

USER MAUNAL

This produc is Wireless mouse keyboard combo, it's use to PC product.

3 Introduce

This article is 70119 wireless keyboard+70119 wireless mouse specification



4 Physical Specification

Size

Mouse: 100*50*32mm

Keyboard: 430*130*24MM

weight

Mouse: 50g (Not included battery)

Keyboard:390g (Not included battery)

4.1 The keyboard is compatible:

WINDOWS98/NT/2000/ME/XP /Vista/WINDOS7/WINDOS8

4.2 Key numbers:

104/US

4.3 Keyboard Feature

Keyboard Power: AA*1PC battery (don't include)

Fn + F1-F12 Multimedia keys

Waterproof design

5 Mechanical properties

Mouse

- Mouse button operation force: $50 \pm 10\text{gf}$
- Roller rotation force: $20 \pm 10\text{gf}$
- Roller key (middle key) operating force: $120 \pm 20\text{gf}$

Keyboard

- Mouse button operation force: $55 \pm 10\text{gf}$
- Roller rotation force: $\geq 16\text{g}$
- Film guide point silicone travel $\geq 1.5\text{mm}$

6 Operating characteristic of electric apparatus:

Mouse:

- Working voltage: DC5V Power consumption 15mA(Max)
Resolution DPI :1000
- **Speed:** 30inches/sec
- **Frequency:**2400frames/sec
- **Accelerated speed:** 8G
- **Mouse Power:** AA*1PCS battery (don't include)

Key features

Full 104 layout and Fn + F1-F12 multimedia with comfortable keystroke

Compact wireless mouse with 1000 dpi

Mouse with Power ON/OFF switch

Keyboard and mouse built-in Auto sleep mode save power

One USB Nano receiver for both devices

Space saving keyboard design

10m Wireless range

PACKAGE CONTENTS

Wireless keyboard

Wireless mouse

One USB Nano receiver

7 Suitable of environment:

7.1 Temperature

- Using temperature range: 0-40°C
- Using humidity range: <85%
- Transportation temperature range: -15°C - 60 °C
- Transportation humidity range: <85%

7.2 Environmental test

- High temperature experiment

Temperature: 60±2°C

Time: 96 hours

Humidity: 50±5%R.H.

- Low temperature experiment

Temperature: -15±2°C

Time: 96 hours

8 Reliability parameters:

8.1 Switch life test

Measurement frequency:

3 cycles/sec

Operation strength (left. Right):

90gf Max

The times of life:

30000,000 cycles

8.2 Roller life test

Rotational speed:

1cycle/sec.

Operating power:

50±30gf-cm

Operating times:

100, 000 cycle

8.3 Keyboard life test

Load:

100gf Vertical pressure

Speed:

200±40mm/sec.

Trip:

3.5±0.5mm

8.4 Silicone life test

Test frequency:

3 cycles/sec

Operation strength:

70gfmax

The times of life:

1000000cycles

8.5 High temperature test

Temperature: 60±2°C

Testing time: 96 hours

Mouse and keyboard samples are allowed to sit at room temperature for an hour after passing this test

8.6 Low temperature test

Temperature: -20±2°C

Testing time: 96 hours

Mouse and keyboard samples are allowed to sit at room temperature for an hour after passing this test

8.7 Moisture Test

Temperature: 40±2°C

Humidity: 45-95% R.H.

Testing time: 96hours

Keyboard samples are allowed to sit at room temperature for an hour after passing this test

8.8 Thermal cycle test

Temperature: $-15\pm 2^{\circ}\text{C}$ for 1 hour and then $60\pm 2^{\circ}\text{C}$ for 1hour

Times: 5 cycles

Mouse and keyboard samples are allowed to sit at room temperature for an hour after passing this test

8.9 Bare drop test:

Bare drop times: 6 times

Bare drop height: $60\pm 5\text{cm}$

Direction: 6 sides each time

Bare drop surface material: Plastic floor tile

Determination of reliability test: since all tests are destructive tests, each test needs to be independently sampled and the samples after each test can work normally.

FCC Statement

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 antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.