
MSD8010 User Manual

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1. Description of appearance



2. Function

- 1、 Using the 2.4G wireless control, the operating frequency range is 2411-2476MHz , **Select 16 frequency points do emission frequency. Boot up work for 2440MHZ, when the channel interference will automatically jump to the next frequency point work. The working frequency point:** 2424 MHZ, 2447 MHZ, 2467 MHZ, 2411 MHZ, 2429 MHZ, 2440MHz, 2451 MHZ, 2469 MHZ, 2414 MHZ, 2433 MHZ, 2455 MHZ, 2473 MHZ, 2417 MHZ, 2436 MHZ, 2459 MHZ, 2476MHZ。
- 2、 Touch pad high accuracy and low error, gyro free rat precise positioning / gyroscope with high precision and low error free rat precise positioning.
- 3、 Check the code, connection indicator for convenient to debug production.
- 4、 Power saving, the use of 4.2V lithium ion battery, the minimum power consumption is less than60uA
- 5、 Suitable for Windows, IOS, Android system.

3. Keyboard definition: (based on Android system)

1. **Power switch**: move the key towards “on” means turn on the power of the remote controller, towards Off means “turn off”.
2. **Direction key**: choose the four different keys accordingly to control the menu.
3. **OK key**: click both the OK key and the left key of the mouse, you could reorder the menu, then click OK key to enter the program wanted.
4. **Return key**: media player will go back to the former action by click the return key.(the same function as ESC key in Windows system)
5. **HOME key**: the player will exit the submenu and go back directly to the primary menu by pressing the HOME key.
6. **Volume“+”“-”**: press “+ “will louder the volume, and “-” will lower the volume.
7. **The USB interface:Use the USB socket only for charging, can't connected to the PC or other data transmission using**
8. **Power key**: no definition.

4. Operation instruction:

1. The machine will be in a synchronous procedure when filled with battery, and then the controller will automatic connected with the connector matched after linking the connector with the player. The blue light will be on during the working state, it will be off if the controller cannot match to any device and the controller will be in resting state.
2. New controller must be paired to the connector by code; please press home and return key for 5 seconds and release them. Then connect the connector with the player and keep the controller 5 to 10cm away, when the blue light flashes at a rate of 0.3 seconds per time, they have been paired successfully and the cursor could move now.
3. The controller will be in resting state without working over 20 seconds, it will resume to work by pressing any key.
4. When the battery voltage is lower than 3.6V, the controller will power off and should be charged at a charging voltage of 5V in time. The red light will be on when charging and off when the voltage comes to 4.2V.

5. Product maintain:

1. The controller must be charged in time when power off to assure the life expectance.
2. The charging voltage: 5V
3. Please protect the products against the moisture, dust and crash.

6. Product parameter:

- 1、 Operating current: $\leq 20 \text{ mA}$
- 2、 Standby current: $\leq 60 \mu\text{A}$
- 3、 Charging voltage: 5V
- 4、 Charging current: $\leq 250 \text{ mA}$
- 5、 Battery voltage: 3.7V
- 6、 Battery capacity: 320MAh
- 7、 Carrier frequency: $2411\text{-}2476\text{MHZ}$

FCC ID: 2AAGDMSD-8010

Model name: 2.4G wireless empty mouse remote controller

Model No.: MSD-8010

ShenZhen Master Digital Technology Developing Co., Limited

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.

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

Note: 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.