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Sony Xperia 1 V

Sony Xperia 1 V User Manual

Model: XQDQ62/B

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Sony Xperia 1 V smartphone. Please read this manual thoroughly to ensure proper use and to maximize the device's capabilities.





The Sony Xperia 1 V smartphone, presented from an angled view showcasing both its front display and the textured back panel with its advanced camera system.

WHAT'S IN THE BOX

Verify that all items are present in the product packaging:

- Data Cable
- SIM Tray Ejector

SETUP

Inserting SIM Card and Memory Card

The Xperia 1 V supports dual SIM functionality or a single SIM with expandable memory via a microSD card. The second SIM slot is shared with the microSD card slot, meaning you can use either two SIM cards or one SIM card and one microSD card simultaneously.

1. Locate the SIM/microSD card tray on the side of the device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and gently push until the tray pops out.
3. Place your Nano SIM card(s) and/or microSD card into the designated slots on the tray, ensuring correct orientation.
4. Carefully push the tray back into the device until it clicks into place.

Initial Power On and Setup

To power on your device for the first time, press and hold the power button located on the side until the Sony logo appears. Follow the on-screen prompts to complete the initial setup, which includes selecting your language, connecting to a Wi-Fi network, and setting up your Google account.

Charging the Device

Before first use, it is recommended to fully charge the device. Connect the provided data cable to the USB-C port at the bottom of the phone and the other end to a compatible USB power adapter (sold separately). The Xperia 1 V supports fast charging and convenient wireless charging.





The Sony Xperia 1 V smartphone resting on a surface, highlighting its sleek side profile and the USB-C charging port at the bottom.

5000mAh



Powerful battery and fast charging

The Xperia 1 V is equipped with a 5,000mAh battery, providing plenty of power to get you through the day. For example, you can enjoy up to 20 hours of video playback* - and if your battery needs a boost, you can fast charge up to 50% in just 30 minutes with the optional charger XQZ-UC1.

*Actual performance varies based on settings, environmental conditions, storage, and usage. Batteries are consumable products and their capacity degrades over time as they age. Sony does not guarantee the life span of the battery.

The Sony Xperia 1 V supports convenient wireless charging, allowing you to power up the battery by simply placing it on a Qi certified wireless charger. It also features battery share, enabling the phone to act as a wireless charging pad for other compatible devices like earbuds.

OPERATING THE DEVICE

Overview of Controls and Ports

- **Power Button/Fingerprint Sensor:** Located on the side, used to power on/off the device and unlock it with your fingerprint.
- **Volume Buttons:** Adjust media volume and ringtone volume.
- **Dedicated Shutter Button:** A physical button for quick camera access and photo capture.
- **USB-C Port:** For charging, data transfer, and connecting accessories.
- **3.5mm Audio Jack:** For wired headphones, offering high-fidelity sound quality.





A detailed side view of the Sony Xperia 1 V, highlighting the placement of its physical buttons including the power button with integrated fingerprint sensor, volume rocker, and the dedicated camera shutter button.





The top and bottom edges of the Sony Xperia 1 V, illustrating the 3.5mm audio jack for wired listening and the versatile USB-C port for charging and data transfer.

Display Features

The Xperia 1 V features a 6.5-inch 4K HDR OLED display with a 120Hz refresh rate. This display provides immersive viewing for movies and other content, enhanced by Bravia HDR remaster technology and the X1 for mobile engine for improved contrast, color, and clarity.



Record music and Podcasts like a pro

Whether you're in a quiet place or a room with reverberation, Music Pro on Xperia 1 V lets you record vocal sounds easily without any external microphone. You can also work with an acoustic guitar or piano, extending your musical options.*

*Music Pro is a service for recording your music without any external equipment, and features recording, editing and studio tuning. The Studio tuning is applicable only for vocal. Music recording, editing and trial of Studio tuning (up to 100MB within 1 month) are free of charge. Studio tuning requires a paid subscription that costs \$4.99 (USD) per month. The costs for monthly subscription and availability may differ depending on market. Maximum recording time is 10 minutes.



The Sony Xperia 1 V's 4K HDR OLED 120Hz Refresh rate display offers an immersive viewing experience, bringing movies and TV to life with enhanced contrast, color, and clarity.

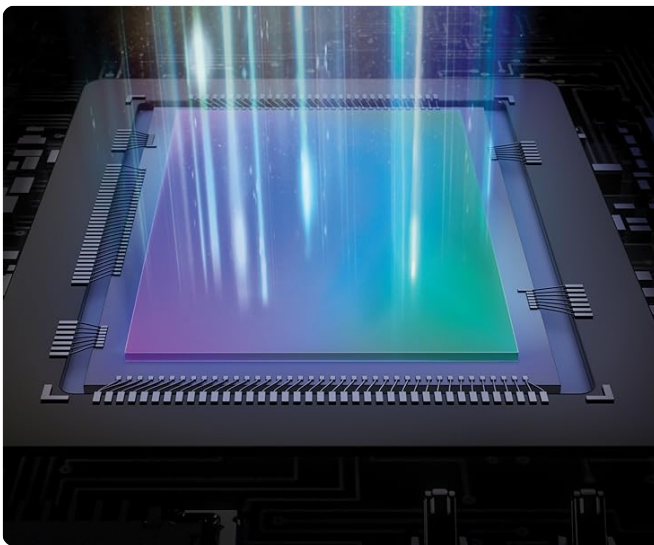
Camera System

The Xperia 1 V is equipped with a sophisticated camera system, featuring a next-generation Exmor T for mobile sensor and advanced computational processing for exceptional image quality.

- **Low-Light Performance:** Capture stunning photos even in challenging low-light conditions with reduced noise and wider dynamic range.
- **True Optical Zoom:** The 85mm-125mm optical zoom lens provides images free of digital degradation, ideal for portraits with natural bokeh.
- **Optical SteadyShot:** Achieve smooth, shake-free video footage thanks to advanced optical image stabilization.
- **Live Streaming:** Utilize the External monitor feature with a 5G connection to stream live content from your Alpha camera.
- **Clear Audio Recording:** Features a voice priority microphone and an intelligent wind filter for clear speech recording, even with background noise.
- **Enhanced External Monitor Functions:** Professional monitoring features like Peaking, Zebra Pattern, and backup recording are available.
- **Music Pro:** Record high-quality vocal sounds without external equipment, and extend your musical options with acoustic guitar or piano.



The Sony Xperia 1 V features a next-generation sensor and computational processing for advanced imaging capabilities.



Next-generation sensor captures more light than ever

Developed by Sony, the all-new Exmor T for mobile sensor on the Xperia 1 V, together with AI processing, contributes to image quality that's twice as good as its predecessor in low light^{1,2}. It also enables exceptional color expression.

The Xperia 1 V captures amazing shots even in dark scenes, utilizing computational processing to reduce noise and enhance dynamic range, revealing details barely visible to the naked eye.



Capture amazing shots even in dark scenes

Using the latest computational processing to reduce noise and enhance dynamic range, this feature lets you capture bright images even in dark scenes where details are barely visible to the naked eye.

The Xperia 1 V features a true optical zoom lens (85mm-125mm) that provides images without degradation, combined with optical stabilization and Real-time Eye AF for excellent portraits.



True optical zoom lens with no image degradation

With true 85-125mm optical zoom, the Xperia 1 V offers images free of digital degradation between 85mm-125mm. Combined with optical stabilization and Real-time Eye AF and tracking*, it's ideal for portraits with optical bokeh.

* Accuracy of the feature may vary according to environmental circumstances and settings. Some performance restrictions may apply.

The Xperia 1 V's Optical SteadyShot with FlawlessEye™ ensures supremely smooth, shake-free video footage.



Shoot shake-free video

The Xperia 1 V features Optical SteadyShot™ with FlawlessEye™* which couples the image sensor's increased reading speed with Sony's original algorithm for optical image stabilization. The result is supremely smooth, shake-free video footage.

* This feature is available for the 24mm lens and 85-125mm lens.

Easy live streaming is possible with your Alpha camera by using the Xperia 1 V as an external monitor with a 5G connection.

Easy live streaming with you Alpha camera

You can use the External monitor feature on your Xperia 1 V and a 5G connection* to stream live YouTube or RTPM from your Alpha camera.**

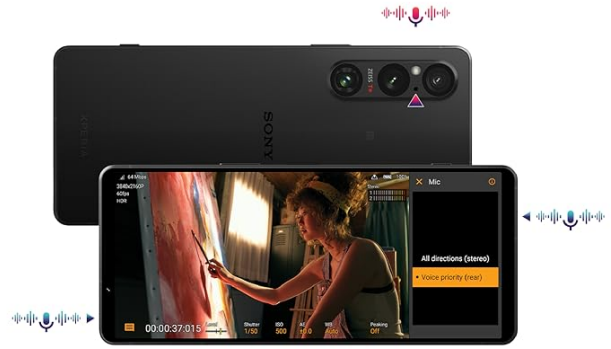
*5G dependent on market availability, compatible equipment and network.
**Please use this feature by following the terms of use and the requirements related to live streaming determined by the live streaming service you use. Depending on the live streaming service you use, the conditions and specifications for live streaming may be added to or changed unexpectedly. Live streaming restrictions may apply. Endurance mode raises heat mitigation level, which may cause the device to become hot. Camera endurance mode only works connected to Bluetooth shooting grip GP-VPT2BT or Remote Commander RMT-P1BT (sold separately and availability may vary).



Record speech more clearly with the Xperia 1 V's extra Voice priority microphone and industry-leading Intelligent wind filter technology.

Record speech more clearly

Along with stereo microphones for recording surrounding sound, the Xperia 1 V has an extra Voice priority microphone, enabling you to record speech clearly while other sounds remain in the background. It also features the Intelligent wind filter, our industry leading audio separation technology to filter wind noise.



The Xperia 1 V offers enhanced external monitor functions, including Peaking, Zebra Pattern, and backup recording, making its functionality comparable to professional monitors.

Enhanced external monitor functions*

Now with enhance features such as Peaking, Zebra Pattern, and backup recording, Xperia's External monitor functionality is on par with many professional monitors.

*Alpha camera compatibility may vary.



Music Pro on Xperia 1 V allows you to record vocal sounds easily without any external microphone, extending your musical options for professional-quality music and podcasts.

Audio Experience

Enjoy clear and powerful sound from the built-in stereo speakers, which improve the breadth and depth of sound. The 3.5mm audio jack allows for a high-fidelity wired listening experience.



Immerse yourself in a 4K HDR OLED display

With its 4K HDR OLED 120Hz Refresh rate* display and no notches to interrupt your view on the 6.5" 21:9 Wide screen, the Xperia 1 V lets you lose yourself in movies and TV. Using Bravia HDR remaster technology, the X1™ for mobile engine lets you enjoy more contrast, color, and clarity, even on streaming content.



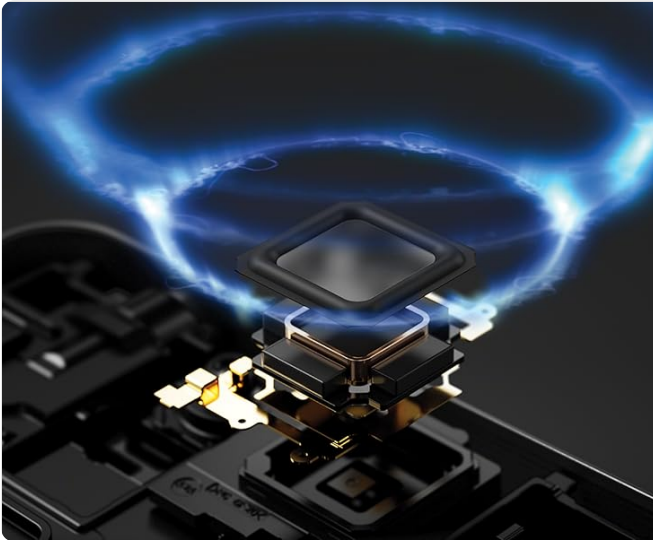
OLED



*Display ratios may vary based on content formatting. Display refresh rate may vary according to settings, contents and applications used.

The Xperia 1 V's advanced high-power speaker amplifier delivers clear, powerful sound from its built-in stereo speakers, enhancing

both movies and music.



Clear, powerful sound from built-in stereo speakers

The Xperia 1 V's advanced high-power speaker amplifier improves the breadth and depth of sound, as well as the extension of low and high frequencies, realizing more dynamic and clear sound. So you can enjoy movies and music without the need for dedicated external speakers.

The Xperia 1 V includes a 3.5mm audio jack, engineered with high-grade materials for a high-fidelity wired listening experience.

Gaming Features

The Xperia 1 V is designed for an enhanced gaming experience with features like a 240Hz Touch scanning rate for precise control and a customizable Game enhancer.

- **Accuracy:** The 240Hz Touch scanning rate ensures actions happen exactly as intended, with Fast Touch response recognizing your touch at the precise moment.
- **Game Enhancer:** Customizable features and settings give you a competitive edge.
- **Live Stream & Record:** Useful features for customizing your stream, chatting with viewers, and more.



3.5mm audio jack for wired listening experience

Engineered using high-grade materials and electronic components, the Xperia 1 V's 3.5mm audio jack lets you enjoy high fidelity sound quality.

For precision control, the Xperia 1 V supports a 240Hz Touch scanning rate, ensuring that actions happen exactly as intended with Fast Touch response.

Accuracy is everything

For precision control, the Xperia 1 V supports a 240Hz Touch scanning rate, meaning the action happens exactly as you intended. With Fast Touch response, the system recognizes your touch at the precise moment you apply it.



The Game enhancer gives you the edge with customizable features and settings, providing a vital advantage over the competition.

Game enhancer gives you the edge

With customizable features and settings, Game enhancer gives you a vital edge over the competition.



The Xperia 1 V offers a range of useful features designed to allow you to customize your stream, chat with viewers, and more for live streaming and recording gameplay.

Performance and Battery

Powered by the Snapdragon® 8 Gen 2 Mobile platform, the Xperia 1 V offers significant performance improvements and efficient power management.

- **Powerful Processor:** CPU performance is 35% faster than the previous generation, with GPU up to 25% faster and 45% better power efficiency.
- **Long-lasting Battery:** Equipped with a 5,000mAh battery, providing up to 20 hours of video playback.
- **Fast Charging:** Fast charge up to 50% in just 30 minutes with the optional XQZ-UC1 charger.
- **Wireless Charging & Battery Share:** Conveniently charge wirelessly and use the phone as a wireless charging pad for other devices.
- **Thermal Management:** Expanded heat diffusion sheets improve heat dissipation by approximately 60%, allowing for longer use without overheating.

Live stream & Record

A range of useful features designed to allow you to customize your stream, chat with viewers, and more.



The Sony Xperia 1 V is powered by the Snapdragon® 8 Gen 2 Mobile platform, setting a new standard for connected computing with significantly faster CPU and GPU performance and improved power efficiency.



Powered for your everyday needs

The Snapdragon® 8 Gen 2 Mobile platform sets a new standard for connected computing. CPU performance is 35% faster than the previous generation, with 40% power savings, while GPU is up to 25% faster with 45% better power efficiency.

The Xperia 1 V is equipped with a powerful 5,000mAh battery, providing plenty of power for extended use, including up to 20 hours of video playback, and supports fast charging to 50% in just 30 minutes.



Convenient wireless charging + battery share

No more tangled cables - just place the Xperia 1 V on a Qi certified optional wireless charger* to power up the battery. You can also use the Xperia 1 V as wireless charging pad to top off your other devices.

*Wireless charger sold separately, and compatibility may vary.

The Xperia 1 V features significant power management and consumption improvements, with heat diffusion sheets expanded by approximately 60% for enhanced thermal management, allowing for longer use without performance impairment due to overheating.

Durability and Design

The Xperia 1 V combines aesthetic appeal with functional design, built to withstand daily use.

- **Tactile Design:** Stylish matte finish with textured surfaces on the sides and back for improved grip. Features a shutter button and V-shaped grooves for enhanced handling.
- **Water and Dust Resistance:** IP65/68 rating provides protection against water and dust, allowing you to use it in various environments.
- **Enhanced Protection:** Features Corning® Gorilla® Glass Victus® 2 on the front for high scratch resistance and improved drop performance. The back features Gorilla® Glass Victus® with a special texture and frosted glass finish for fingerprint and scratch resistance.



Thermal management

Compared to its predecessor, the Xperia 1 V offers significant power management and consumption improvements. The volume of heat diffusion sheets has been expanded by approximately 60%, improving heat dissipation. So you can use your phone longer without worrying about overheating impairing performance.

The Xperia 1 V features a functional, tactile design with a stylish matte finish, textured surfaces for grip, a dedicated shutter button, and V-shaped grooves carved into the metal frame.

Functional, tactile design

Stylish matte finish, the materials used on the Xperia 1 V combine for aesthetic appeal. Functional design elements also includes a shutter button for easy shooting, along with the V-shaped grooves carved into the phone's metal frame to maximize grip.



The Xperia 1 V features IP65/68 water resistance and dust protection, allowing you to take it anywhere and everywhere with peace of mind.

Take it anywhere and everywhere

For peace of minds, especially when you're out and about, the Xperia 1 V features IP65/68 water resistance and dust protection.*

*This device is water resistant and protected against dust. All ports and attached covers should be firmly closed. Do not put the device completely underwater or expose it to seawater, salt water, chlorinated water or liquids such as drinks. Abuse and improper use of device will invalidate the limited warranty. The device has been tested under Ingress Protection rating IP65/68. Sony devices that are tested for their water-resistant abilities are placed gently inside a container filled with tap water and lowered to a depth of 1.5 meters. After 30 minutes in the container, the device is gently taken out and its functions and features are tested. Note this model has a capless USB port to connect and charge. The USB port needs to be completely dry before charging.



The Xperia 1 V uses Corning® Gorilla® Glass Victus® 2 on the front for high scratch resistance and improved drop performance, while the back features Gorilla® Glass Victus® with a special texture and frosted glass finish for resistance to fingerprints and surface scratches.

MAINTENANCE

Cleaning Your Device

To maintain the appearance and functionality of your Xperia 1 V, regularly clean it with a soft, lint-free cloth. Avoid using abrasive cleaners, solvents, or aerosol sprays. For the screen, use a screen cleaner specifically designed for electronic displays.

Software Updates

Sony regularly releases software updates to improve performance, add new features, and enhance security. It is recommended to keep your device's software up to date. You can check for updates in the device settings under 'System' > 'System update'.

TROUBLESHOOTING

This section addresses common issues you might encounter with your Xperia 1 V.

- **Device not turning on:** Ensure the battery is charged. Connect the device to a charger for at least 30 minutes. If it still doesn't turn on, try a forced restart by holding the power button and volume up button simultaneously for about 10 seconds.
- **Poor Wi-Fi/Cellular connection:** Check if Wi-Fi or mobile data is enabled. Try restarting your router or moving to an area with better signal. For cellular issues, ensure your SIM card is properly inserted and contact your carrier if problems persist.
- **Camera not working:** Close and reopen the camera app. Ensure there are no physical obstructions on the camera lenses. Check app permissions for the camera in settings.
- **Apps crashing or freezing:** Try clearing the cache for the problematic app in settings (Apps > [App Name] > Storage > Clear cache). If the issue continues, try reinstalling the app.
- **Overheating:** While the Xperia 1 V has improved thermal management, prolonged heavy use (e.g., gaming, 4K video recording) can still cause warmth. Close background apps, reduce screen brightness, or take a break from intensive tasks.

For more detailed troubleshooting, refer to the official Sony support website or the comprehensive user manual available in PDF format.

SPECIFICATIONS

Key technical specifications for the Sony Xperia 1 V:

Feature	Specification
Model Name	Xperia 1 V
Item model number	XQDQ62/B
Product Dimensions	6.5 x 2.8 x 0.03 inches
Item Weight	6.6 ounces
Color	Black
Operating System	Android 12.0
RAM	12 GB
Memory Storage Capacity	256 GB
CPU Model	Snapdragon
CPU Speed	3.36 GHz
Standing screen display size	6.5 Inches
Resolution	3840 x 2160
Refresh Rate	120 Hz
Battery Capacity	5000 mAh
Phone Talk Time	15 Hours
Connectivity technologies	Bluetooth, USB, Wi-Fi
Special features	Dual SIM, Expandable Memory, Fingerprint Sensor, Reverse Wireless Charging, Stereo Speakers
Audio Jack	3.5mm headphone jack
Water/Dust Resistance	IP65/68

WARRANTY AND SUPPORT

The Sony Xperia 1 V comes with an official U.S. warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Sony support website.

For further assistance, product registration, or to download the full user manual in PDF format, please visit the official Sony support resources:

- **Sony Store on Amazon:** [Visit the Sony Store](#)
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