

How to deal with common keyboard damage

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The keyboard is a device that is used a lot but is rarely damaged, the damage, if any, is usually due to the user's poor usage and maintenance, such as not cleaning periodically, making dust and dirt lead to the phenomenon. stuck keys or spilled liquid on the keyboard, touching, burning the internal circuits.

Here's how to deal with some common keyboard failures

Key is stuck



Remove the stuck key

1. Due to being used in a dusty, humid environment and with poor storage, dust and dirt stick to the inside, making the keys hissed, heavy and sometimes stuck.
2. The way to handle it is to carefully use a flat hard object such as a screwdriver to pry the key up, clean the inside of the key and the contact area on the keyboard, then attach it back to its original position. (see How to clean a computer keyboard)

When prying the key up, both sides should be evenly to avoid breaking and breaking the key. Large and long keys like Enter, Shift and Space Bar often have springs or metal bars inside that are a bit difficult to remove, so be careful not to lose the spring.

The keyboard got spilled with liquid

1. Spilling liquids such as water, coffee, . on the keyboard is the most common cause of damage when using a computer.

2. If the water is less, you need to immediately turn the keyboard down to let the water drain out, then quickly dry the water, if necessary, use a hair dryer to dry.
3. If water is spilled a lot, it may have entered the inside of the keyboard and moistened and wet the electrical circuits. In this case remember not to press any key because pressing it can burn the internal circuits, need to unplug the keyboard cable from the computer immediately. Then need to remove the keyboard to clean the water inside the plastic circuit boards.

If when pressing a key, it displays wrong or incorrect function of the key, then the keyboard may have been touched due to water, it is necessary to quickly clean it before burning the internal circuit.

Buttons don't work

1. This case may be caused by dirt getting inside, making the contacts on the circuit board not in good contact, it is necessary to remove the keyboard and clean the contacts on the circuit board and on the keys or plastic pieces. .
2. If you look closely at the circuit boards, if you see that the circuits on them are black, it may have burned out.



The circuit lines of the keyboard are burnt black

1. In this case, conductive glue can be used to reconnect the circuit or replace the circuit boards from the old keyboard.



Use conductive glue to reconnect burnt or broken lines

Broken keyboard wire

1. If the keyboard has a broken wire, it can be cut and soldered or re-connected the small wires inside, these wires have different colors so they are easy to recognize. The cord of another keyboard can be replaced, but must have the same plug.

Note:

1. When removing the keyboard, pay attention to how to arrange the plastic circuit boards so that when reassembled correctly.
2. The inner plastic buttons used to push the floating keys must be full, if the key is missing, it will not be able to push up.



1. Some keyboards use separate switches for each key, so be careful when removing these buttons to avoid losing the small components inside, if possible, only use a dryer to dry.
2. The screws must be fully re-screwed, otherwise the keyboard will be exposed and the keypress will not make good contact.
3. Do not use lubricants, oils, and greases on the key slots because it will be easy to get dust in there and cause the keys to jam.

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