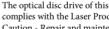




The optical disc drive of this equipment is classified as a CLASS I LASER PRODUCT and complies with the Laser Product Safety Standard IEC/EN60825-1 (2007). Caution - Repair and maintenance of this equipment should be made only by Sony authorised technicians. Improper repairs and use can create safety hazards. Caution - Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. You can find the following sticker on the bottom of the equipment.



The optical disc drive of this equipment is classified as a CLASS I LASER PRODUCT and complies with the Laser Products Safety Standard IEC/EN 60825-1. Caution - Repair and maintenance of this equipment should be made only by Sony authorised technicians. Improper use and repairs can create a safety hazard. Caution - Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. For incorporated optical disc drive Caution - Class 3B visible and invisible laser radiation when open. Avoid direct exposure to the beam.

- Maximum power: 390 mW (A 650nm), 563 mW (A 780nm), 39 mW (A 405nm)
- Beam divergence: 0.6 (A 650nm), 0.45 (A 780nm), 0.85 (A 405nm)
- Pulse duration: Continuous wave

Operating Instructions / Инструкции за експлоатация /

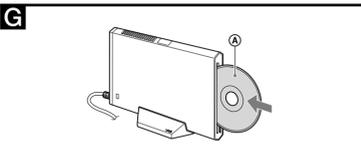
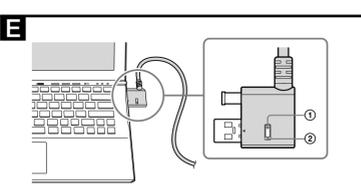
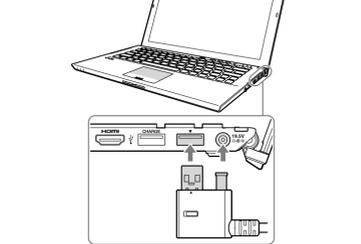
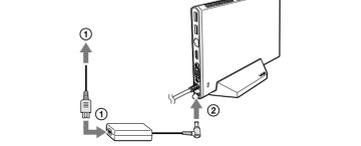
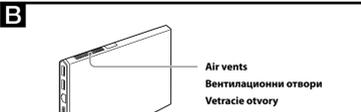
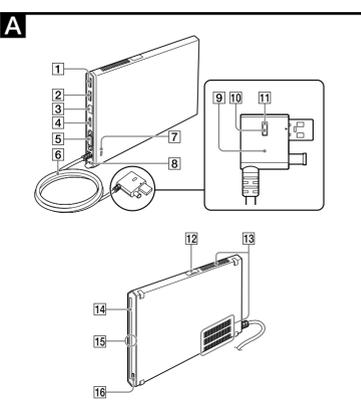
Návod na používanie / Инструкція з експлуатації /

Инструкция по эксплуатации / Жұмыс істеу нұсқаулығы

Before using the docking station, please read this manual thoroughly and retain it for future reference. See also the manuals provided with your computer for more information about connecting the docking station. The Sony VGP-PRZ20 series is the docking station designed for Sony personal computers. However, it may not be used with some models.



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Note on use

- Use only the AC adapter (VGP-AC19V46) and power cord supplied with this unit. Do not use the AC adapter and power cord supplied with your computer.
- Do not place the unit in locations that are:
 - Extremely hot or cold
 - Dusty or dirty
 - Very humid
 - Vibrating
 - Strong magnetic fields
 - Sandy
 - Exposed to direct sunlight
- Do not apply mechanical shock or drop the unit.
- Make sure that nothing metallic comes into contact with the metal parts of the unit. If this happens, a short-circuit may occur and the unit may be damaged.
- Do not operate the unit with a damaged cord.
- Do not operate the unit if the unit itself has been dropped or damaged.
- Always keep the metal contacts clean.
 - Do not disassemble or convert the unit.
- While in use, it is normal for the unit to get warm.
- Do not plug a telephone cable into the LAN port. If the LAN port is connected to one of the telephone lines mentioned below, high electric current to the port may cause damage, overheating, or fire.
 - Home (intercom speakerphone) or business-use telephone lines (multi-line business telephone)
 - Public telephone subscriber line
 - Private branch exchange (PBX)
- Keep the unit away from TV or AM receivers, because it can disturb TV or AM reception.
- Do not place any objects on top of the unit.
- When transporting your computer, be sure to remove the unit first. Moving your computer with the unit installed could cause the unit to fall off, resulting in personal injury, or damage to the unit or your computer.
- When using the multiple monitors function or the external display, see the manuals provided with your personal computer.
- Do not bend the connector cable forcibly. It may result in a failure of the unit.
- The graphics accelerator/USB/LAN/disc drive on the unit may not provide maximum performance, depending on system environment. In addition, the performance may be limited when using two or more of the above features on the unit at the same time.
- Do not unplug the power cord while using it. If the power is cut or the power cord is unplugged while in use, it may cause a problem.

Before use

Before using the docking station, please read this manual thoroughly and retain it for future reference. See also the manuals provided with your computer for more information about connecting the docking station.

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Locating controls and ports (A)

Back

- USB port*
- USB port**
- LAN port
- HDMI output port

Monitor port

Connector cable

Hint

Use the supplied cable band to wrap the connector cable for storing.

- Security slot
- DC IN port
- Docking station connector
- UNDOCK button

Before connecting the docking station from your computer, press the UNDOCK button. Follow the steps in "To disconnect the docking station from your computer."

IN USE indicator

Illuminates while the communication between the docking station and the computer is active.

Front

- USB port**
- Air vents
- Optical disc drive
- Power indicator

Illuminates in green when your computer is turned on, blinks in orange while your computer is in Sleep mode, and blinks in yellow while data access to the optical disc drive is in progress.

Disc eject button

* Compliant with the USB 2.0 standard.

** Compliant with the USB 2.0/3.0 standards. USB ports that are compliant with the USB 3.0 standard are identifiable by their blue color.

Connecting a Docking Station

To use the supplied vertical stand

When using the supplied vertical stand, attach the docking station with the air vents up (B).

Note Attach the docking station in the correct direction; otherwise, loss of unsaved data or failure of the docking station may result.

To connect the docking station to your computer

1 If your computer is connected to a power source, unplug the AC adapter from the computer and the power cord from the AC outlet.

2 Plug one end of the supplied power cord into the supplied AC adapter and the other end into an AC outlet (E - F). Then plug the AC adapter cable into the DC IN port on the docking station (G - H).

The power indicator of the docking station illuminates in green for approximately 10 seconds.

Note Be sure to use the AC adapter and the power cord supplied with the docking station.

3 Plug the docking station connector into your computer (I).

To disconnect the docking station from your computer

Notes

• Before disconnecting the docking station from your computer, press the UNDOCK button (E - F) and confirm that the IN USE indicator (G - H) is off.

• Do not disconnect the docking station from your computer while the IN USE indicator (G - H) on the docking station connector is lit. Disconnecting the docking station while the IN USE indicator (G - H) is lit may result in loss of unsaved data or a failure of the computer. If any problems occur, restart your computer as follows.

• Press the Ctrl+Alt+Delete keys and click the arrow ➡ next to the Shut down ⏻ button and Restart.

• When you press the UNDOCK button (E - F) while the computer is in Sleep mode, the computer returns to the Normal mode. In this case, before disconnecting the docking station from your computer, confirm that the IN USE indicator (G - H) is off.

- Press the UNDOCK button (E - F).
- After confirming the IN USE indicator (G - H) is off, unplug the connector cable by holding the docking station connector (I).

For details on disconnecting the docking station, see the manuals provided with your personal computer.

Inserting/Ejecting the CD/ DVD/ Blu-ray Disc™

The docking station must be turned on to insert or eject a disc.

Notes

- Depending on the model and/or inserted disc, the docking station may not be able to record or play some content.
- When handling a disc, do not touch its surface.
- 8 cm disc reading/writing and use of an 8 cm disc adapter are not supported.
- Only use circular discs. Do not use discs in any other shape (star, heart, card, etc.) or corrupted discs, as this may damage the optical disc drive.
- Never affix an adhesive label to a disc, as it may damage the optical disc drive.
- For details on handling discs and using the optical disc drive, see the manuals provided with your personal computer.

To insert a disc (E)

Insert a disc into the optical disc drive slot with the label side Ⓢ as shown.

To eject a disc

Press the disc eject button.

About the location of the disc eject button, see "Locating controls and ports."

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Disc eject button

* Compliant with the USB 2.0 standard.

** Compliant with the USB 2.0/3.0 standards. USB ports that are compliant with the USB 3.0 standard are identifiable by their blue color.

Specifications

Mounted drive**	Blu-ray Disc™ Drive with DVD SuperMulti
VGP-PRZ20A:	Blu-ray Disc™ ROM Drive with DVD SuperMulti
VGP-PRZ20B:	DVD SuperMulti Drive

Other Ports	USB <ul style="list-style-type: none">Hi-Speed USB (USB 2.0): Type-A Port (2)** SuperSpeed USB (USB 3.0): Type-A port (1)** External display output <ul style="list-style-type: none">MONITOR (○): Analog RGB (mini D-sub 15 pin) (1) HDMI: HDMI output (1) Network (LAN) : 10BASE-T/100BASE-TX/1000BASE-T (1) AMD Radeon™ HD 7670M** (when SVZ131XX is connected) AMD Radeon™ HD 6650M** (when VPCZ2XX is connected)
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Graphic accelerator	AMD Radeon™ HD 7670M** (when SVZ131XX is connected) <p>AMD Radeon™ HD 6650M** (when VPCZ2XX is connected)</p>
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Power requirement (AC adapter**)	Input: AC 100-240 V, 50/60 Hz, 1.6 A - 0.7 A <p>Output: 19.5 V DC, 6.2 A</p>
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Operating temperature	5 °C to 35 °C <p>(temperature gradient less than 10 °C/hour)</p>
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Operating humidity	20% to 80% (not condensed), provided that humidity is less than 65% at 35 °C <p>(hygrometer reading of less than 29 °C)</p>
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Storage temperature	-20 °C to +60 °C <p>(temperature gradient less than 10 °C/hour)</p>
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Storage humidity	10% to 90% (not condensed), provided that humidity is less than 20% at 60 °C <p>(hygrometer reading of less than 35 °C)</p>
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Dimensions	Approx. 148.0 x 16.65 x 220.0 mm (w/h/d)
Mass	Approx. 685 g

Supplied accessories	AC adapter <p>Power cord Cable band Vertical stand Operating instructions Safety Regulations</p>
-----------------------------	--

* The mounted drives sold vary depending on the country or region. For details and specifications on optical disc drives, visit the VAO Support web site at http://support.vaio.sony.eu/.

** Compliant with the USB 2.0 standard.

** Compliant with the USB 2.0/3.0 standards.

** The graphic accelerator is displayed in a different name, depending on the graphic driver of the computer connected to the docking station.

** Use only the AC adapter (VGP-AC19V46) and power cord supplied with this product.

Design and specifications are subject to change without notice.

Trademarks

• VAO is a trademark of Sony Corporation.

• The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

• AMD and Radeon are registered trademarks of Advanced Micro Devices, Inc.

• Blu-ray Disc™ and the Blu-ray Disc logo are trademarks of the Blu-ray Disc Association.

• All other names of systems, products, and services are trademarks of their respective owners. In the manual, the ™ or ® marks are not specified.

Изважване на станици

Внимание при работа с лазерни устройства

Това оборудване е класифицирано като CLASS I LASER PRODUCT в отговор на стандарта за безопасност при работа с лазерни изделия IEC/EN60825-1(2007).

Внимание – Ремонтните дейности и поддръжката на изправност на това оборудване трябва да се извършват само от упълномощени техници на Sony. Неправилните ремонтни дейности и използване могат да доведат до рискове за безопасността.

Внимание – Използването на контроли, настройки или излизането на радиации от оплдитите туре процедури може да доведе до опасно излъгане на радиации.

Може да нанесете повреда на по-долу посочва от долната страна на оборудването.



Това оптично дисково устройство е класифицирано като CLASS I LASER PRODUCT и отговаря на стандарта за безопасност при работа с лазерни изделия IEC/EN 60825-1. Внимание – Ремонтните дейности и поддръжката на изправност на това оборудване трябва да се извършват само от упълномощени техници на Sony. Неправилните ремонтни дейности и използване могат да доведат до рискове за безопасността.

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За изработено оптично дисково устройство Внимание – Клас 3B видимо и невидимо лазерно излъчване при отваряне. Избягвайте пряко излъгане на деиствието на лъча.

Максимална мощност: 390 mW (A 650nm), 563 mW (A 780nm), 39 mW (A 405nm)

Отклонение на лъча: 0.6 (A 650nm), 0.45 (A 780nm), 0.85 (A 405nm)

• Продължителност на импулса: Непрекъсната линия

Преди употреба

Преди да използвате станцията за сканване, прочетете това ръководство внимателно и запазете за бъдеща справка. Прегледайте също така ръководствата, предоставени с компютъра, за допълнителна информация относно свързаното на станцията за сканване.

Серията Sony VGP-PRZ20 е станция за сканване, предназначена за персонални компютри Sony. Въпреки това тя не може да се използва с някои модели.

Местоположение на контроли и портове (A)

Преди да използвате функцията за няколко монитора или външен дисплей, вижте ръководствата, предоставени с вашия персонален компютър.

• Не откъсвайте кабела на конектора със сила. Това може да доведе до неизправност в модула.

• Графичният ускорител/USB/LAN/дисковото устройство на модула може да не предоставя максимална производителност в зависимост от системната среда. Освен това, производителността може да е ограничена, когато използвате едновременно две или повече от горепосочените функции на устройството.

• Не изключвайте захранващ кабел, докато използвате устройството. Ако захранването се прекъсне или захранващ кабел се изключи по време на употреба, това може да доведе до проблеми.

• Фрагичният ускорител/USB/LAN/дисковото устройство на модула може да не предоставя максимална производителност в зависимост от системната среда. Освен това, производителността може да е ограничена, когато използвате едновременно две или повече от горепосочените функции на устройството.

• Преместване на компютъра с инсталирани модули може да причини падане на модула, което да доведе до физическо нараняване или повреда на модула или компютъра.

• Когато използвате функцията за няколко монитора или външен дисплей, вижте ръководствата, предоставени с вашия персонален компютър.

• Не откъсвайте кабела на конектора със сила. Това може да доведе до неизправност в модула.

• Графичният ускорител/USB/LAN/дисковото устройство на модула може да не предоставя максимална производителност в зависимост от системната среда. Освен това, производителността може да е ограничена, когато използвате едновременно две или повече от горепосочените функции на устройството.

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За HDCP съвместимостта на изходния дисплей

Този модул е съвместим със стандарта High-band width Digital Content Protection (HDCP) и има възможност за шифроване на предавателния канал на цифрови видео сигнали с цел защита на авторските права, което позволява да възпроизведат и прегледат разнообразно високоскоростно и защитено с авторско право съдържание. За да прегледате защитеното с авторско право съдържание, свържете съвместим със стандарта HDCP монитор към HDMI изходния порт на модула. Ако към компютъра е свързан несъвместим монитор, няма да може да възпроизведат или прегледате защитено с авторски права съдържание.

Преглед на 3D изображения

Някои хора могат да изпитат дискомфорт (като например зрители умора, изтощение или гадене), докато гледат тримерни видеоизображения или играят стереоскопични игри, базирани на 3D.

Преместване на станцията за сканване от компютъра.

IN USE индикатор (употреба)

Свети, когато връзката между станцията за сканване и компютъра е активна.

Отпред

12 USB port**

13 Вентилационни отвори

14 Оптично устройство

15 Индикатор за захранване

Свети в зелено, когато компютърът е включен, мига в оранжево, когато компютърът е в режим на заспиване, мига в жълто по време на достъп до данните в оптичното дисково устройство.

16 Бутон за изваждане на диска

* Съвместим със стандарта USB 2.0.

** Съвместим със стандартите USB 2.0/3.0. USB портовете, които са съвместими със стандарта USB 3.0, са обозначени със син цвят.

Свързване на станцията за скчане

Използване на предоставената вертикална стойка

Когато използвате предоставената вертикална стойка, поставете станцията за сканване с вентилационните отвори нагоре (B).

Забелжка Поставете станцията за сканване в правилната посока, в противен случай може да възникне загуба на незапазените данни или неизправност на сканване.

Свързване на станцията за сканване към компютъра

1 Ако компютърът е свързан към източник на захранване, изключте адаптера за променлив ток от компютъра и захранващия кабел от контакта.

2 Поставете единия край на предоставения захранващ кабел в предоставения адаптер за променлив ток, а другият край – в контакта (E - F). След това включете адаптера за променлив ток в DC IN порта на станцията за сканване (G - H).

Индикаторът за захранване на станцията за сканване свети в зелено приблизително 10 секунди.

Забелжка Използвайте използвайте адаптера за променлив ток и захранващия кабел, предоставени със станцията за сканване.</

