

G Series

480GB/960GB G Series



Overview

Highly durable, long-lifetime SSD for 4K and HD professional video recordings

480GB/960GB G Series provides reliable, high-speed, high capacity memory able to handle the high bitrates of 4K recordings for video recording devices on even the most demanding productions. The SV-GS96 provides 960GB capacity and the SV-GS48 provides 480GB. The professional SSD utilizes Sony's unique advanced error correction technology to radically extend the life-time of the unit, up to 2400TBW (Terabytes Written). This means the 960GB model can be used for 10 years even if it is fully written with data five times a week. The unit is further protected by Sony's original data protection technology to ensure less data loss even if there is a sudden power loss while shooting. The professional SSD also has a durable connector for additional security in harsh conditions.

Highly durable, long-lifetime professional SSD, reduces Total Cost of Ownership

Sony's unique advanced error correction technology offers long-lifetime up to 2400TBW (Terabytes Written), equivalent to fully writing data on an 960GB drive five times a week for 10 years.

Stable, ultra-fast data writing speed ideal for higher bit rate 4K video recordings

Sony's intelligent Garbage Collection function ensures stable

recordings of high bit rate 4K video without frame dropping.

High reliability with data protection technology to protect against sudden power failure

Sony's original data protection technology protects data even if a sudden power failure occurs while shooting.

Durable connector for professional use

A durable connector protects against harsh shooting conditions.

960GB and 480GB SSD options

The SV-GS96 provides 960GB capacity and the SV-GS48 provides 480GB.

Features

480GB/960GB capacity professional SSD for 4K and HD recordings

480GB/960GB G Series provides reliable, high-speed, high capacity memory able to handle the high bit rates of 4K recordings for video recording devices on even the most demanding productions. The SV-GS96 provides 960GB capacity and the SV-GS48 provides 480GB.

Highly durable, long-lifetime up to 2400TBW for reducing Total Cost of Ownership

Sony's unique, advanced ECC (Error Correction Code) technology increases total Terabytes Written (TBW), which leads to a longer lifetime. Up to a total 2400TB of data can be written before the SSD reaches its limitation of write cycles. This means the 960GB model can be used for 10 years even if it is fully written with data five times a week. This longer lifetime contributes to extended replacement cycles of SSD and reduces TCO (Total Cost of Ownership).

Stable, ultra-fast data writing speed ideal for higher bit rate 4K video recordings

Sony's intelligent Garbage collection function prevents a sudden

decrease in write speeds for a longer time. This function ensures stable recordings of high bit rate 4K video without frame dropping.

High reliability with data protection technology to protect against sudden power failure

Sony’s original data protection technology protects data even if a sudden power failure occurs during video shooting. It ensures that data is less damaged or lost if there is a sudden power shutoff while writing data onto the SSD.

Durable connector for professionals use

G Series has a durable connector that has passed the severe test of repeat insertion/removal 3000 times*, compared to six times for SATA standard. This gives professionals additional security when working in harsh conditions.

* Based on Sony internal testing. Actual performance may vary. Based on environmental conditions and usage.

Specifications

General	
Form Factor	2.5inch SSD
Capacity	SV-GS48: 480GB, SV-GS96: 960GB
Interface	SATA III
Transfer Speed	Read: 550MB/s * Write: 500MB/s *
File System	Default uninitialized
Operating	

Temperature	0°C to 70°C
Storage Temperature	-40°C to 85°C
Terabytes Written	2,400TBW**
Supports OS	Windows 7, 8.1, 10, Mac OS v. 10.9, 10.10, 10.11, 10.12
Dimension	100 (W) x 69.85 (L) x 9.5 (H) mm
Weight	SV-GS48: 54g, SV-GS96: 58g
Warranty	10 years***

Notes

* Based on Sony internal testing. Transfer seeds may vary dependent on testing conditions.

** Sony's testing based on testing methods specified in JEDEC standard JESD218B (Solid State Drive [SSD] Requirements and Endurance Test Method).

The shorter of 10 years from the date of original purchase or until the product reaches its total lifetime write capacity (Terabytes

Written). To check the Terabytes Written, use a S.M.A.R.T software. The operation is confirmed by Sony using 'CrystalDiskInfo' 7.0.5 (<http://crystalmark.info/?lang=en>) and ATOMOS Docking Station 'ATOMDCK003' with computer.

Gallery

