SONY

Professional RAID

4TB/6TB/8TB/12TB ultra-fast portable RAID storage

Overview

Shock-resistant RAID for quicker transfer of large-sized 4K video files in the field

The PSZ-RA series is an ultra-fast portable RAID storage unit that greatly reduces transfer times and contributes to an efficient 4K workflow. Transfer speeds of up to 440MB/s, reducing the transfer times of 4K video files to one third current transfer times*. The robust and shock-resistance design with built-in handle ensures safe and reliable storage in the field. The unit provides both USB 3.1 Gen 1 and Thunderbolt 2 connections support both PC Windows and Mac operations.

* Based on Sony internal testing and transferring times may vary dependent on test conditions.

Large-capacity model

Up to 12TB storage, enough for transferring all video files for one-day shooting in the field.

Shock-resistance and reliability for safe and easy portability in the field

Internal and external damper function protects the RAID storage in the field.

NOTE: Sony cannot guarantee against damage to recorded data or the exterior case in all situations and conditions.

Ultra-fast transfer speeds for 4K content

Transfer speeds of up to 440MB/s (up to 360MB/s with 8TB/12TB) greatly reduces transfer times and contributes to an efficient 4K workflow. Approx. 50 minutes to transfer a 1TB file*
*Based on Sony internal testing; speed may vary upon measurement condition.

Convenient connectivity supporting both USB 3.1 Gen 1 and Thunderbolt 2

Supports Windows and Mac PC, compatible with 1x USB 3.1 Gen 1 and 2x Thundebolt 2 ports, and supports a Thunderbolt daisy chain up to 6 units.

Convenient media management features

Memory Media Utility dedicated PC software for Sony memory media products (available from download) provides enhanced media management.

Features

Shock-resistance and reliability for safe and easy portability in the field
Internal and external damper function protects the RAID storage in the field. Shock-resistance of MIL 20G/11ms (in operating mode), 50Gms/11ms (in non-operating mode).* The unit offers good vibration resistance for operating in a running car, realized with rubber dampers. A built-in handle provides easy portability.

* Based on Sony testing according to MIL-STD-810F, Method 516.5.

NOTE: Sony cannot guarantee against damage to recorded data or the exterior case in all situations and conditions.

Large-capacity model
Our large capacity Professional RAID line up is designed to provide content creators and film makers with up to 12TB of storage to support multiple day and large event shooting with multiple cameras in the field, including 4K video.

By adding 8TB and 12TB to the existing 4TB and 6TB options Sony now provides the options you need to ensure you can store and edit your footage while spending longer in the field, all with the reliability you can expect from Sony.

Ultra-fast transfer speeds for 4K content
Transfer speeds of up to 440MB/s (up to 360MB/s* with 8TB/12TB) greatly reduces transfer times and contributes to an efficient 4K workflow. When transferring video files total up to 1TB, 150 minutes reduces to 50 minutes*, one third of current transfer time* using with SxS PRO+ memory card (SBP-256D) , SxS Reader Writer (SBAC-US30) and PSZ-RA6T.
* Based on Sony internal testing and transferring time may vary dependent on test conditions.

Convenient connectivity supporting both USB 3.1 Gen 1 and Thunderbolt 2
Supports Windows and Mac PC, compatible with 1x USB 3.1 Gen 1 and 2x Thundebolt 2 ports, and supports a Thunderbolt daisy chain up to 6 units.

Provides convenient features for media management
Memory Media Utility*, dedicated PC software for Sony memory media products, provides enhanced media management. Memory Media Utility gives you the tools you need to obtain important device information - such as remaining capacity, file system and RAID mode. In addition, disk status information can be obtained to allow the optimum disk replacement time to be determined and the available disk reformat facilities will allow rapid data-cleansing, before disk re-use.
*Please go to the Resources section of this page for more detailed information and to download.

Supports several RAID modes
Hardware RAID0, RAID1, or JBOD all supported.

Works with SxS PRO+ D Series memory cards
The RAID storage unit works with the large-capacity SxS PRO+ D Series memory cards providing users with a high-speed data transfer solution.

Tough carrying case
The unit is provided with a tough, easy-to-carry carton box that protects the product against damage during transporting.

Specifications

General	
Capacity	4TB/6TB/8TB/12TB*1
HDD Size/Rotational speed	2 x 3.5 inch/7,200rpm hard drives
I/F	1 x USB 3.1 Gen 1 port, 2 x Thunderbolt 2 ports
RAID	Preconfigured RAID 0, Hardware RAID 0 / 1 / JBOD
Transfer speed	Read/Write: Up to 440MB/s*2 (up to 360MB/s* with 8TB/12TB) in RAID 0 mode

General

Power source	AC – DC adapter (VGP-AC19V77), Input: AC 100 V - 240 V, 50Hz/60Hz, Output: DC 19.5 V/3.3 A (Max.)
File system (Factory default)	exFAT
Operating temperature	5 °C to 40 °C
Operating humidity	8 % to 90 % (no condensation)
Storage temperature	-20 °C to +60 °C
Storage humidity	8 % to 90 % (no condensation)
Shock resistance*3	MIL 20G/11ms (in operating mode), 50G/11ms (in non-operating mode) *4
Supplied application (by free download)	Memory Media Utility
Size (W x H x L) & Weight	Approx. 156 x 100 x 241 mm (without protrusions) / 2.9kg
OS	Use with both Mac & Win*5
Warranty	3 years
Included items	Professional RAID (1) USB cable (1) Thunderbolt cable (1) AC adapter (1) Power cord*6 (1) Label (1) Quick Start Guide (1) Important Information (1) Warranty card (1)

Notes

Note	*1. Capacity is based on 1 GB = 1 billion bytes. A portion of the memory is used for system files and may vary. *2. Based on Sony internal testing; speed may vary upon measurement condition. *3. Sony cannot guarantee against damage to recorded data or the exterior case in all situations and conditions. Do not deliberately drop it or subject it to impact. *4. Based on Sony testing according to MIL-STD-810F, Method 516.5. *5. Supported OS is as below. Windows 7 (SP1), Windows 8.1, Windows 10 Mac OS X 10.8.5, OS X 10.9, OS X 10.10, OS X 10.11, macOS 10.12, macOS 10.13 *6. Multiple power cords may be supplied. Use the appropriate one that matches your country/region.

Gallery

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