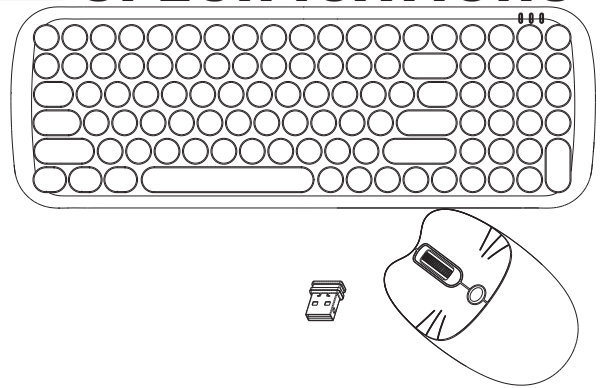


SMK-646M3DM Bluetooth/2.4GHz Keyboard and Mouse

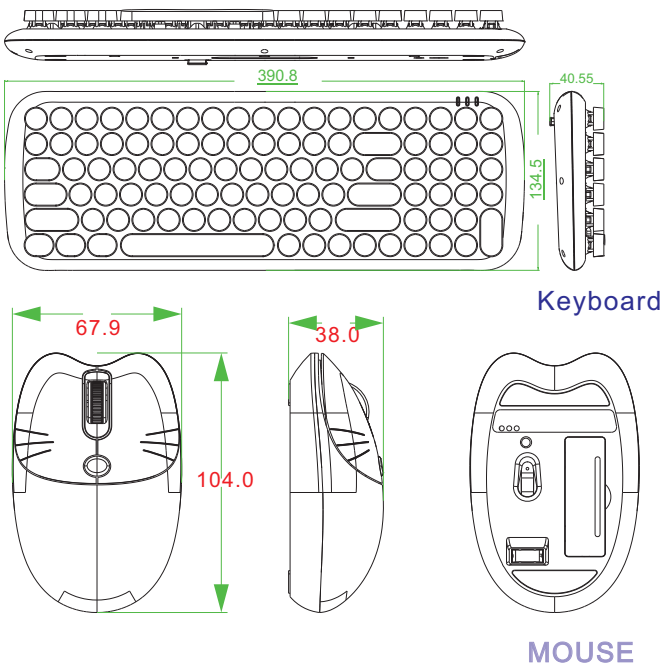
SPECIFICATIONS

Part 1.0: General Features

- Mouse Bluetooth 5.0 Version and Keyboard Bluetooth 5.0 Version
- Hassle-free operation interface, easy to connect with a Bluetooth PC or laptop (A Bluetooth adapter is necessary if computer is without Bluetooth function)
- 10 Meter working range
- a standard 102 keys keyboard's layout
- Install and operates easily
- Support standard PC or laptop or notebook and Mac OS or iPad or iPhone system
- Optical tracking engine, no moving parts
- precision switch default 1200dpi (800~1200~1600dpi)
- 3 level power saving mode



Part 2.0: Physical characteristics



Part 3.0: Electrical Specification

Interface: Bluetooth 3.0/4.0/5.0
Operation angle: 360 degrees
Operation distance: 6~10 meter for keyboard
R F frequency: 2.400GHz ~ 2.480 GHz
Data Rate: Bluetooth v5.0 (1Mbps)
R F modulation : Generic AMP
Hopping type : GFSK
R F channel : 79 channels
R F bandwidth : 1MHz
R F output power : Bluetooth class 2 (up to +4dBm)
Sensitivity: Bluetooth class 2 (down to -96dBm)

Power in: Enhanced Power Control

Sensor report rate on mouse: 3000 times per second
Resolutions: 800~1200~1600DPI
Sensor Tracking Speed: 30+ inches / Second

Battery

Battery type: one AA alkaline for mouse
two AAA alkaline for keyboard

Battery consumption:
mouse: 1.5V
keyboard: 3.0V

Operating Mode: $\leq 15\text{mA}$ (working)
Sleep Mode 1: $\leq 1.0\text{mA}$ (after 3 second non-active)
Sleep Mode 2: $\leq 0.8\text{mA}$ (after 59 second non-active)
Sleep Mode 3: $\leq 0.1\text{mA}$ (after 10 minutes around non-active and LED turn off)

Keyboard: Operating Mode: $\leq 10\text{mA}$
Sleep Mode 1: $\leq 0.1\text{mA}$ (no typing)

Part 4.0: Reliability

Keyboard Button Switch Activation: 8,000,000 cycle
Mouse Button Switch Activation: 3,000,000 cycle
Scroll Wheel encoder Activation: 100,000 cycle
Operating temperature: $-5 + 40$ degrees celsius
Operating humidity: 20% - 90%

Part 5.0 System Requirement

Windows: suggest Windows 8.0 above version
MacOS: suggest MacOS 10.10 above
Android: suggest Android 4.3 above.

Mechanical Performance

Operating force of mouse buttons	$70 \pm 15\text{gf}$
Operating force of wheel scrolling	$20 \pm 10\text{gf}$
Operating force of keyboard keycaps	$50 \pm 10\text{gf}$

Buttons

Mouse : 4 buttons with scrolling wheel
Keyboard : 102 standard keys,

Weight:

Mouse: $78 \pm 5\text{g}$ (battery included)
Keyboard: $570 \pm 10\text{g}$ (battery included)

Multimedia Hotkeys functions:

SK-646DM Multimedia Hotkeys Functions			
System Keys	FN+E (IOS)	FN+Q (Android)	FN+W (Windows)
Esc	Main Page	Main Page	Esc
F1	Clip	Clip	F1
F2	Copy	Copy	F2
F3	Stick	Stick	F3
F4	Language shift	Language shift	F4
F5	Search	Search	F5
F6	Previous Track	Previous Track	F6
F7	Play/Pause	Play/Pause	F7
F8	Next Track	Next Track	F8
F9	Mute	Mute	F9
F10	Volume Down	Volume Down	F10
F11	Volume Up	Volume Up	F11
F12	Lock screen	Lock screen	F12