



P3PC-6631-07EN



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Happy Hacking Keyboard range

Safety precautions

Thank you for purchasing this product.

This document contains general safety information which must be read before using this product. Read this document and the user guide, and ensure that you use this product safely and appropriately. Keep these documents in a safe place for future reference when using this product.

Use in high-security applications

This product has been designed and manufactured for use in office, personal, domestic and general industrial applications. It has not been designed or manufactured for use in applications (hereinafter referred to as "high safety applications") which directly endanger life and health where a high degree of safety is required; for example, in nuclear reaction control rooms of nuclear facilities, automatic flight controls of aircraft, air traffic control, operations control of mass transportation systems, medical life support equipment and missile launch control of weapons systems, including on a temporary basis where safety is not guaranteed.

The user must use this product in such a way as to ensure safety in these high security applications. PFU Limited accepts no liability for any damage resulting from the use of this product by the user in high security applications, nor for any claim or remedy for such damage by the user or any third party.

Other company and product names are trademarks or registered trademarks of their respective owners.

PFU Limited 2019-2022

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Warnings used in this document

The following indications are used in this document to avoid any risk of accident or damage to you and/or this product.

Warning	Description
DANGER	This indication alerts operators to an operation which, if not strictly observed, could result in serious injury or death.
AVERTISSEMENT	This indication alerts operators to an operation which, if not strictly observed, could result in serious injury or death.
ATTENTION	This indication alerts operators to an operation which, if not strictly observed, may result in safety risks for personnel or damage to the product.
	A TRIANGLE indicates that special care and attention is required. The drawing inside the triangle indicates the specific precaution.
	A diagonally crossed CIRCLE indicates actions that users must not undertake. It also has a drawing inside to indicate the specific action that is not permitted.
	A white exclamation mark on a black background indicates the instructions that users must follow. It may also include a drawing indicating a specific instruction.

For safe use

The following section describes important warnings for the use of this product.






For safe use of this product, make sure you follow the descriptions below.










	Keep the keyboard away from water, seawater, drinks or any other liquid. Otherwise, the batteries may heat up, explode or catch fire.
	Do not use, store or leave the keyboard or batteries in a place exposed to high temperatures (near a heat source or heater, in direct sunlight or inside a vehicle in direct sunlight), low temperatures or at high altitudes with low atmospheric pressure. In the case of Otherwise, the batteries may leak, heat up, explode or catch fire.
	Do not burn the keyboard or batteries, or throw them into a fire for any reason. Doing so may cause the batteries to heat up, explode or catch fire.
	Do not drive nails into the keyboard or batteries, hit them with a hammer or step on them, do not subject them to strong shocks and do not crush or cut them with a machine. Otherwise, the batteries may heat up, explode or catch fire.
	Do not place the keyboard in a cooking appliance (such as a microwave oven), in a high temperature container (such as a dishwasher) or in a refrigerator.
	Do not use an incorrect type of battery which could disable the protection function (for example, certain types of lithium battery). Otherwise, the batteries may heat up, explode or catch fire.
	If the batteries leak, keep the liquid away from your face or hands. Failure to do so could result in blindness or skin lesions. If the liquid enters your eyes or mouth, or comes into contact with your skin or clothing, rinse immediately with clean water. Similarly, if the liquid gets into your eyes or mouth, go to hospital.



	If any of the following situations occur, switch off the power supply and discontinue use of the product. Check that there are no problems with the batteries (that they are not too hot) and take care not to burn yourself when removing them from the keyboard. If a cable is used, disconnect it from the keyboard. Failure to do so could result in fire or electric shock. <ul style="list-style-type: none"> ■ The keyboard fell over. ■ Smoke or heat is emitted from the keyboard. ■ An abnormal noise or smell is detected. ■ Foreign objects (water, liquids, small metal objects, etc.) have entered the keyboard. ■ Other problems that indicate a keyboard fault are detected.
	If the batteries leak or if you smell something abnormal, stop using the keyboard. If it is near a heat source, move it. Otherwise, the batteries may explode or catch fire.
	Do not dismantle or modify the keyboard. In addition, disassembly of the keyboard by you will invalidate the warranty. PFU is not responsible for any damage or loss resulting from your disassembly of the keyboard.
	Do not place the keyboard in a place exposed to high temperatures, humidity, poor ventilation or dust. Placing it in a place exposed to high temperatures may cause the chassis to overheat and deform, resulting in an electrical leak or fire. Use the keyboard in a well-ventilated environment. For example, do not place the keyboard in the following locations: <ul style="list-style-type: none"> ■ A location close to heat radiating devices, such as stoves or electric radiators, or flammable materials such as flammable volatile products or curtains. ■ A place like a kitchen where greasy smoke can form. ■ A place such as a bathroom, a shower room or a swimming pool where it could easily get wet. ■ A place exposed to direct sunlight, in a vehicle in direct sunlight or near heating appliances where it is likely to heat up.

	Carefully connect the cables between this product and other peripheral devices. If you trip over one of the cables, you may trip, or the product and other peripheral devices may fall from a high place, resulting in injury or equipment failure. To prevent children choking on coiled cables around their necks, connect the cables in such a way that children cannot easily reach them.
	Before moving the keyboard, make sure you disconnect the cable between the keyboard and the computer. Make sure the floor is clear of any obstacles. Do not move the keyboard with the cables connected as this can damage the cables, which can lead to fire or electric shock at a later date. Cables can also interfere with work and cause injury.
	Do not use the keyboard while driving a vehicle. Doing so could disrupt your driving and cause an accident.
	Do not use aerosols or alcohol-based sprays to clean the keyboard. Dust carried by the strong blast of the spray may penetrate the keyboard. This could lead to keyboard failure or malfunction. Sparks caused by static electricity when blowing dust and dirt from the keyboard can cause a fire.
	In areas (such as hospitals) where the use of radio waves is restricted, do not use the keyboard in accordance with the instructions for the area. It is possible for radio waves to affect electronic equipment, medical equipment and implanted medical devices (such as pacemakers). This is a general characteristic of all devices that use radio waves; it is not specific to this keyboard.

ATTENTION

	When placing the keyboard on a table, make sure that the work surface is flat and stable, and that no part of the keyboard protrudes over the edge of the table, otherwise it could fall or be pulled off the table, causing injury or damage.
	To avoid injury, do not place the keyboard within the reach of small children.
	Do not place heavy objects on top of the keyboard or perform other tasks on top of the keyboard. Doing so may result in injury or equipment failure.
	Keep the keyboard away from strong magnetic fields and other sources of electronic noise. Protect the keyboard from static electricity and choose a static-free location for the keyboard. Static electricity can cause the keyboard to malfunction.
	We recommend that you place the keyboard and a computer/mobile device in as unobstructed a location as possible. If there are obstacles (such as walls or metal plates) blocking radio waves, data transmission may not be possible or may be slowed down.
	Do not use the keyboard immediately after moving it from a cold place to a warm room. Condensation may form, which could lead to input errors. Leave the keyboard to dry for an hour or two before using it.
	When transporting the keyboard outdoors in rain or snow, take care not to get it wet. If the keyboard does get wet, wipe it dry or wait until it is dry.

Precautions

■ Note on liability

READ THE DOCUMENTS SUPPLIED WITH THIS PRODUCT CAREFULLY BEFORE USING THE KEYBOARD. IMPROPER USE OF THE KEYBOARD MAY RESULT IN SUDDEN INJURY TO USERS OR BYSTANDERS.

Keep this document in a safe place for future reference when using this keyboard.

While every effort has been made to ensure the accuracy of all information in this document, PFU accepts no liability for damages caused by errors, omissions or any statements contained in this document, its updates or supplements, whether such errors are omissions or statements resulting from negligence, accidents or any other cause.

PFU further disclaims any liability arising from the application or use of the keyboard or system described herein and any liability for consequential or incidental damages arising from the use of this document. PFU disclaims any warranty concerning the information contained in this document, whether express, implied or statutory.

■ Using the batteries

- Store batteries out of the reach of small children.
- Do not confuse the positive and negative terminals when using batteries.
- Do not heat the batteries. Do not dismantle them or throw them into water.
- Remove the batteries if you are not going to use this product for a long time. Failure to do so may result in battery leakage or damage to the product.
- Do not mix old and new batteries during use. Do not mix different types of batteries (such as manganese and alkaline batteries) when using.
- If the batteries are old or weak, stop using them and dispose of them in accordance with the laws and regulations where you live.

■ Bluetooth transmission speed

Baud rate refers to the speed defined in the standard, not the actual speed. The actual baud rate will vary depending on the environment in which you are using the keyboard.

In the following environments, data transmission may be slowed or even impossible:

- If there is a great distance, an obstacle or interference between the keyboard and the computer/mobile device.
- If the keyboard is used close to another appliance (such as a microwave oven) that causes interference.

Regulatory information

FCC Declaration

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving aerial.
- Move the equipment away from the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult your dealer or an experienced radio/TV technician for help.

FCC Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CAUTION

FCC Rules.

Use of a shielded interface cable is required to comply with the Class B limits of Part 15 of the

Radio Act

The keyboard is a wireless device designed in accordance with the laws and regulations of the regions in which it is sold. Do not dismantle the keypad or modify the internal circuitry when using the keypad. The user may be subject to penalties under the laws or regulations of the sales region. PFU Limited accepts no liability for any damage resulting from the use of the keyboard.

damage or modification to the keyboard.

Maintenance

The user must not carry out any repairs on the keyboard.

PFU accepts no responsibility for any damage caused by dismantling the keyboard, as the warranty does not cover this type of damage. If repair of the keyboard is required, contact the keyboard dealer or distributor.

Customer support

<https://hhkeyboard.us/>

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