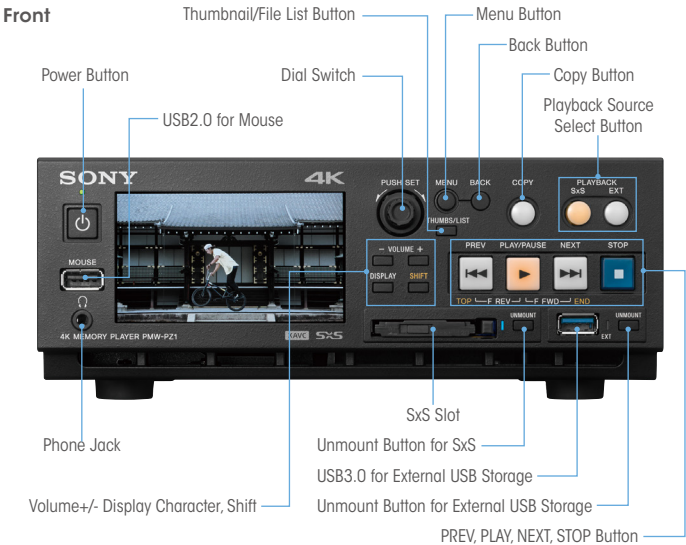
*1 The values for dimensions are approximate.

*2 [exFAT] XAVC-S (QFHD, HD)
[exFAT, FAT, UDF] MPEG422, 420 (HD)
These formats: Requires firmware upgrade (planned for 3Q 2015)

*3 Mouse which requires driver installation cannot be supported by the PMW-PZ1.

*4 Contact your dealer for latest information about operability confirmed storage media.

Interfaces



Optional Accessories



*1: Please use appropriate media depending on bit rate of the data.
*2: Please use dedicated USB adaptor for XQD G Series

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